# FINAL Preliminary Assessment Report Army Aviation Support Facility, Davenport, Iowa

Perfluorooctanesulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA) Impacted Sites ARNG Installations, Nationwide

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### Prepared for:



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# **Acronyms and Abbreviations**

°F degrees Fahrenheit

AASF Army Aviation Support Facility
AECOM Technical Services, Inc.

AFFF aqueous film forming foam

AOI Area of Interest

ARNG Army National Guard

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CSM conceptual site model

FTA fire training area

IA lowa

IAARNG Iowa Army National Guard

IL Illinois

mg/kg milligrams per kilogram mg/L milligrams per liter

PA Preliminary Assessment

PFAS per- and poly-fluoroalkyl substances

PFOA perfluorooctanoic acid

PFOS perfluorooctanesulfonic acid

SI Site Inspection

USACE United States Army Corps of Engineers

USEPA United States Environmental Protection Agency

VSI visual site inspection

# **Executive Summary**

The United States Army Corps of Engineers (USACE) Baltimore District on behalf of the Army National Guard (ARNG)-Installations & Environment Division, Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform *Preliminary Assessments (PAs) and Site Inspections (SIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide*. The ARNG is assessing potential effects on human health related to processes at facilities that used per- and poly-fluoroalkyl substances (PFAS), primarily in the form of aqueous film forming foam (AFFF) released as part of firefighting activities, although other PFAS sources are possible.

AECOM completed a PA for PFAS at the current Army Aviation Support Facility (AASF) in Davenport, Iowa, to assess potential PFAS release areas and exposure pathways to receptors. The current AASF is constructed on a 10.4 acre parcel of land owned by the State of Iowa. The parcel was conveyed to the State of Iowa by the City of Davenport in 1971. An additional 5.5 acres of adjacent land to the south is leased from the City of Davenport and is used for a fuel facility and additional parking. The performance of this PA included the following tasks:

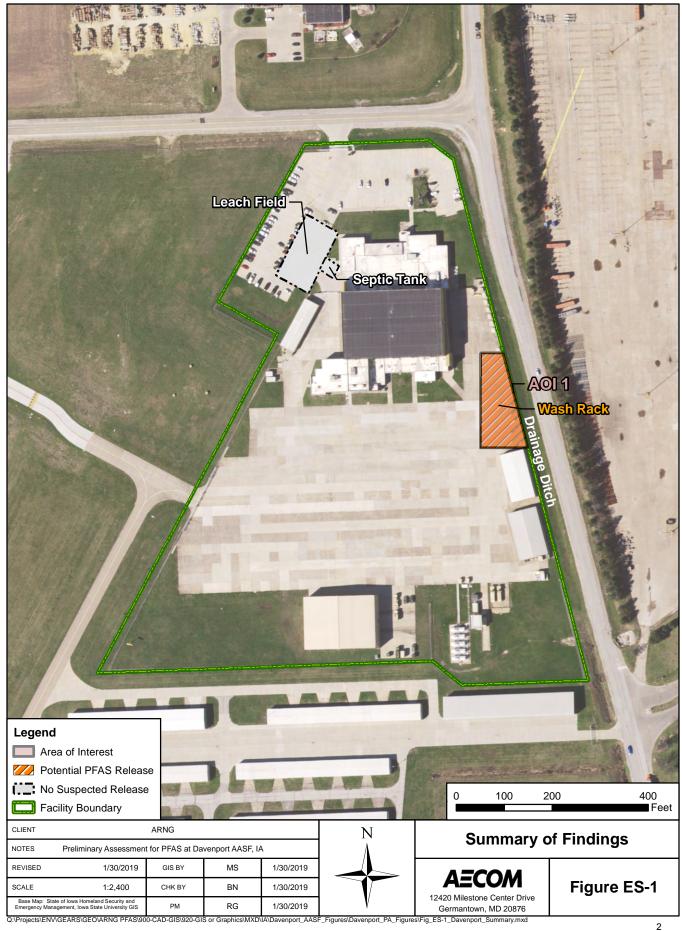
- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a site visit on 23 August 2018
- Interviewed current IAARNG AASF personnel during the site visit
- Completed visual site inspections at known or suspected PFAS release locations and documented with photographs
- Developed a conceptual site model (CSM) to outline the potential release and pathway of PFAS for the Area(s) of Interest and the facility (Figure ES-1)

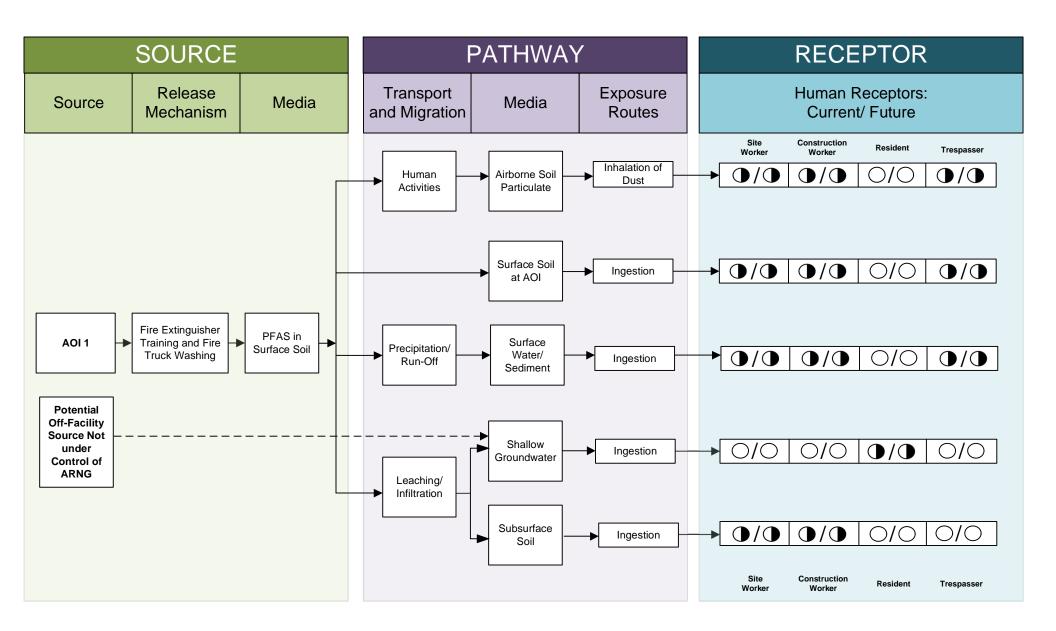
One AOI related to a potential PFAS release was identified at the current Davenport AASF during the PA. The AOI is shown on **Figure ES-1** and described below:

Area of Interest	Name	Used by	Potential Release Date
AOI 1	Wash Rack	IAARNG	1974 to Present Day

Based on potential PFAS releases at this AOI, there is potential for exposure to PFAS contamination in surface soil, surface water, sediment, and groundwater for site workers, onsite construction workers, and trespassers; and subsurface soil for onsite construction workers. In addition, off-facility residents using groundwater for drinking water surrounding the facility may potentially be exposed to migrating PFAS contamination via nearby groundwater pathways. At this time the completeness of the groundwater pathway has not been verified. Potential off-facility PFAS release areas exist adjacent to the current Davenport AASF. Because there is little to no information about AFFF use or storage at these areas, it is unknown whether or not the off-facility sources affect the current Davenport AASF. The CSM for the current Davenport AASF is shown on **Figure ES-2**.

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Flow-Chart Continues

Partial / Possible Flow

Incomplete Pathway

Potentially Complete Pathway

Complete Pathway

Figure ES-2 Conceptual Site Model Current Davenport AASF

# 1. Introduction

# 1.1 Authority and Purpose

The United States Army Corps of Engineers (USACE) Baltimore District on behalf of the Army National Guard (ARNG)-Installations & Environment Division, Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform *Preliminary Assessments (PAs) and Site Inspections (SIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide* under Contract Number W912DR-12-D-0014, Task Order W912DR17F0192, issued 11 August 2017. The ARNG is assessing potential effects on human health related to processes at facilities that used per- and poly-fluoroalkyl substances (PFAS), primarily in the form of aqueous film forming foam (AFFF) released as part of firefighting activities, although other PFAS sources are possible. In addition, the ARNG is assessing businesses or operations adjacent to the ARNG facility (not under the control of ARNG) that could potentially be responsible for a PFAS release.

PFAS are classified as emerging environmental contaminants that are garnering increasing regulatory interest due to their potential risks to human health and the environment. PFAS formulations contain highly diverse mixtures of compounds. Thus, the fate of PFAS compounds in the environment varies. The regulatory framework at both federal and state levels continues to evolve. The United States Environmental Protection Agency (USEPA) issued Drinking Water Health Advisories for PFOA and PFOS in May 2016, but there are currently no promulgated national standards regulating PFAS in drinking water. In the absence of federal maximum contaminant levels, some states have adopted their own drinking water standards for PFAS. The State of Iowa standards for PFOS and PFOA are 0.00007 milligrams per liter (mg/L) for a protected groundwater source, and 0.0010 mg/L for a non-protected groundwater source (PFOS only, no standard for PFOA). PFOS and PFOA soil standards are 1.8 milligrams per kilogram (mg/kg) and 1.2 mg/kg, respectively (Iowa Department of Natural Resources, 2012).

This report presents the findings of a PA for PFAS at the current Army Aviation Support Facility (AASF) in Davenport, Iowa (IA), in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, the National Oil and Hazardous Substances Pollution Contingency Plan (40 Code of Federal Regulations Part 300), and USACE requirements and guidance.

This PA documents the known fire training area (FTA) as well as other locations where PFAS may have been released into the environment at the current AASF. The term PFAS will be used throughout this report to encompass all PFAS chemicals being evaluated, including PFOS and PFOA, which are key components of AFFF.

# 1.2 Preliminary Assessment Methods

The performance of this PA included the following tasks:

- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a site visit on 23 August 2018
- Interviewed current Iowa Army National Guard (IAARNG) AASF personnel during the site visit
- Completed visual site inspections (VSIs) at known or suspected PFAS release locations and documented with photographs
- Developed a conceptual site model (CSM) to outline the potential release and pathway of PFAS for the Area(s) of Interest (AOIs) and the facility

# 1.3 Report Organization

This report has been prepared in accordance with the USEPA *Guidance for Performing Preliminary Assessments under CERCLA* (USEPA, 1991). The report sections and descriptions of each are:

- **Section 1 Introduction**: identifies the project purpose and authority and describes the facility location, environmental setting, and methods used to complete the PA
- Section 2 Fire Training Areas: describes the FTAs at the facility identified during the site
  visit
- Section 3 Non-Fire Training Areas: describes other locations of potential PFAS releases at the facility identified during the site visit
- Section 4 Emergency Response Areas: describes areas of potential PFAS release at the facility, specifically in response to emergency situations
- Section 5 Adjacent Sources: describes sources of potential PFAS release adjacent to the facility that are not under the control of ARNG
- Section 6 Conceptual Site Model: describes the pathways of PFAS transport and receptors for the AOIs and the facility
- Section 7 –Conclusions: summarizes the data findings and presents the conclusions of the PA
- Section 8 References: provides the references used to develop this document
- Appendix A Data Resources
- **Appendix B** Preliminary Assessment Documentation
- Appendix C Photographic Log

# 1.4 Facility Location and Description

The AASF is on Davenport Municipal Airport property (**Figure 1-1**) in Scott County, Davenport, IA. The AASF is north of Interstate 80, west of North Harrison Street, south of Slopertown Road, and east of 155<sup>th</sup> Avenue. The communities of Davenport, IA, Bettendorf, IA, Moline, Illinois (IL), and Rock Island, IL lie within 15 miles of the current AASF. The AASF is constructed on a 10.4 acre parcel of land owned by the State of Iowa. An additional 5.5 acres of adjacent land to the south is leased from the City of Davenport. The AASF provides multiple unit support in heavy lift rotary-winged aircraft. The former AASF occupied buildings leased from the City of Davenport from approximately 1962 to 1974. Constructed in 1974, the current AASF is located north of the former AASF.

# 1.5 Facility Environmental Setting

Davenport is in the Southern Iowa Drift Plain, a region characterized by loess-capped hills overlying glacial drift sediments. The terrain of the area has been subjected to repeated periods of Quaternary-age glaciations and erosion, creating gently rolling hills which slope toward nearby drainage features and integrated drainage networks. The elevation of the facility is approximately 750 feet above mean sea level. The elevation in the area decreases to the southeast toward the Mississippi River (Iowa Geological Survey [IGS], 2017c).

### 1.5.1 Geology

The AASF is situated on Quaternary-age loess and eolian sand of the Peoria Formation which ranges in thickness from 5 to 15 feet. The deposits are characterized as yellowish brown to gray, massive, noncalcaeroues grading to calcareous silt loam and intercalated fine to medium, well sorted, sand. The loess and sand deposits overlie fractured, loamy glacial till of the Illinoin Glasford Formation. The Glasford Formation generally ranges in thickness from 33 to 115 feet and overlies the dense, fractured, loamy glacial till of the Wolf Creek or Alburnett formations. Silurian, Devonian, and Pennsylvanian sedimentary bedrock (shale, dolomite, and limestone) underlies the Quaternary glacial deposits (IGS, 2009).

### 1.5.2 Hydrogeology

The AASF is in the Northeast IA Groundwater Province within the boundaries of the Cambrian-Ordovician and the Silurian-Devonian bedrock aquifers. The Silurian-Devonian Aquifer serves rural, public, and industrials uses in eastern and northern IA (IGS, 2017a). Wells tapping the Silurian-Devonian Aquifer are typically 100 to 700 feet deep. The Cambrian-Ordovician Aquifer is a widespread source of water for high capacity wells, extensively used by municipalities and industries in eastern IA. Wells tapping the Cambrian-Ordovician Aquifer are typically 300 to 2,000 feet deep (IGS, 2017b). Alluvial aquifers are generally not used as production wells in the Northeast IA Groundwater Province as the bedrock aquifers are more productive and reliable, although alluvial aquifer utilization does occur along the larger rivers such as the lowa, Cedar, and Wapsipinicon (Iowa Geological and Water Survey, 2011). Groundwater flow at the facility is inferred to be generally to the southeast toward the Mississippi River (**Figure 1-2**).

No potable water wells are located within the current AASF; however, private and public supply wells exist within one mile of the facility (**Figure 1-2**). Drinking water for the AASF is supplied by the City of Davenport via the Iowa American Water Company, which uses surface water from the Mississippi River as the water source (Iowa American Water, 2017).

# 1.5.3 Hydrology

The AASF is in the Crow Creek watershed, and tributaries leading to Crow Creek are located less than 0.5 mile east of the AASF (**Figure 1-3**).

Regional surface water features include the Mississippi River. Water diverted from the Mississippi River is used for irrigation and processed by the East River Station treatment facility for domestic use in the area near the AASF (Iowa American Water, 2017).

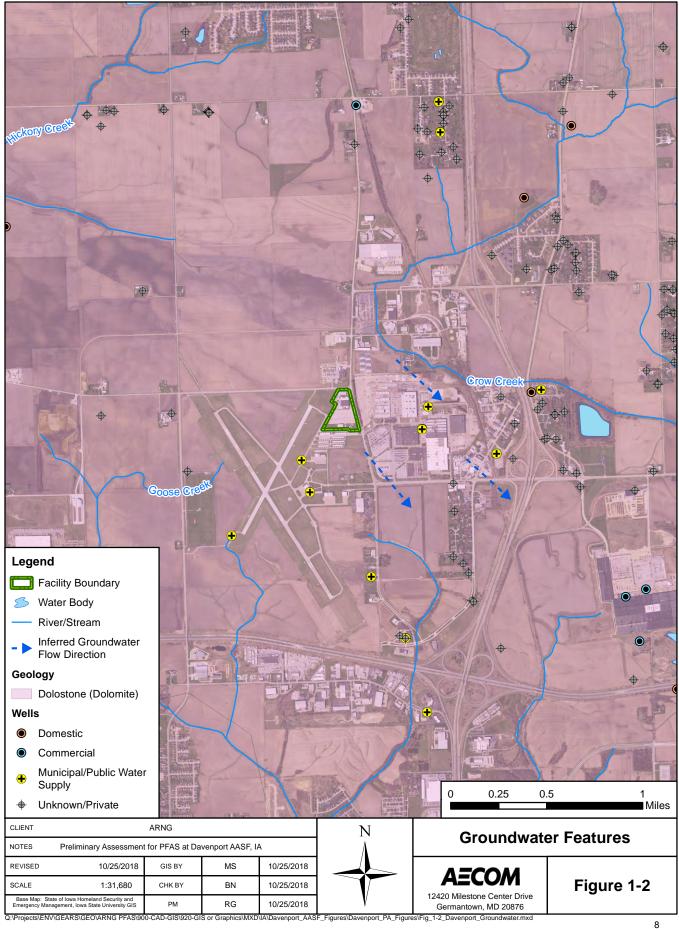
### 1.5.4 Climate

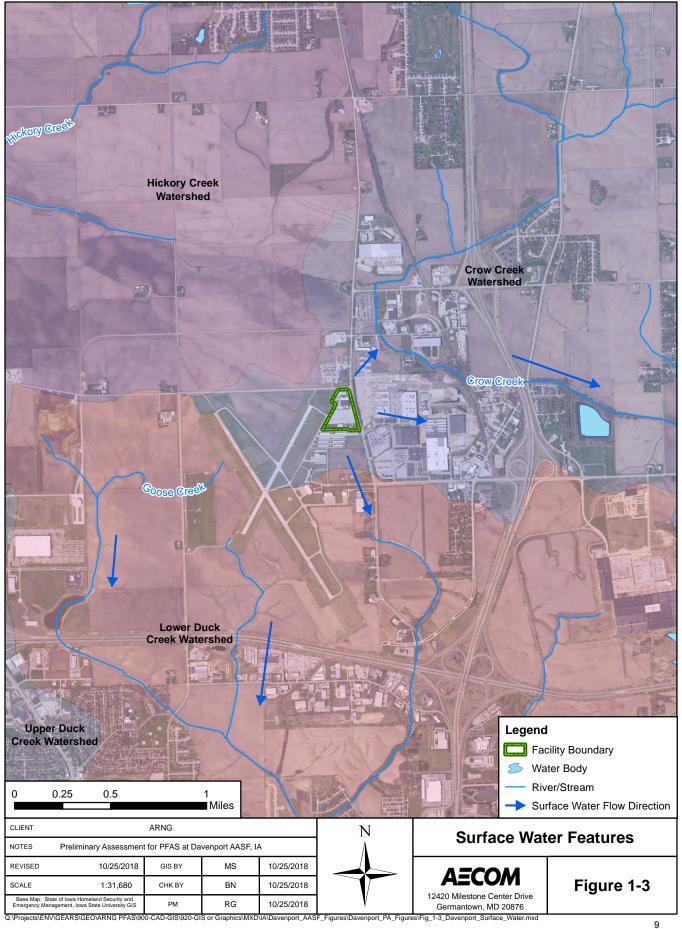
The climate at the AASF is humid continental with warm summers, cold winters, and wet springs. The average temperature is 59 degrees Fahrenheit (°F). Seasonally, temperatures vary from summer highs of 82 °F to winter lows of 16 °F (World Climate, 2018). Average precipitation is 36 inches. The prevailing wind is southerly, averaging 9 miles per hour, with gust speeds of 71 miles per hour (National Weather Service Forecast Office, 2018).

### 1.5.5 Current and Future Land Use

The AASF is a controlled access facility and is adjacent to the Davenport Municipal Airport. The Davenport Municipal Airport is owned and operated by the City of Davenport and provides commercial and general air service to the Davenport area and southeast IA. Future land use is not anticipated to change.







# 2. Fire Training Areas

One FTA was identified at the AASF facility during the PA. A description of the FTA is presented below, and the FTA is shown on **Figure 2-1**. Interview records appear in **Appendix B**. Photographs appear in **Appendix C**.

# 2.1 Wash Rack

# 2.1.1 Fire Extinguishers

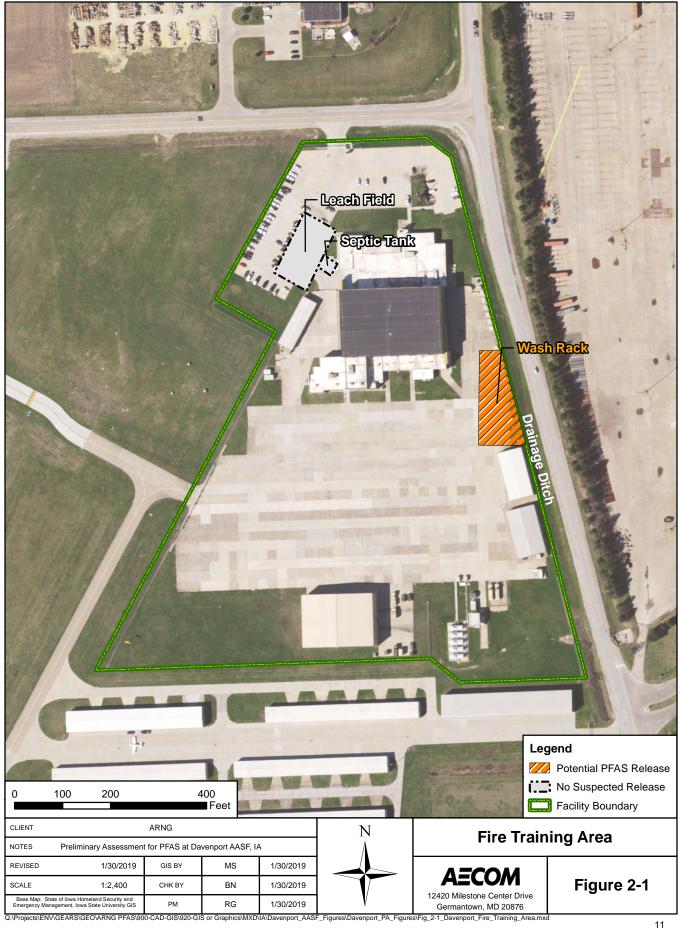
The AASF facility houses two TriMax-3, two TriMax-30, and one TriMax-60 fire extinguishers inside the hangar. Dry chemical agents with potassium bicarbonate base are stored on the ramp. Approximately every five years the TriMax fire extinguishers are turned in for hydrostatic testing. Prior to turn in, all fire extinguishers are emptied at the wash rack on the ramp by the IAARNG. The geographic coordinates of the wash rack are 41°37'00.3"N and 90°34'50.4"W. Currently, the wash rack empties to the sanitary sewer; however, prior 1994, the Davenport AASF was served by a septic system, during which time the wash rack effluent flowed through an oil-water separator prior to being discharged to the adjacent ditch. The septic system and associated lateral percolation pipes were located on the opposite (west) side of the AASF than the wash rack and adjacent ditch.

Bulk AFFF is stored at the facility and used to refill the TriMax fire extinguishers upon return from hydrostatic testing. According to interviewees, the fire extinguishers are filled using a funnel, and no spills have occurred. During the VSI, one 5-gallon container of three percent alcohol resistant-AFFF was observed.

### 2.1.2 Fire Truck

A fire truck equipped with AFFF and Purple K dry chemical was housed on the eastern end of the AASF, near the wash rack, until the early 2000s. The fire truck was taken annually to the Peoria, IL airport for training and nozzle testing by the IAARNG. Following training exercises, the fire truck was returned to the AASF and washed at the wash rack. No information was available as to when training began or how frequently it occurred; however, training exercises ended in the early 2000s, and the truck was returned to Camp Dodge. No information was available regarding the type or amount of AFFF used during training exercises; however, the fire truck had a 1200 gallon tank.

No remediation activities have occurred at the wash rack.



# 3. Non-Fire Training Areas

No non-FTAs where AFFF was stored and/or potentially released were identified during the PA through interviews.

# 4. Emergency Response Areas

No emergency response areas were identified during the PA through interviews. All emergency services for the AASF are currently provided by the City of Davenport.

# 5. Adjacent Sources

Four potential off-facility sources of PFAS adjacent to the AASF, not under the control of the IAARNG, were identified during the PA. A description of each adjacent source is presented below, and the adjacent sources are shown on **Figure 5-1**.

### 5.1 Former AASF

The former AASFF was located due south of the current AASF (**Figure 5-1**) in buildings leased from the City Davenport from 1962 to 1974. The geographic coordinates are 41°36'42.86"N and 90°35'6.44"W. No information was available regarding the presence or use of AFFF at the former AASF. The AASF moved to the current location in 1974.

### 5.2 1992 Air Show Aircraft Crash

On 29 June 1992, an AV-8B Harrier II crashed on take-off during the Quad-City Air Show in the northeast quadrant of Slopertown Road and 155<sup>th</sup> Avenue (**Figure 5-1**). The geographic coordinates are 41°37'08.0"N and 90°35'50.7"W. The IAARNG and the City of Davenport Fire Department responded to the crash, and an unknown amount of AFFF was dispensed at the crash site by the IAARNG. Following the incident, the fire truck was washed at the wash rack.

### 5.3 2012 Air Show Aircraft Crash

On 1 September 2012, an L-39C single engine turbo jet crashed during a Quad-City Air Show maneuver into a field north of Interstate-80 and west of 155<sup>th</sup> Avenue, approximately 1.5 miles southwest of the AASF (**Figure 5-1**). The geographic coordinates are 41°36'06.1"N and 90°36'06.0"W. The City of Davenport Fire Department responded to the crash. No information was available regarding the use of AFFF to extinguish the fire.

# 5.4 Davenport Municipal Airport Car Crash

On 30 June 2018, a car attempting to evade police crashed into a fuel tank at the Davenport Municipal Airport (**Figure 5-1**). The geographic coordinates are 41°36'43.0"N and 90°35'07.3"W. The car started on fire, but the fuel tank did not. The City of Davenport Fire Department responded to the fire. No information was available regarding the use of AFFF to extinguish the fire.



# 6. Conceptual Site Model

Based on the PA findings, one AOI was identified at the AASF: AOI 1 Wash Rack. The AOI location is shown on **Figure 6-1**. The following sections describe the CSM components and the specific CSM developed for AOI 1. The CSM identifies the three components necessary for a potentially complete exposure pathway: (1) source, (2) pathway, (3) receptor. If any of these elements are missing, the pathway is considered incomplete.

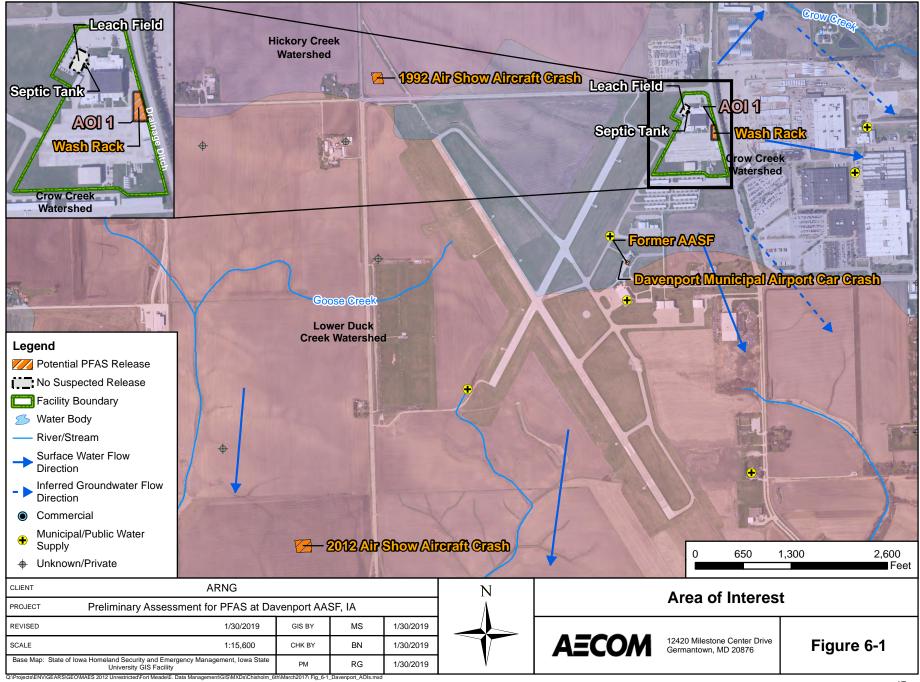
In general, the potential PFAS exposure pathways are ingestion and inhalation. Dermal contact is not considered to be a potential exposure pathway as studies have shown very limited absorption of PFAS through the skin (NGWA, 2018). Receptors at the AASF include site workers, construction workers, trespassers, and off-facility residents. The CSM for the AASF (**Figure 6-2**) indicates which specific receptors could potentially be exposed to PFAS.

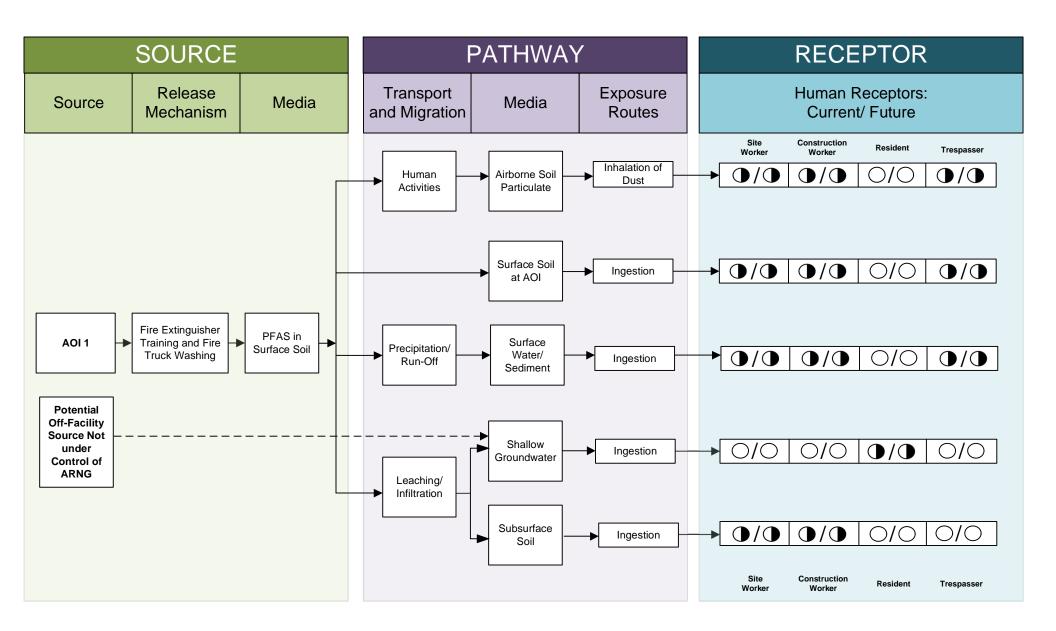
# 6.1 AOI 1 Wash Rack

AOI 1 is the wash rack located on the AASF ramp. PFAS was released to the wash rack drain at AOI 1 by the IAARNG every five years from 1998 to present day when the contents of the TriMax-3, TriMax-30, and TriMax 60 fire extinguishers were emptied at the wash rack prior to hydrostatic testing. Additionally, prior to the 2000s, a fire truck was housed at the AASF. The fire truck was taken annually to Peoria, IL airport for training and nozzle testing by the IAARNG and then washed at the wash rack upon its return to the AASF.

The concrete surrounding the wash rack drain is sloped downward toward the drain in all directions, directing flow into the drain. Currently the wash rack drains to the sanitary sewer; however, before 1994 the wash rack effluent flowed through an oil-water separator prior to being discharged to the adjacent ditch, potentially releasing PFAS to surface water and sediment and surface soil.

Ground-disturbing activities to surface soil and surface water and sediment at AOI 1 could result in site worker, construction worker, and trespasser exposure to potential PFAS contamination. Therefore, the exposure pathways for inhalation of soil particles and ingestion of soil are potentially complete for these receptors. Ground-disturbing activities to subsurface soil could result in site and construction worker exposure via inhalation of soil particles and ingestion of subsurface soil. Therefore, the inhalation and ingestion pathways for these receptors are considered potentially complete. The AASF drinking water is supplied by the City of Davenport; however, private wells and public supply wells are present to the north, south, east, and west of the AASF. Groundwater flow at the AASF is inferred to be to the southeast; therefore, these wells are downgradient of AOI 1. Therefore, the ingestion exposure pathway for the groundwater is potentially complete for off-facility residents. The CSM for the AASF is shown on **Figure 6-2**.







Flow-Chart Continues

Partial / Possible Flow

Incomplete Pathway

Potentially Complete Pathway

Complete Pathway

Figure 6-2 Conceptual Site Model AOI 1 Wash Rack

# 7. Conclusions

This report presents a summary of available information gathered during the PA with respect to the use and storage of AFFF and other PFAS-related activities at the AASF. The PA findings are based on the information presented in **Appendix A** and **Appendix B**.

# 7.1 Findings

One AOI related to potential PFAS release was identified at the AASF during the PA (Figure 7-1):

Area of Interest	Name	Used by	Potential Release Dates
AOI 1	Wash Rack	IAARNG	1974 to Present Day

Based on potential PFAS releases at this AOI, there is potential for exposure to PFAS contamination in surface soil, surface water, sediment, and groundwater for site workers, onsite construction workers, and trespassers; and subsurface soil for onsite construction workers. In addition, off-facility residents using groundwater for drinking water surrounding the facility may potentially be exposed to migrating PFAS contamination if the nearby groundwater pathway is determined to be complete.

The following area discussed in **Section 2** was determined to have no suspected release:

No Suspected Release Area	Used by	Rationale for No Suspected Release Determination	
Septic System and Leach Field	IAARNG	During the time the AASF was served by the septic system, the wash rack effluent flowed through an oil-water separator prior to being discharged to the adjacent ditch. The septic system and associated lateral percolation pipes were located on the opposite side of the AASF than the wash rack and adjacent ditch.	

# 7.2 Uncertainties

A number of information sources were investigated during this PA to determine the potential for PFAS-containing materials to have been present, used, or released at the facility. Historically, documentation of PFAS use was not required because PFAS were considered benign. Therefore, records were not typically kept by the facility or available during the PA with respect to the use of PFAS in training, firefighting, other non-traditional activities, or its disposition.

The conclusions of this PA are predominantly based on the information provided during interviews with personnel who had direct knowledge of PFAS use at the facility. Sometimes the provided information was vague or conflicted with other sources. Gathered information has a degree of uncertainty due to the absence of written documentation, the limited number of personnel with direct knowledge due to staffing changes, the time passed since PFAS was first used (1969 to present), and a reliance on personal recollection. Inaccuracies may arise in potential PFAS release locations, dates of release, volume of releases, and the concentration of AFFF used. There is also a possibility the PA has missed a source of PFAS, as the science of how PFAS may enter the environment continually evolves.

In order to minimize the level of uncertainty, readily available data regarding the use and storage of PFAS were reviewed, retired and current personnel were interviewed, multiple persons were interviewed for the same potential source area, and potential source areas were visually inspected.

The following table summarizes the uncertainties associated with the PA:

Area of Interest	Source of Uncertainty
AOI 1 Wash Rack	No or limited information about PFAS use or storage prior to 1998.
AOI 1 Wash Rack	No information was available regarding when the fire truck began training exercises or the type or amount of AFFF using during training exercises.

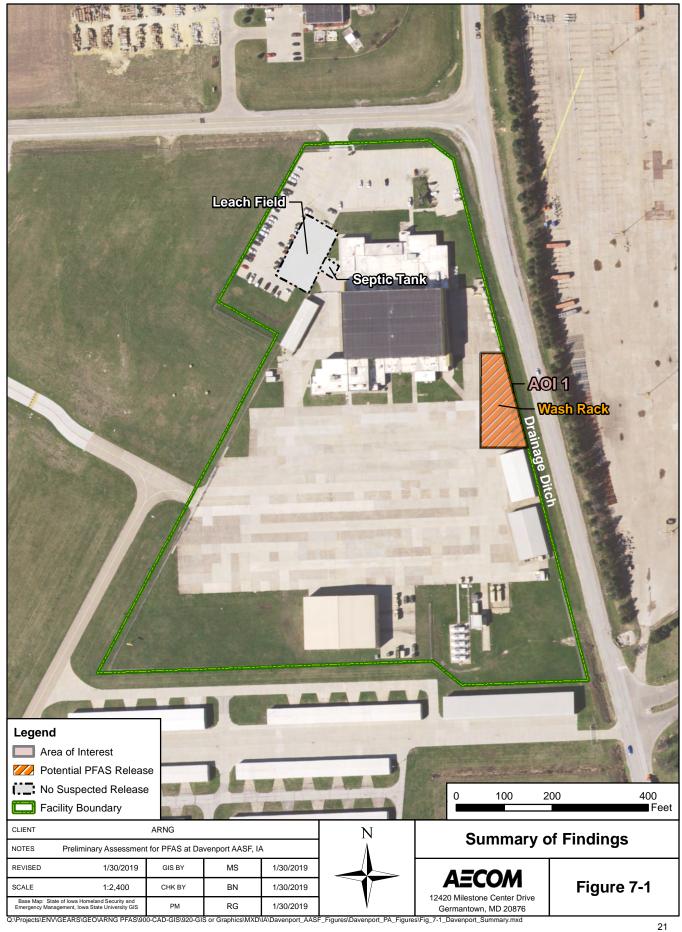
Potential off-facility PFAS release areas exist upgradient, side gradient, and downgradient of the AASF. Because there is little to no information about AFFF use or storage at these areas, it is unknown whether or not the off-facility sources effect the AASF.

### 7.3 Potential Future Actions

Interviews and records (covering 1998 to present) indicate that ARNG activities may have resulted in potential PFAS releases at the AOI identified during the PA. Based on the CSM developed for the AOI, there is potential for receptors to be exposed to PFAS contamination in soil, groundwater, surface water, and sediment at this AOI. The following table summarizes the rationale used to determine if the AOI should be considered for further investigation under the CERCLA process and undergo a Site Inspection (SI).

ARNG evaluates the need for an SI at the Davenport AASF based on the presence of a PFAS release, potential receptors, and the migration potential of PFAS contamination to receptors.

Area of Interest	AOI Location	Rationale	Potential Future Action
AOI 1 Wash Rack	41°37'00.3"N and 90°34'50.4"W	Tri-Max fire extinguishers emptied every five years from 1998 to the present. Fire truck washing after annual off-facility AFFF training.	Proceed to an SI, focus on soil, groundwater, surface water, sediment



# 8. References

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# **Appendix A Data Resources**

Data Resources will be provided separately on CD. Data Resources for the Davenport Army Aviation Support Facility include:

# **Davenport AASF PFAS Release Information**

- 2018 Davenport AASF Map
- 2018 Davenport AASF Surrounding Sources Map

### **Davenport AASF Facility Maps**

- 2018 Davenport AASF Well Map
- 1972 Davenport AASF Original Construction Drawings
- 2003 Davenport AASF Site Layout Drawing

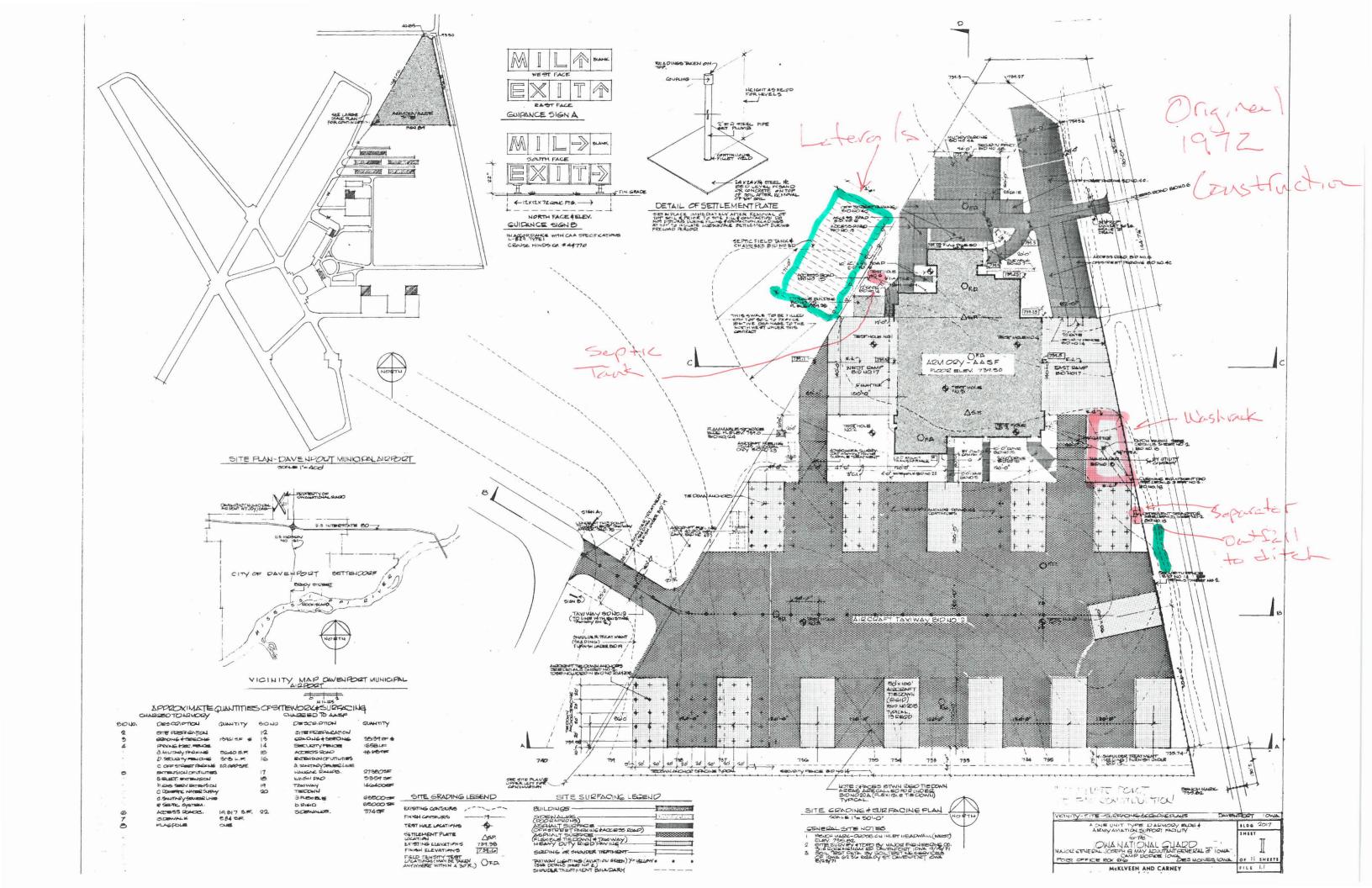
### **Davenport AASF EDR Report**

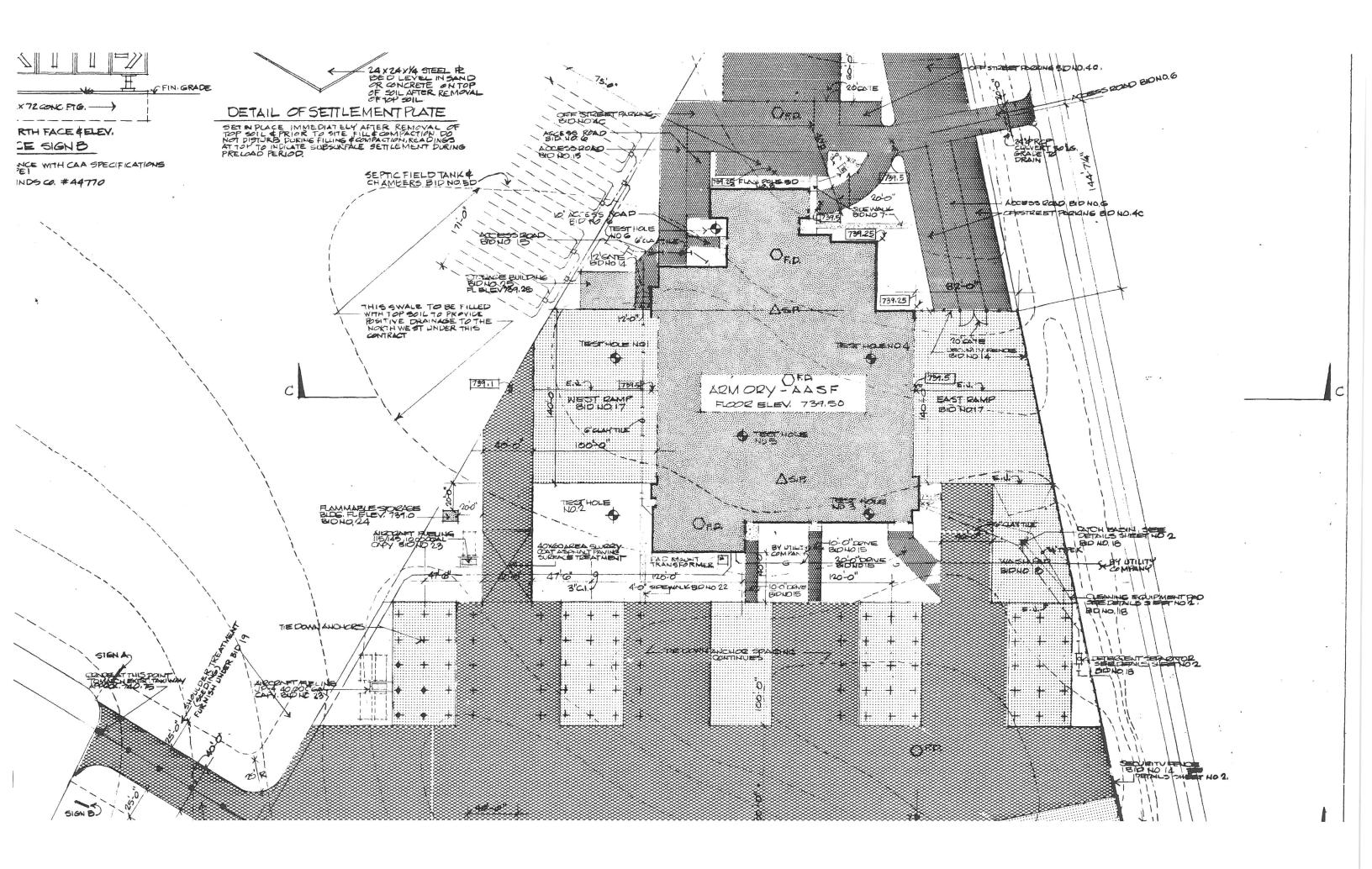
• 2018 Davenport AASF Environmental Data Resource Report

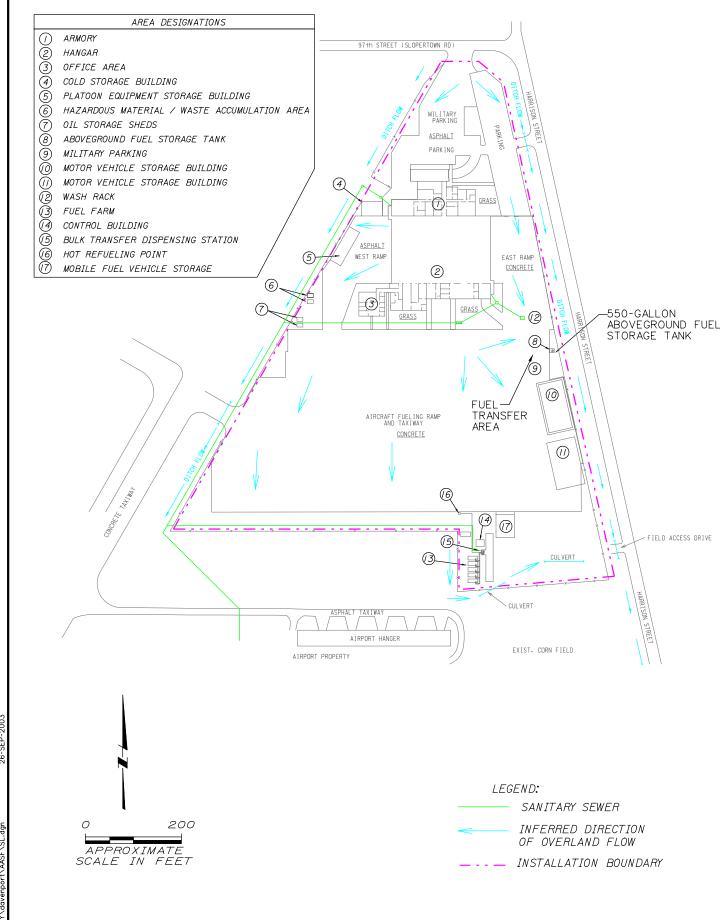














Des Moines lowa

IOWA ARMY NATIONAL GUARD DAVENPORT INSTALLATION DAVENPORT, IOWA

SITE LAYOUT

FIGURE

Fax To: AECOM

**Contact: Brittany Kirchmann** 

Fax: 000-000-0000 Date: 10/16/2018 Fax From: Sean McLaughlin

**EDR** 

Phone: 1-800-352-0050

# EDR PUR-IQ® Report

"the intelligent way to conduct historical research"

for
Davenport AASF
9650 North Harrison Street
Davenport, IA 52806
Lat./Long. 41.61652 / 90.58158
EDR Inquiry # 5454349.2s

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports® comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

**Potential for EDR Historical (Prior Use) Coverage -** Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

**1. Building Permits:** Building Permits are available for 'DAVENPORT', IA (2006 - 2017).

2. City Directory: Coverage exists for portions of DAVENPORT, IA for 1923, 1954,

1964-1998, 2002

3. Fire Insurance Map: When you order online any EDR Package or the EDR Radius Map with

EDR Sanborn Map Search/Print, you receive site specific Sanborn

Map coverage information at no charge.

**4. Aerial Photograph:** Aerial photography coverage may exist for portions of Scott

County. Please contact your EDR Account Executive for information

about USGS photos available through EDR.

5. Topographic Map: The USGS 7.5 min. quad topo sheet(s) associated with this site:

Historical: Coverage exists for SCOTT County

Current: Target Property: TP | 2013 | 5941021 Davenport East, IA

Additional required for 1 Mile radius: N | 2013 | 5941031 Eldridge, IA

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs and historical topographic map resources available for Davenport, IA. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.



# **EDR - HISTORICAL SOURCE(S) ORDER FORM**

AECOM Brittany Kirchmann Account # 1861179

Davenport AASF 9650 North Harrison Street Davenport, IA 52806 SCOTT County Lat./Long. 41.61652 / 90.58158 EDR Inquiry # 5454349.2s

Should you wish to change or add to your order, fax this form to your EDR account executive:

Sean McLaughlin Ph: 1-800-352-0050 Fax: 1-800-231-6802

Reports		
EDR Sanborn Map®Search/Print		
EDR Fire Insurance Map Abstract		
EDR Multi-Tenant Retail Facility® Re	port	
EDR City Directory Abstract		
EDR Aerial Photo Decade Package		
USGS Aerial 5 Package		
USGS Aerial 3 Package		
EDR Historical Topographic Maps		
Paper Current USGS Topo (7.5 min.)		
Environmental Lien Search		
Chain of Title Search		
NJ MacRaes Industrial Directory Rep	ort	
EDR Telephone Interview		
Shipping:		
Email Express, Next Day Delivery Express, Second Day Delivery Express, Next day Delivery Express, Second Day Delivery U.S. Mail	Customer Account Customer Account	RUSH SERVICE IS AVAILABLE Acct # Acct #

Davenport AASF 9650 North Harrison Street Davenport, IA 52806

Inquiry Number: 5454349.3

October 15, 2018

# **Certified Sanborn® Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

# **Certified Sanborn® Map Report**

10/15/18

Site Name: Client Name:

Davenport AASF AECOM

9650 North Harrison Street 12120 Shamrock Plaza Davenport, IA 52806 Omaha, NE 68154

EDR Inquiry # 5454349.3 Contact: Brittany Kirchmann



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AECOM were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Certification # EF02-4AB1-B613

PO# NA

Project Davenport AASF

#### **UNMAPPED PROPERTY**

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: EF02-4AB1-B613

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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# **Davenport AASF**

9650 North Harrison Street Davenport, IA 52806

Inquiry Number: 5454349.5

October 18, 2018

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

10/18/18

Site Name: Client Name:

Davenport AASF AECOM

9650 North Harrison Street 12120 Shamrock Plaza Davenport, IA 52806 Omaha, NE 68154

EDR Inquiry # 5454349.5 Contact: Brittany Kirchmann



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

#### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: May 18, 1994	USGS/DOQQ
1984	1"=500'	Flight Date: January 01, 1984	USGS
1975	1"=500'	Flight Date: January 01, 1975	USGS
1969	1"=500'	Flight Date: June 09, 1969	USDA
1956	1"=500'	Flight Date: June 28, 1956	USDA
1937	1"=500'	Flight Date: September 12, 1937	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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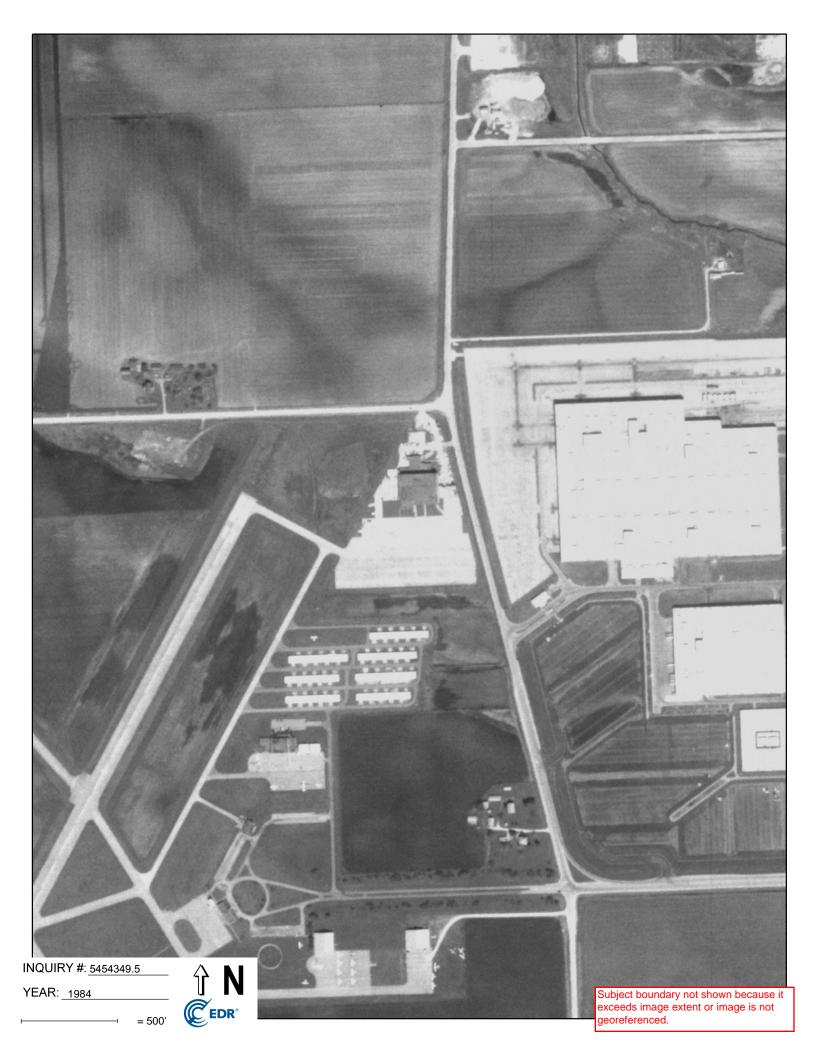


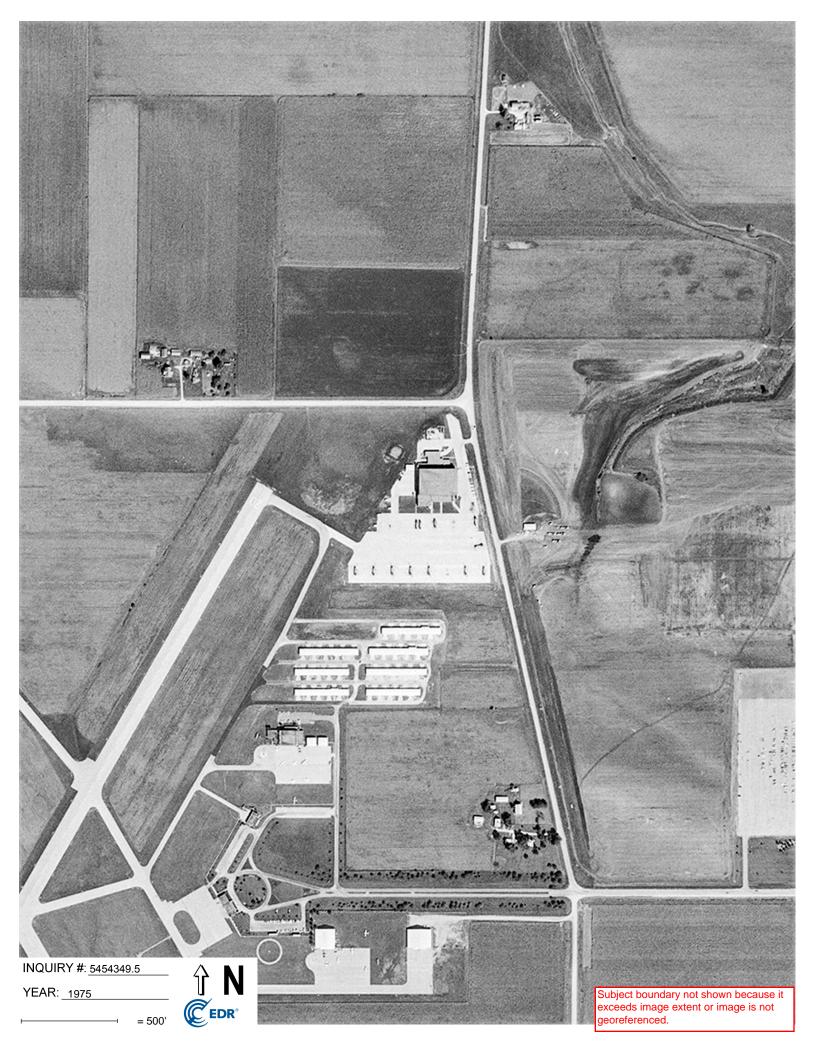


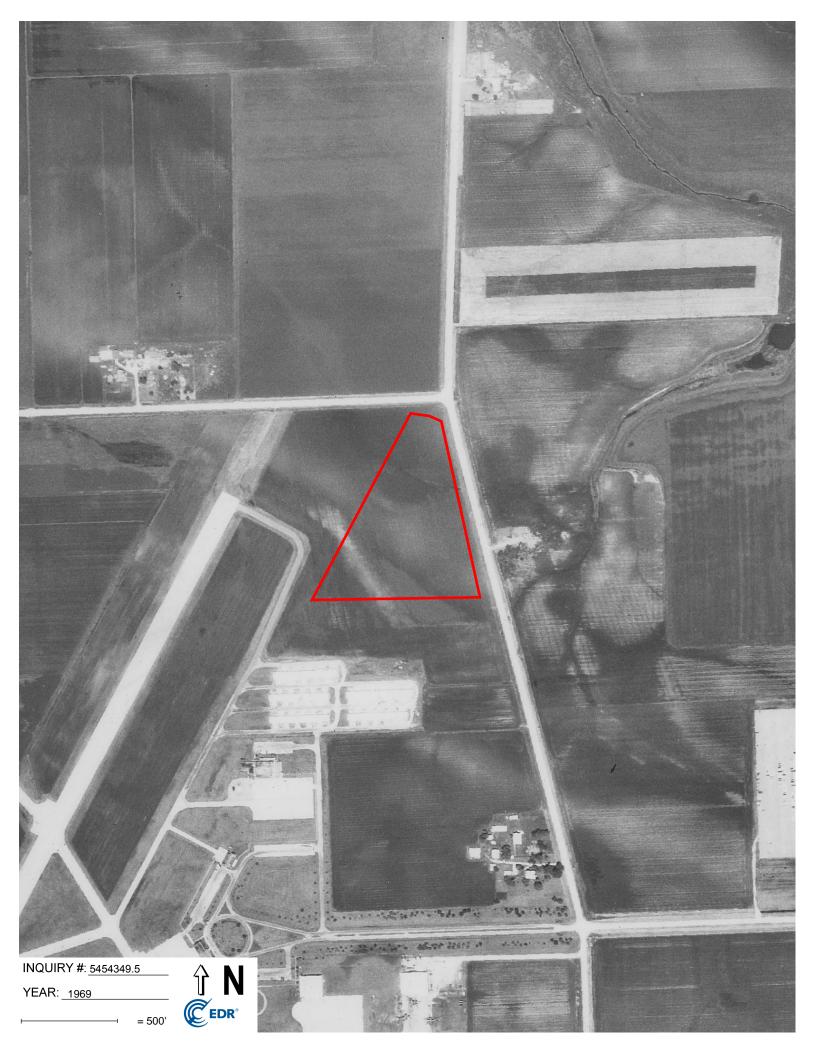


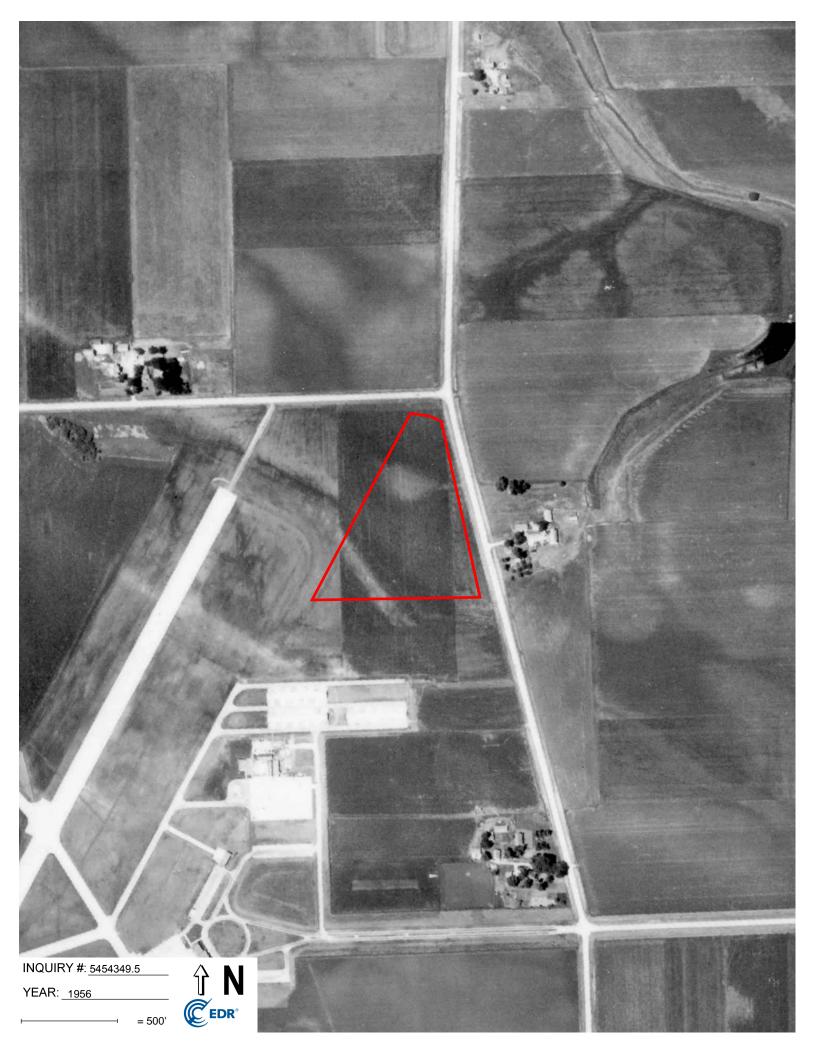


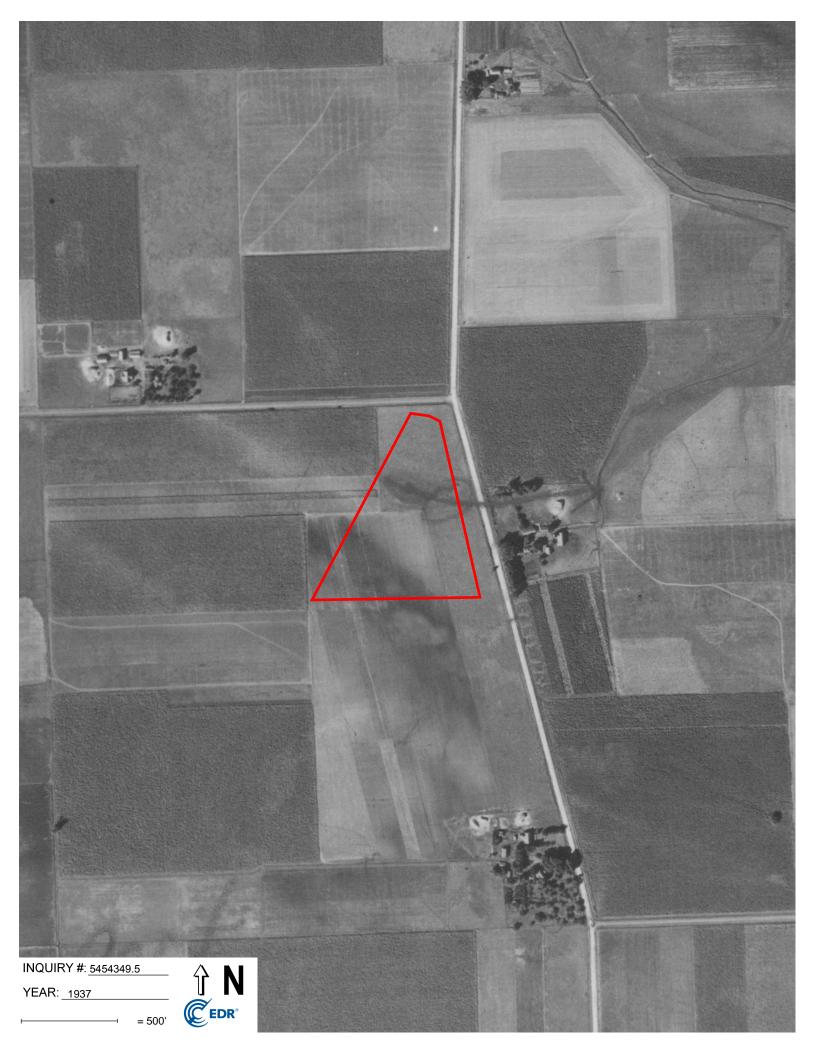












Davenport AASF 9650 North Harrison Street Davenport, IA 52806

Inquiry Number: 5454349.2s

October 16, 2018

# The EDR Radius Map™ Report with GeoCheck®



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**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

9650 NORTH HARRISON STREET DAVENPORT, IA 52806

#### **COORDINATES**

Latitude (North): 41.6165200 - 41° 36′ 59.47″ Longitude (West): 90.5815800 - 90° 34′ 53.68″

Universal Tranverse Mercator: Zone 15 UTM X (Meters): 701498.5 UTM Y (Meters): 4609812.5

Elevation: 746 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5941021 DAVENPORT EAST, IA

Version Date: 2013

North Map: 5941031 ELDRIDGE, IA

Version Date: 2013

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20150812 Source: USDA

## MAPPED SITES SUMMARY

Target Property Address: 9650 NORTH HARRISON STREET DAVENPORT, IA 52806

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
<u>ID</u>	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
A1	ARMY AVIATION	9650 HARRISON STREET	IA RGA LUST		TP
A2	IOWA ARMY NATIONAL G	9650 HARRISON ST	IA AIRS, IA TIER 2		TP
A3	DAVENPORT ARMY AVIAT	9650 HARRISON ST.	IA NPDES		TP
A4	IOWA ARMY NATIONAL G	9650 HARRISON ST	US AIRS		TP
A5	IOWA ARMY NATIONAL G	9650 HARRISON ST	RCRA-SQG, WI MANIFEST		TP
A6	IOWA ARMY NATIONAL G	9650 HARRISON ST.	IA NPDES		TP
A7	ARMY AVIATION	9650 HARRISON STREET	IA LUST, IA UST, IA Financial Assurance		TP
<b>A8</b>	IA ARNG DAVENPORT AV	9650 HARRISON ST	FINDS		TP
A9	IOWA ARMY NATIONAL G	9650 HARRISON STREET	FINDS, ECHO		TP
A10	ARMY AVIATION SUPPOR	9650 HARRISON ST.	IA NPDES		TP
A11	IA ARNG DAVENPORT AV	9650 HARRISON ST ROA	IA TIER 2		TP
A12	ARMY AVIATION	9650 HARRISON STREET	FINDS		TP
13	DAVENPORT MUNICIPAL	9230 HARRISON ST	IA AST	Higher	768, 0.145, SSE
B14	RIVER CITIES INDUSTR	200 EAST 90TH STREET	IA LAST, IA ALLSITES	Lower	1625, 0.308, East
B15	CATERPILLAR TRACTOR	200 E 90TH ST	CORRACTS, RCRA NonGen / NLR	Lower	1625, 0.308, East
16	MUNICIPAL AIRPORT	9010 HARRISON ST	IA LUST, IA UST, IA Financial Assurance	Higher	1687, 0.320, SSE

## TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ARMY AVIATION 9650 HARRISON STREET DAVENPORT, IA	IA RGA LUST Facility ID: 198605893 Facility ID: 5802	N/A
IOWA ARMY NATIONAL G 9650 HARRISON ST DAVENPORT, IA 52804	IA AIRS Status: MINOR EI Facility Id: 82-01-123	N/A
	IA TIER 2 Facility Id: 865	
DAVENPORT ARMY AVIAT 9650 HARRISON ST. DAVENPORT, IA 52806	IA NPDES	N/A
IOWA ARMY NATIONAL G 9650 HARRISON ST DAVENPORT, IA 52804	US AIRS Database: US AIRS MINOR, Date of Governm	N/A nent Version: 10/12/2016
IOWA ARMY NATIONAL G 9650 HARRISON ST DAVENPORT, IA 52806	RCRA-SQG EPA ID:: IAD981504251 WI MANIFEST ACT Status: A FID: 0 EPA ID: IAD981504251	IAD981504251
IOWA ARMY NATIONAL G 9650 HARRISON ST. DAVENPORT, IA 52806	IA NPDES	N/A
ARMY AVIATION 9650 HARRISON STREET DAVENPORT, IA 52804	IA LUST Facility Id: 5802 Leak Status: Stopped	N/A
	IA UST Facility Id: 6227 Registration: 198605893	
	IA Financial Assurance Database: Financial Assurance 1, Date of Gov Facility Id: 198605893	vernment Version: 08/30/2018
IA ARNG DAVENPORT AV 9650 HARRISON ST DAVENPORT, IA 52806	FINDS	N/A

Registry ID:: 110043624432

IOWA ARMY NATIONAL G FINDS N/A

9650 HARRISON STREET Registry ID:: 110001755967

DAVENPORT, IA 52806 ECHO

Registry ID: 110001755967

ARMY AVIATION SUPPOR IA NPDES N/A

9650 HARRISON ST. DAVENPORT, IA 52804

IA ARNG DAVENPORT AV IA TIER 2 N/A

9650 HARRISON ST ROA Facility Id: FAIDSIT2A00000865

DAVENPORT, IA 52806 State Id: IA

ARMY AVIATION FINDS N/A

9650 HARRISON STREET Registry ID:: 110036303149 DAVENPORT, IA 52804

#### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### STANDARD ENVIRONMENTAL RECORDS

## Federal NPL site list

NPL..... National Priority List

Proposed NPL..... Proposed National Priority List Sites

NPL LIENS..... Federal Superfund Liens

#### Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

#### Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing SEMS...... Superfund Enterprise Management System

Federal CERCLIS NFRAP si	te list
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
Federal RCRA non-CORRA	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators lis	
	RCRA - Large Quantity Generators RCRA - Conditionally Exempt Small Quantity Generator
Federal institutional control	s / engineering controls registries
US ENG CONTROLS	Land Use Control Information System Engineering Controls Sites List Sites with Institutional Controls
Federal ERNS list	
ERNS	Emergency Response Notification System
State- and tribal - equivalent	t CERCLIS
IA SHWS	Registry of Hazardous Waste or Hazardous Substance Disposal Sites
State and tribal landfill and/	or solid waste disposal site lists
IA SWF/LF	Permitted Solid Waste Management Facilities
State and tribal leaking stor	age tank lists
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
State and tribal registered s	torage tank lists
FEMA USTINDIAN UST	Underground Storage Tank Listing Underground Storage Tanks on Indian Land
State and tribal institutional	control / engineering control registries
IA INST CONTROL	Sites with Institutional Controls
State and tribal voluntary cl	eanup sites
IA VCPINDIAN VCP	Land Recycling Program Sites Voluntary Cleanup Priority Listing
State and tribal Brownfields	sites
IA BROWNFIELDS	Brownfields Site Listing
ADDITIONAL ENVIRONMENTAL	RECORDS
Local Brownfield lists	

US BROWNFIELDS..... A Listing of Brownfields Sites

#### Local Lists of Landfill / Solid Waste Disposal Sites

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

#### Local Land Records

IA LIENS..... Liens Filed Listing

LIENS 2..... CERCLA Lien Information

#### Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

IA SPILLS..... Spills Database

IA SPILLS 90 data from FirstSearch

#### Other Ascertainable Records

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION........... 2020 Corrective Action Program List

TSCA...... Toxic Substances Control Act

TRIS...... Toxic Chemical Release Inventory System

RAATS...... RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER\_\_\_\_\_ PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM..... EPA Fuels Program Registered Listing

IA COAL ASH..... Coal Ash Disposal Site Listing

IA DRYCLEANERS..... Iowa Drycleaner List

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

IA RGA HWS\_\_\_\_\_\_Recovered Government Archive State Hazardous Waste Facilities List

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
CATERPILLAR TRACTOR	200 E 90TH ST	E 1/4 - 1/2 (0.308 mi.)	B15	28	
EPA ID:: IAD049997125					

#### State and tribal leaking storage tank lists

IA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Underground Storage Tank Data list.

A review of the IA LUST list, as provided by EDR, and dated 08/30/2018 has revealed that there is 1 IA LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MUNICIPAL AIRPORT Facility Id: 3574 Facility Id: 3575	9010 HARRISON ST	SSE 1/4 - 1/2 (0.320 mi.)	16	32
Leak Status: Stopped				

IA LAST: N/A.

A review of the IA LAST list, as provided by EDR, and dated 07/16/2018 has revealed that there is 1 IA LAST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RIVER CITIES INDUSTR	200 EAST 90TH STREET	E 1/4 - 1/2 (0.308 mi.)	B14	27
Site ID: 61 Site Status Description: Closed				

#### State and tribal registered storage tank lists

IA AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Aboveground Storage Tank Data list.

A review of the IA AST list, as provided by EDR, and dated 07/31/2018 has revealed that there is 1 IA AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAVENPORT MUNICIPAL Registration Number: 21421 Registration Number: 23601 Registration Number: 23602	9230 HARRISON ST	SSE 1/8 - 1/4 (0.145 mi.)	13	26

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Lists of Hazardous waste / Contaminated Sites

IA ALLSITES: All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory complinace programs and actions.

A review of the IA ALLSITES list, as provided by EDR, and dated 07/16/2018 has revealed that there is

1 IA ALLSITES site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RIVER CITIES INDUSTR	200 EAST 90TH STREET	E 1/4 - 1/2 (0.308 mi.)	B14	27

Status: Closed Site Id Number: 61

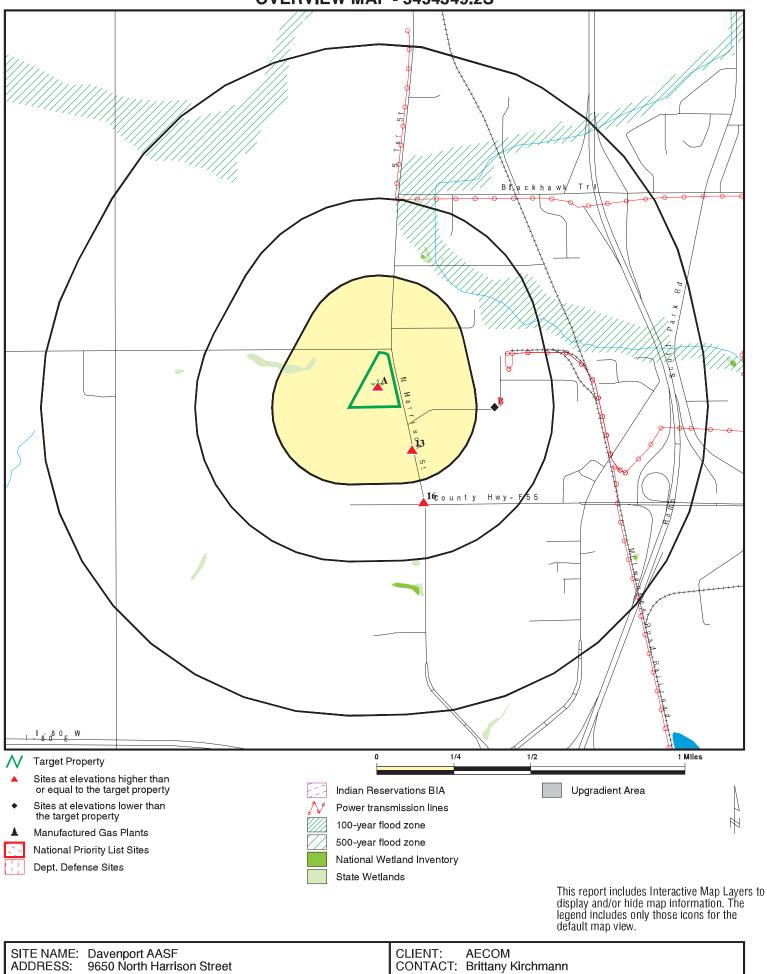
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

 Site Name
 Database(s)

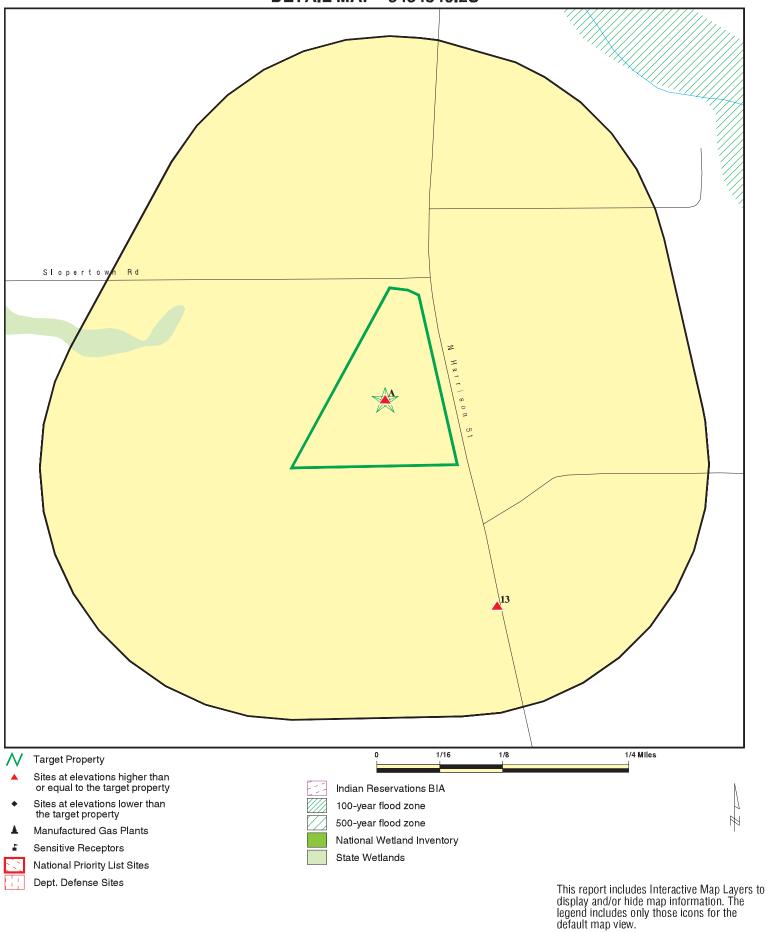
 CITY OF DAVENPORT - NORTH HARRISON
 IA NPDES

 KRAFT HEINZ - DAVENPORT
 FINDS

## **OVERVIEW MAP - 5454349.2S**



## **DETAIL MAP - 5454349.2S**



SITE NAME: Davenport AASF

9650 North Harrison Street Davenport IA 52806

41.61652 / 90.58158

ADDRESS:

LAT/LONG:

October 16, 2018 8:52 am

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CLIENT: AECOM CONTACT: Brittany Kirchmann

INQUIRY#: 5454349.2s

DATE:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
STANDARD ENVIRONMENTAL RECORDS									
Federal NPL site list									
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL sit	e list								
Delisted NPL	1.000		0	0	0	0	NR	0	
Federal CERCLIS list									
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0	
Federal CERCLIS NFRA	P site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0	
Federal RCRA CORRAC	TS facilities li	st							
CORRACTS	1.000		0	0	1	0	NR	1	
Federal RCRA non-COR	RACTS TSD f	acilities list							
RCRA-TSDF	0.500		0	0	0	NR	NR	0	
Federal RCRA generator	rs list								
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250	1	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 1 0	
Federal institutional con engineering controls reg									
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	TP		NR	NR	NR	NR	NR	0	
State- and tribal - equiva	alent CERCLIS	3							
IA SHWS	1.000		0	0	0	0	NR	0	
State and tribal landfill a solid waste disposal site									
IA SWF/LF	0.500		0	0	0	NR	NR	0	
State and tribal leaking	storage tank l	ists							
IA LUST IA LAST INDIAN LUST	0.500 0.500 0.500	1	0 0 0	0 0 0	1 1 0	NR NR NR	NR NR NR	2 1 0	
State and tribal registere	ed storage tar	ık lists							
FEMA UST	0.250		0	0	NR	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
IA UST IA AST INDIAN UST	0.250 0.250 0.250	1	0 0 0	0 1 0	NR NR NR	NR NR NR	NR NR NR	1 1 0
State and tribal institutio control / engineering cor		s						
IA INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary	/ cleanup site	es						
IA VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfields sites								
IA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>3</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500		0 0 0	0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL IA ALLSITES IA DEL SHWS US CDL	TP 0.500 1.000 TP		NR 0 0 NR	NR 0 0 NR	NR 1 0 NR	NR NR 0 NR	NR NR NR NR	0 1 0 0
Local Land Records								
IA LIENS LIENS 2	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Records of Emergency R	Release Repo	rts						
HMIRS IA SPILLS IA SPILLS 90	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST	0.250 1.000 1.000 0.500 TP TP		0 0 0 0 NR NR	0 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 0 NR NR NR	NR NR NR NR NR NR	0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
2020 COR ACTION	0.250		0	0	NR	NR	NR	0		
TSCA	TP		NR	NR	NR	NR	NR	0		
TRIS	TP		NR	NR	NR	NR	NR	Ö		
SSTS	TP		NR	NR	NR	NR	NR	0		
ROD	1.000		0	0	0	0	NR	0		
RMP	TP		NR	NR	NR	NR	NR	0		
RAATS	TP		NR	NR	NR	NR	NR	0		
PRP	TP		NR	NR	NR	NR	NR	0		
PADS	TP		NR	NR	NR	NR	NR	0		
ICIS	TP		NR	NR	NR	NR	NR	0		
FTTS MLTS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0		
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0		
COAL ASH EPA	0.500		0	0	0	NR	NR	0		
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0		
RADINFO	TP		NR	NR	NR	NR	NR	Ö		
HIST FTTS	TP		NR	NR	NR	NR	NR	0		
DOT OPS	TP		NR	NR	NR	NR	NR	0		
CONSENT	1.000		0	0	0	0	NR	0		
INDIAN RESERV	1.000		0	0	0	0	NR	0		
FUSRAP	1.000		0	0	0	0	NR	0		
UMTRA	0.500		0	0	0	NR	NR	0		
LEAD SMELTERS	TP	4	NR	NR	NR	NR	NR	0		
US AIRS US MINES	TP 0.250	1	NR 0	NR 0	NR NR	NR NR	NR NR	1 0		
ABANDONED MINES	0.250		0	0	NR NR	NR NR	NR NR	0		
FINDS	TP	3	NR	NR	NR	NR	NR	3		
ECHO	TP	1	NR	NR	NR	NR	NR	1		
UXO	1.000	·	0	0	0	0	NR	Ö		
DOCKET HWC	TP		NR	NR	NR	NR	NR	0		
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0		
IA AIRS	TP	1	NR	NR	NR	NR	NR	1		
IA COAL ASH	0.500		0	0	0	NR	NR	0		
IA DRYCLEANERS	0.250		0	0	NR	NR	NR	0		
IA Financial Assurance	TP	1	NR	NR	NR	NR	NR	1		
WI MANIFEST IA NPDES	0.250 TP	1	0 ND	0 ND	NR NR	NR	NR	1		
IA TIER 2	TP	3 2	NR NR	NR NR	NR NR	NR NR	NR NR	3 2		
EDR HIGH RISK HISTORICAL RECORDS										
EDR Exclusive Records										
EDR MGP	1.000		0	0	0	0	NR	0		
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0		
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0		
EDR RECOVERED GOVERNMENT ARCHIVES										
Exclusive Recovered Govt. Archives										
IA RGA HWS	TP		NR	NR	NR	NR	NR	0		
IA NGA HWO	11.		INIX	INL	INIX	INIX	INIX	U		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
IA RGA LUST	TP	1	NR	NR	NR	NR	NR	1
- Totals		17	0	1	4	0	0	22

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

Α1 **ARMY AVIATION** IA RGA LUST S116257373 9650 HARRISON STREET **Target** N/A

**Property** DAVENPORT, IA

Site 1 of 12 in cluster A

Actual: 746 ft.

RGA LUST:

ARMY AVIATION 2012 9650 HARRISON STREET 2011 ARMY AVIATION 9650 HARRISON STREET 2009 ARMY AVIATION 9650 HARRISON STREET 2007 ARMY AVIATION 9650 HARRISON STREET 2006 ARMY AVIATION 9650 HARRISON STREET 2005 ARMY AVIATION 9650 HARRISON STREET 2004 ARMY AVIATION 9650 HARRISON STREET 9650 HARRISON STREET 2003 ARMY AVIATION

**IOWA ARMY NATIONAL GUARD - AASFS - DAVENPORT A2** IA AIRS S113718598 **Target** 9650 HARRISON ST IA TIER 2 N/A

**DAVENPORT, IA 52804 Property** 

Site 2 of 12 in cluster A

Actual: AIRS: 746 ft.

Facility Number: 82-01-123 Status: MINOR EI Closed?: Not reported Region: **EAST** Site ID: 100000042973

515 252-4396 Contact Phone: Facility Contact Phone: Not reported

Mailing Address: NGIA-DIM\_E, BLDG 3535, CAMP DODGE

Mailing Address 2: Not reported SIC Primary: Not reported NAICS Primary: Not reported

AIRS:

Facility ID: 82-01-123 NAICS Code: Not reported Year: 2015 PM25: Not reported PM10: Not reported SO2: Not reported NOX: Not reported VOC: Not reported CO: Not reported Not reported Lead: Not reported Ozone: Ammonia: Not reported HAP: Not reported Antimony: Not reported Arsenic: Not reported Beryllium: Not reported Cadmium: Not reported Chromium: Not reported Not reported Cobalt: Cokeoven: Not reported Cyanide: Not reported Finemat: Not reported Glycol: Not reported H2SO4: Not reported Manganese: Not reported Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

#### IOWA ARMY NATIONAL GUARD - AASFS - DAVENPORT (Continued)

S113718598

**EDR ID Number** 

Mercury: Not reported Nickel: Not reported Pom: Not reported Radionclide: Not reported Selenium: Not reported

TIER 2:

 Report Year:
 2017

 Facility Id:
 865

 Id:
 9711

Description: NATIONAL SECURITY SIC

Last Modified: Not reported

ld: 928110

Description: National Security NAICS

Last Modified: Not reported

State Id: Not reported

Fire District: Davenport Fire Department

Site Map:

Site Coord Abbreviation:

Date Signed:

Date Modified:

Dike Or Other Safeguard:

Mailing Address:

Mot reported

Not reported

Mail State: IA

Mail Zip: Not reported Latitude: 41.61728 Longitude: -90.58109 Notes: Not reported

Contact:

Report Year: 2017
Contact Id: 199181
Date Modified: Not reported
First Name: Harlan
Last Name: Ratcliff
Title: Not reported

Email: harlan.r.ratcliff.nfg@mail.mil
Address: 7105 NW 70th Avenue

 City:
 Johnston

 Country:
 US

 State:
 IA

 Zip Code:
 50131

Type1: Owner / Operator
Last Modified: Not reported
Telephone: 515-252-4396

Telephone Type: Work

Chemical:

 Report Year:
 2017

 Chem Inv Record Id:
 5031

 CICAS:
 8008-20-6

 EHS Chemical:
 Not reported

Chemical Name: Jet Fuel Kerosene (F24)

Acute: Not reported

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

#### IOWA ARMY NATIONAL GUARD - AASFS - DAVENPORT (Continued)

S113718598

**EDR ID Number** 

Ave Amount: 226000 Ave Amount Code: 10 346000 Max Amount: Max Amount Code: 10 Chronic: Not reported

Not reported Last Modified: Days On Site: 365

Fire: Not reported Gas: Not reported Liquid: True Mixture: True Pressure: Not reported

Pure: Not reported Reactive: Not reported Solid: Not reported Trade Secret: Not reported

Report Year: 2016 Facility Id: 865

State Id: Not reported

Fire District: Davenport Fire Department

Site Map: Not reported Site Coord Abbreviation: Not reported Date Signed: 01/14/2008 Date Modified: 01/06/2017 Dike Or Other Safeguard: Not reported Mailing Address: Not reported Mail City: Not reported

Mail State: IΑ Mail Zip: Not reported Latitude: 41.61728 Longitude: -90.58109 Not reported

Report Year: 2015 Facility Id: 865 State Id: Not reported

Notes:

Fire District: Davenport Fire Department

Not reported Site Map: Site Coord Abbreviation: Not reported Date Signed: 01/14/2008 Date Modified: 01/14/2016 Dike Or Other Safeguard: Not reported Mailing Address: Not reported Mail City: Not reported Mail State: IΑ

Mail Zip: Not reported Latitude: 41.61728 Longitude: -90.58109 Notes: Not reported

2014 Report Year: Facility Id: 865

State Id: Not reported

Fire District: **Davenport Fire Department** 

Site Map: Not reported

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### IOWA ARMY NATIONAL GUARD - AASFS - DAVENPORT (Continued)

S113718598

Site Coord Abbreviation: Not reported 01/14/2008 Date Signed: Date Modified: 02/06/2015 Dike Or Other Safeguard: Not reported Mailing Address: Not reported Mail City: Not reported

Mail State: IΑ

Mail Zip: Not reported Latitude: 41.61728 Longitude: -90.58109 Not reported Notes:

2013 Report Year: Facility Id: 865

State Id: Not reported

Fire District: Davenport Fire Department

Site Map: Not reported Site Coord Abbreviation: Not reported Date Signed: 01/14/2008 02/26/2014 Date Modified: Dike Or Other Safeguard: Not reported Mailing Address: Not reported Mail City: Not reported Mail State: IΑ Mail Zip: Not reported Latitude: 41.61728 Longitude: -90.58109 Notes: Not reported

#### А3 DAVENPORT ARMY AVIATION SUPPORT FACILITY - IOWA AR

IA NPDES S122540281

9650 HARRISON ST. N/A

**Property DAVENPORT, IA 52806** 

#### Site 3 of 12 in cluster A

Actual: NPDES: 746 ft.

**Target** 

Permit Number: Not reported Epa Npdes Id Number: Not reported Permit Expiration Date: 01/01/2011

Facility Name: DAVENPORT ARMY AVIATION SUPPORT FACILITY - IOWA ARMY NATIONAL GUAI

Facility Address1: 9650 HARRISON ST. Facility City: **DAVENPORT** Facility Phone Number: Not reported Facility Type: Not reported Facility Class: Not reported

Standard Industrial Classification Code: Not reported IOWA ARMY NATIONAL GUARD Owner Name:

Owner Add1: Not reported Owner Add2: Not reported Owner City: Not reported Owner State: Not reported Not reported Owner Zip: Owner Phone: Not reported Indr Regional/Field Office Number: Not reported Section: Not reported Township: Not reported Not reported Range: Not reported Latitude Degree:

Direction Distance

Elevation Site Database(s) EPA ID Number

#### DAVENPORT ARMY AVIATION SUPPORT FACILITY - IOWA ARMY NATIONA (Continued)

S122540281

1016935257

N/A

**US AIRS** 

**EDR ID Number** 

Longitude Degree: Not reported River Basin: Not reported Type Of Treatment: Not reported Design Number: Not reported Design Population Equivalent: Not reported Design Biochemical Oxygen Demand: Not reported Design Avg Dry Weather Flow (Mll Glns Per Dy): Not reported Design Avg Wet Weather Flow (MII Glns Per Dy): Not reported Operator Certification Facility Type: Not reported File No: 16658 Authorization No: 16421 Authorization Date: 01/01/2009 Permit Status: Discontinued

Permit Type: GP #2 - Construction Activity

Legal Status: State

A4 IOWA ARMY NATIONAL GUARD - DAVENPORT

Target 9650 HARRISON ST Property DAVENPORT, IA 52804

Site 4 of 12 in cluster A

Actual: US AIRS MINOR: 746 ft. Envid:

Envid: 1016935257

Region Code: 07

Programmatic ID: AIR IA0000001916300419

Facility Registry ID: 110001755967
D and B Number: Not reported
Primary SIC Code: 9711
NAICS Code: 928110
Default Air Classification Code: MIN
Facility Type of Ownership Code: STF

Air CMS Category Code: Not reported HPV Status: Not reported

US AIRS MINOR:

Envid: 1016935257

Region Code: 07

Programmatic ID: AIR IA0000001916300419

Facility Registry ID: 110001755967
D and B Number: Not reported
Primary SIC Code: 9711
NAICS Code: 928110
Default Air Classification Code: MIN
Facility Type of Ownership Code: STF
Air CMS Category Code: Not reported
HPV Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

A5 IOWA ARMY NATIONAL GUARD - AASF 3 RCRA-SQG 1000439561
Target 9650 HARRISON ST WI MANIFEST IAD981504251

Property DAVENPORT, IA 52806

Site 5 of 12 in cluster A

Actual: RCRA-SQG:

**746 ft.** Date form received by agency: 10/26/2016

Facility name: IOWA ARMY NATIONAL GUARD - AASF 3

Facility address: 9650 HARRISON ST

DAVENPORT, IA 52806-7338

EPA ID: IAD981504251

Mailing address: NW 70TH AVE, ENV OFFICE

BLDG B61 (3535) CAMP DODGE

JOHNSTON, IA 50131-1824

Contact: CURTIS L MADSEN

Contact address: NW 70TH AVE, ENV OFFICE BLDG B61 (3535) CAMP DODGE

JOHNSTON, IA 50131-1824

Contact country: US

Contact telephone: 515-252-4557

Contact email: CURTIS.L.MADSEN.NFG@MAIL.MIL

EPA Region: 07 Land type: State

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: IOWA ARMY NATIONAL GUARD

Owner/operator address: NW 70TH AVE, ENV OFFICE BLDG B61 (3535) CAMP DODGE

JOHNSTON, IA 50131

Owner/operator country: US

Owner/operator telephone: 515-252-4557 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: State Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: IOWA ARMY NATIONAL GUARD

Owner/operator address: NW 70TH AVE, ENV OFFICE BLDG B61 (3535) CAMP DODGE

JOHNSTON, IA 50131

Not reported

Owner/operator country: US

Owner/operator telephone:
Owner/operator email:
Owner/operator fax:
Owner/operator extension:
Legal status:
Owner/Operator Type:
Owner/Operator Type:
Owner/Op start date:

Not reported
Not reported
State
Oynerator
Operator
12/31/1972

Handler Activities Summary:

Owner/Op end date:

**EDR ID Number** 

Direction Distance Elevation

vation Site Database(s) EPA ID Number

## IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

**EDR ID Number** 

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: Nο Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Waste code: D006
Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

. Waste code: UOIL . Waste name: UOIL

Historical Generators:

Date form received by agency: 09/11/2014

Site name: IOWA ARMY NATIONAL GUARD - AASF 3

Classification: Small Quantity Generator

. Waste code: D006 . Waste name: CADMIUM

. Waste code: D007 . Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

Date form received by agency: 02/19/2004

Site name: IOWA ARMY NATIONAL GUARD-AASF 3
Classification: Conditionally Exempt Small Quantity Generator

Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

Map ID Direction Distance Elevation MAP FINDINGS

Site EDR ID Number

Database(s) EPA ID Number

# IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006 . Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D018
Waste name: BENZENE

Waste code: D039

. Waste name: TETRACHLOROETHYLENE

Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROBENZENE, TRICHLOROF EUGROMETHANE, AND
1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,
BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE
OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR

F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

. Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL
BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

MIXTURES.

Direction Distance Elevation

Site Database(s) EPA ID Number

# IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

**EDR ID Number** 

. Waste code: F004

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC

ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/06/2000

Site name: IOWA ARMY NATIONAL GUARD-AASF 3

Classification: Small Quantity Generator

Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Waste code: D039

. Waste name: TETRACHLOROETHYLENE

Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

# IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Waste code: F003

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

MIXTURES.

Waste code: F004

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC

ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

 ${\sf KETONE}, {\sf CARBON} \ {\sf DISULFIDE}, \ {\sf ISOBUTANOL}, \ {\sf PYRIDINE}, \ {\sf BENZENE},$ 

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/26/1994

Site name: IOWA ARMY NATIONAL GUARD-AASF 3

Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

# IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

**EDR ID Number** 

Waste code: **UOIL** UOIL Waste name:

Facility Has Received Notices of Violations: Regulation violated: Not reported

Generators - General Area of violation:

Date violation determined: 09/15/1992 Date achieved compliance: Not reported Violation lead agency: **EPA** 

Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Not reported Enf. disp. status date: Enforcement lead agency: Not reported Proposed penalty amount: Not reported Not reported Final penalty amount: Paid penalty amount: Not reported

**Evaluation Action Summary:** 

Evaluation date: 10/20/2016

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

EPA Contractor/Grantee Evaluation lead agency:

Evaluation date: 08/06/1996

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: **EPA** 

Evaluation date: 02/26/1994

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/15/1992

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Generators - General Area of violation: Date achieved compliance: Not reported

Evaluation lead agency: **EPA** 

WI MANIFEST:

2008 Year:

EPA ID: IAD981504251 FID: Not reported

ACT Code: 203 **ACT Status:** Α ACT Code 1: 203

ACT Name: HW Generator - Very Small

Contact Title: Not reported Not reported Contact Name: Not reported Contact Address: Contact City/State/Zip: Not reported Contact Telephone: Not reported Contact EMail Address: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

Year: 2005

EPA ID: IAD981504251

FID: O ACT Code: 203 **ACT Status:** Α ACT Code 1: 203

HW Generator - Very Small ACT Name:

Contact Title: Not reported Contact Name: Not reported Contact Address: Not reported

Contact City/State/Zip: 0 Contact Telephone: 0

Contact EMail Address: Not reported

**IOWA ARMY NATIONAL GUARD AASF 3 READINESS CENTER** A6

**IA NPDES** S122541413

N/A

**Target** 9650 HARRISON ST. DAVENPORT, IA 52806 **Property** 

#### Site 6 of 12 in cluster A

Owner Add1:

Authorization Date: Permit Status:

Actual: NPDES: 746 ft.

Permit Number: Not reported Epa Npdes Id Number: Not reported Permit Expiration Date: 09/01/2012

IOWA ARMY NATIONAL GUARD AASF 3 READINESS CENTER Facility Name:

Not reported

09/01/2009

Discontinued

Facility Address1: 9650 HARRISON ST. Facility City: DAVENPORT Facility Phone Number: Not reported Facility Type: Not reported Facility Class: Not reported Standard Industrial Classification Code: Not reported

IOWA ARMY NATIONAL GUARD - NGIA-DIM-E Owner Name:

Owner Add2: Not reported Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Not reported Owner Phone: Indr Regional/Field Office Number: Not reported Section: Not reported Township: Not reported Range: Not reported Not reported Latitude Degree: Longitude Degree: Not reported River Basin: Not reported Type Of Treatment: Not reported Design Number: Not reported Design Population Equivalent: Not reported Design Biochemical Oxygen Demand: Not reported Design Avg Dry Weather Flow (Mll Glns Per Dy): Not reported Design Avg Wet Weather Flow (MII Glns Per Dy): Not reported Operator Certification Facility Type: Not reported File No: 17679 Authorization No: 17447

GP #2 - Construction Activity Permit Type:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# IOWA ARMY NATIONAL GUARD AASF 3 READINESS CENTER (Continued)

S122541413

Legal Status: State

U003634983 **A7 ARMY AVIATION** IA LUST 9650 HARRISON STREET **IA UST Target** N/A DAVENPORT, IA 52804 **Property IA Financial Assurance** 

#### Site 7 of 12 in cluster A

Actual: LUST: 746 ft.

5802 Facility ID: Spill Number: Not reported Occur Date: Not reported 04/03/2000 Discover Date: Discover Time: Not reported Record Date: 07/07/2000 9LTI93 Leak Number: Loc ID: 65079 Ust ID: 6227 Latitude: 41.61669 Longitude: -90.58228 Start Date: 07/11/2000 Spill Date: Not reported Date Occurred Time: Not reported

Lead ID: Coordinator ID: 11

Staff ID: Not reported

Discover Method ID: Leak Status: Stopped Not reported Tanks Removed: 01/08/2007 Created Date: Created By: migration 01/08/2007 Last Changed: Changed By: migration

Lust Cause:

Release Cause: Unknown

Lust Misc:

Misc Rec Date: Misc Due Date: Not reported 10/24/2000

Misc Other: Not reported Misc Title: MTBE WORKSHEET & DISK

Misc Due Date: Not reported Misc Rec Date: 01/19/2001

MTBE WORKSHEET & DISK Misc Other: Not reported Misc Title:

Lust Tier 2 Report:

02/01/2001 T2 Assesment Due: T2 Received: 01/19/2001 T2 Accepted: 02/19/2001 T2 Rejected: Not reported T2 Reviewed: **GDM** 

Lust Track:

ID: 5885

Site Assesment Start Date: Not reported Free Product Recvry End Date: Not reported FP Letter Sent Date: Not reported Not reported FP Report Frequency:

Map ID MAP FINDINGS Direction

Distance Elevation

Site Database(s) **EPA ID Number** 

**ARMY AVIATION (Continued)** 

U003634983

**EDR ID Number** 

Assesment Report Due: Not reported Assesment Report Received: Not reported Assesment Report Approved: Not reported Achieved Over-Excavation: Not reported Release Not Verified Date: Not reported Not reported Ref to Contaminated Site Section: Not reported Cleanup Start Date: Cleanup Complete Date: 2001-02-19 Cleanup Report Due Date: Not reported Cleanup Report Received Date: Not reported Cleanup Report Approved Date: Not reported Check Report Due Date: Not reported Check Report Received Date: Not reported Check Report Rejected Date: Not reported Check Report Approved Date: Not reported Date Classified: 2001-02-19 Risk Classification -NFA: True Class - Low Risk: False Class - High Risk: False

No Action Required Lust Current:

Tier 1 Consultant Recommends: Tier 2 T1 Actual GW Ingestion: False T1 Poten GW Ingestion from Protected GW: False T1 Poten GW Ingestion from Protected GW: False T1 GW Vapor to Enclosed Space: False T1 GW to Plastic Water Line: False T1 Surface Water: False T1 Soil Leaching to GW: True T1 Soil Vapor to Enclosed Space: True T1 Soil to Plastic Line: False Tier 2 Consultant Recommends: NFA T2 Actual GW Ingestion: NFA T2 Poten GW Ingestion from Protected GW: NFA T2 Poten GW Ingestion from Protected GW: NFA T2 GW Vapor to Enclosed Space: NFA T2 GW to Plastic Water Line: NFA T2 SW General Use: NFA T2 SW Designated Use: NFA T2 Soil Leaching to GW: NFA T2 Soil Vapor to Enclosed Space: NFA

No Action Required: **False** Priority Ranking: 5 Delete: False

T2 Soil to Plastic Line:

NFA Certificate Sent:

Institutional Control Obtained:

Track Memo: 07/13/00: Sent regeust for Tier 1 report, due 10/20/00, gw prof. due 8/18/00.10/18/00: REC'D TIER 1 REPORT. (NO TIER

NFA

False

2001-05-07

1 DISK REC'D).10/24/00: REC'D TIER 1 DISK. MTBE WORKSHEET

& DISK.10/25/00: Sent letter accepting Tier 1; Tier 2 due 2/1/01. Rec'd 10/30.01/19/01: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK.02/19/01: Sent letter accepting NAR classification for Tier 2. Rec'd 2/26.04/25/01: REC'D LEGAL

DESCRIPTION AND ABANDONED WATER WELL PLUGGING RECORDS.

Direction Distance Elevation

Site Database(s) EPA ID Number

# **ARMY AVIATION (Continued)**

U003634983

**EDR ID Number** 

UST:

Facility Id: 6227
Loc Id: 6227
Registration: 198605893
Owner Type: State
Financial Code: 13

Insurer's Name: Not reported Policy Number: Not reported Policy Start Date: Not reported Policy End Date: Not reported 03/10/1986 Registration Sign Date: Created By: migration Created Date: 01/08/2007 Changed By: migration Last Changed: 01/08/2007 Latitude: 41.61669 -90.58228 Longitude: Otype ID Decode: State

Tank Info:

Tank Num: 17183
In Use: False
Tank Type: 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 17184

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 17185

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 17186

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: Not reported Material Construction: Double Wall Steel Emergency Power Gen: Not reported

Tank Num: 17187

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**ARMY AVIATION (Continued)** 

U003634983

**EDR ID Number** 

In Use: False Tank Type: 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: Not reported **Double Wall Steel** Material Construction: Emergency Power Gen: Not reported

IA Financial Assurance 1:

Facility ID: 198605893 Insurers Name: Not reported Policy End Date: Not reported Site Status: Not reported

Financial Code: 13

Policy Number: Not reported Policy Start Date: Not reported

IA ARNG DAVENPORT AVIATION **A8** 

FINDS 1014701294

N/A

1016056758

N/A

**FINDS** 

**ECHO** 

**Target** 9650 HARRISON ST **Property DAVENPORT, IA 52806** 

Site 8 of 12 in cluster A

Actual:

FINDS: 746 ft.

> Registry ID: 110043624432

Environmental Interest/Information System

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Α9 **IOWA ARMY NATIONAL GUARD-AASF 3** 

9650 HARRISON STREET **Target Property DAVENPORT, IA 52806** 

Site 9 of 12 in cluster A

FINDS: Actual:

746 ft.

Registry ID: 110001755967

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

#### **IOWA ARMY NATIONAL GUARD-AASF 3 (Continued)**

1016056758

redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MINOR

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016056758 Registry ID: 110001755967

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001755967

\_\_\_\_\_

A10 ARMY AVIATION SUPPORT FACILITY #3

IA NPDES \$122561859

N/A

Target 9650 HARRISON ST.
Property DAVENPORT, IA 52804

Site 10 of 12 in cluster A

Actual: NPDES:

746 ft.

Permit Number: Not reported
Epa Npdes Id Number: Not reported
Permit Expiration Date: 09/30/2018

Facility Name: ARMY AVIATION SUPPORT FACILITY #3

Facility Address1: 9650 HARRISON ST.
Facility City: DAVENPORT
Facility Phone Number: Not reported
Facility Type: Not reported
Facility Class: Not reported
Standard Industrial Classification Code: Not reported

Owner Name: IOWA ARMY NATIONAL GUARD

Owner Add1: Not reported Owner Add2: Not reported Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Owner Phone: Not reported Indr Regional/Field Office Number: Not reported Section: Not reported Township: Not reported Range: Not reported Latitude Degree: Not reported Longitude Degree: Not reported River Basin: Not reported Type Of Treatment: Not reported Design Number: Not reported Design Population Equivalent: Not reported Design Biochemical Oxygen Demand: Not reported Design Avg Dry Weather Flow (Mll Glns Per Dy): Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **ARMY AVIATION SUPPORT FACILITY #3 (Continued)**

S122561859

IA TIER 2 \$109946697

N/A

Design Avg Wet Weather Flow (Mll Glns Per Dy): Not reported Operator Certification Facility Type: Not reported File No: 575 Authorization No: 421 10/01/1992 Authorization Date: Permit Status: Current

Permit Type: GP #1 - Industrial Activity

Legal Status: Federal

A11 IA ARNG DAVENPORT AVIATION

9650 HARRISON ST ROAD **Target Property** DAVENPORT, IA 52806

#### Site 11 of 12 in cluster A

Actual: TIER 2: 746 ft.

Report Year: 2012

Facility Id: FAIDSIT2A00000865

State Id: Not reported

Fire District: Davenport Fire Department

Site Map: False Site Coord Abbreviation: False Date Signed: 02/12/2007 02/22/2012 Date Modified: Dike Or Other Safeguard: False Mailing Address: Not reported Mail City: Not reported Mail State: Not reported Not reported Mail Zip: Latitude: 41.61728 Longitude: -90.58109 Notes: Not reported

2012 Report Year:

Facility Id: FAIDSIT2A00000865

Not reported State Id:

Fire District: Davenport Fire Department

Site Map: False Site Coord Abbreviation: False Date Signed: 02/14/2013 Date Modified: 02/14/2013 Dike Or Other Safeguard: False Mailing Address: Not reported Mail City: Not reported Mail State: Not reported Mail Zip: Not reported Latitude: 41.61728 Longitude: -90.58109 Notes: Not reported

Report Year: 2010

FAIDSIT2A00000865 Facility Id:

State Id: Not reported

Fire District: Davenport Fire Department

Site Map: False Site Coord Abbreviation: False

2011-01-20T15:23:29 Date Signed:

Date Modified: 3/30/2011

Direction Distance

Elevation Site Database(s) EPA ID Number

IA ARNG DAVENPORT AVIATION (Continued)

S109946697

N/A

TC5454349.2s Page 26

**EDR ID Number** 

Dike Or Other Safeguard:

Mailing Address:

Mail City:

Mail State:

Mail Zip:

Latitude:

False

Not reported

Not reported

Not reported

41.617289

Longitude: -90.581095000000005

Notes: Not reported

Report Year: 2009

Facility Id: FAIDSIT2A00000865

State Id: IA

Fire District: Davenport Fire Department

Site Map: False
Site Coord Abbreviation: False

Date Signed: 2010-02-18T15:13:23
Date Modified: 2010-02-18T15:12:28

Dike Or Other Safeguard: False
Mailing Address: Not reported
Mail City: Not reported
Mail State: Not reported
Mail Zip: Not reported
Latitude: 41.617289

Longitude: -90.581095000000005

Notes: Not reported

A12 ARMY AVIATION FINDS 1011291618

Target 9650 HARRISON STREET Property DAVENPORT, IA 52804

Site 12 of 12 in cluster A

Actual: FINDS:

746 ft.

Registry ID: 110036303149

Environmental Interest/Information System

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

13 DAVENPORT MUNICIPAL AIRPORT - TANKS IA AST A100465672 SSE 9230 HARRISON ST N/A

SSE 9230 HARRISON ST 1/8-1/4 DAVENPORT, IA

0.145 mi. 768 ft.

Relative: AST:

HigherKey:Not reportedActual:Owners Name:Not reported748 ft.Owners Address:Not reportedOwners City,St,Zip:Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

# **DAVENPORT MUNICIPAL AIRPORT - TANKS (Continued)**

A100465672

**EDR ID Number** 

Tank Key Num: Not reported Registration Number: 21421 Year Of Manufacture (age): Not reported 20000 Size: Type: Not reported Contents: **Aviation Gasoline** Plan Date: Not reported Registration Date: Not reported Plan Number: Not reported Out of Service Date: Not reported Amount Received: Not reported Not reported Date Received:

Tank Key Num: Not reported Registration Number: 23602 Year Of Manufacture (age): Not reported 20000 Size: Type: Not reported Contents: Jet Fuel Plan Date: Not reported Registration Date: Not reported Plan Number: Not reported Not reported Out of Service Date: Amount Received: Not reported Date Received: Not reported

Tank Key Num: Not reported Registration Number: 23601 Year Of Manufacture (age): Not reported 20000 Size: Not reported Type: Contents: Aviation Gasoline Plan Date: Not reported Registration Date: Not reported Not reported Plan Number: Out of Service Date: Not reported Amount Received: Not reported Date Received: Not reported

RIVER CITIES INDUSTRIAL CENTER

East 200 EAST 90TH STREET 1/4-1/2 DAVENPORT, IA

0.308 mi.

B14

1625 ft. Site 1 of 2 in cluster B

Relative: LAST: Lower Site

LowerSite ID:61Actual:Site Status Description:Closed744 ft.Type Description:AST

Ownership Type Description: Private
Project Manager: Matt Culp
Program Type Description: Chapter 133

ALLSITES:

Site Id Number: 61
Project Manager: Matt Culp
Ownership Type: Private

S108269998

N/A

**IA LAST** 

**IA ALLSITES** 

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**RIVER CITIES INDUSTRIAL CENTER (Continued)** 

S108269998

**EDR ID Number** 

Status: Closed Program: Chapter 133 Site Type: AST Brownfield Eligible: False Registry: False Institutional Control: False Priority: Not reported Latitude: 41.61734 Longitude: -90.57841 XCoord: 701760 YCoord: 4609912

**CATERPILLAR TRACTOR CO - FORMER SITE OF B15** 

**CORRACTS** 1000217307 200 E 90TH ST RCRA NonGen / NLR IAD049997125

1/4-1/2 **DAVENPORT, IA 52809** 

0.308 mi.

**East** 

1625 ft. Site 2 of 2 in cluster B

Relative: CORRACTS:

Lower IAD049997125 EPA ID:

EPA Region: Actual:

Area Name: **ENTIRE FACILITY** 744 ft.

Actual Date: 19960906 CA225NR - Stabilization Measures Evaluation, This facility is, not Action:

amenable to stabilization activity at the, present time for reasons

other than (1) it appears to be technically, infeasible or

inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of

corrective action work at the facility, or other, administrative

considerations Not reported

NAICS Code(s): Original schedule date: 19960930 Schedule end date: Not reported

EPA ID: IAD049997125

EPA Region:

**ENTIRE FACILITY** Area Name:

19920128 Actual Date:

Action: CA075LO - CA Prioritization, Facility or area was assigned a low

corrective action priority

NAICS Code(s): Not reported Not reported Original schedule date: Schedule end date: Not reported

EPA ID: IAD049997125

EPA Region:

Area Name: **ENTIRE FACILITY** 

Actual Date: 19881002

CA050RF - RFA Completed, Assessment was an RFA Action:

NAICS Code(s): Not reported Original schedule date: Not reported Not reported Schedule end date:

EPA ID: IAD049997125

EPA Region:

Area Name: **ENTIRE FACILITY** 

Actual Date: 19881002

Direction Distance

Elevation Site Database(s) EPA ID Number

# CATERPILLAR TRACTOR CO - FORMER SITE OF (Continued)

1000217307

**EDR ID Number** 

Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/07/2004

Facility name: CATERPILLAR TRACTOR CO - FORMER SITE OF

Facility address: 200 E 90TH ST

DAVENPORT, IA 52809

EPA ID: IAD049997125
Contact: Not reported
Contact address: Not reported
Not reported

Contact country: US

Contact telephone: Not reported Contact email: Not reported

EPA Region: 07
Land type: Private
Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: Nο Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

**Historical Generators:** 

Date form received by agency: 01/29/2003

Site name: CATERPILLAR TRACTOR CO-FORMER SITE OF

Classification: Not a generator, verified

Date form received by agency: 02/11/1994

Site name: CATERPILLAR TRACTOR CO-FORMER SITE OF

Classification: Not a generator, verified

. Waste code: NONE . Waste name: None

Date form received by agency: 11/13/1980

Site name: CATERPILLAR TRACTOR CO-FORMER SITE OF

Classification: Not a generator, verified

. Waste code: D001

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# CATERPILLAR TRACTOR CO - FORMER SITE OF (Continued)

1000217307

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET. WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code:

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

> CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Date form received by agency: 08/18/1980

Site name: CATERPILLAR TRACTOR CO-FORMER SITE OF

Classification: Not a generator, verified

Waste code: NONE Waste name: None

Corrective Action Summary:

Event date: 10/02/1988

Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 10/02/1988

DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT Event:

**NECESSARY** 

Event date: 01/28/1992

CA PRIORITIZATION-LOW CA PRIORITY Event:

Event date: 09/06/1996

Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO

**STABILIZATION** 

Facility Has Received Notices of Violations:

Regulation violated: Not reported Area of violation: TSD - General 10/20/1986 Date violation determined: Date achieved compliance: 03/17/1989 Violation lead agency: **EPA** 

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/06/1987 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: **EPA** Proposed penalty amount: Not reported Not reported Final penalty amount: Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: TSD - Closure/Post-Closure

Direction Distance

Elevation Site Database(s) EPA ID Number

# CATERPILLAR TRACTOR CO - FORMER SITE OF (Continued)

1000217307

**EDR ID Number** 

Date violation determined: 10/20/1986
Date achieved compliance: 03/17/1989
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/06/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**Evaluation Action Summary:** 

Evaluation date: 01/07/2004

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation:

Date achieved compliance:

Not reported

Not reported

Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 01/29/2003

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 05/26/1988

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

EPA

Evaluation date: 06/04/1987

Evaluation: FINANCIAL RECORD REVIEW

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

EPA

Evaluation date: 10/20/1986

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 03/17/1989 Evaluation lead agency: EPA

Evaluation date: 10/20/1986

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 03/17/1989 Evaluation lead agency: EPA

Evaluation date: 06/05/1986

Evaluation: FINANCIAL RECORD REVIEW

Area of violation:
Date achieved compliance:
Evaluation lead agency:
Not reported
Not reported
EPA

Evaluation date: 04/03/1985

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### CATERPILLAR TRACTOR CO - FORMER SITE OF (Continued)

1000217307

Area of violation: Not reported Not reported Date achieved compliance: Evaluation lead agency: State

**MUNICIPAL AIRPORT** U003170936 IA LUST 16 9010 HARRISON ST SSE **IA UST** N/A

DAVENPORT, IA 52804 1/4-1/2 **IA Financial Assurance** 

Not reported

3574

0.320 mi. 1687 ft.

LUST: Relative: Higher Facility ID:

Spill Number: Actual: Occur Date: 747 ft.

Not reported Discover Date: 07/27/1988 Discover Time: Not reported 11/03/1994 Record Date: Leak Number: 9LTA33 Loc ID: 65974 Ust ID: 7922 41.61046 Latitude: Longitude: -90.58353 Start Date: 11/04/1994 Spill Date: Not reported Date Occurred Time: Not reported

Lead ID: Coordinator ID: 11 Staff ID: 11 Discover Method ID: 3

Stopped Leak Status: Tanks Removed: Not reported Created Date: 01/08/2007 Created By: migration 01/08/2007 Last Changed: Changed By: migration

Lust Status:

ID: 3575 Site Leak Number: 9LTA33 Discovered During: Removal Tanks Removed: 02 Leak Cause: UNK

Gas: Not reported Not reported Diesel:

Oil: Yes

Kerosene: Not reported Released Fuel Oil: Not reported Released Hydraulic Oil: Not reported Released Other Petroleum: Not reported Released Unknown: Not reported Not reported Released Non Petroleum Chemical: Gallons Released: Not reported Stopped Leak Status: Loc Soil: Yes

Loc Ground Water: Not reported Loc Surface Water: Not reported Loc Water Supply: Not reported Res Public Water Supply: Not reported Resources Water Well: Not reported

Direction Distance Elevation

tion Site Database(s) EPA ID Number

# **MUNICIPAL AIRPORT (Continued)**

U003170936

**EDR ID Number** 

Res Actual Drinking WW: Not reported Res Non-Drink WW: Not reported Res Soil: Not reported Res Ground Water: Not reported Res Surface Water: Not reported Not reported Res Toxic Vapor: Not reported Res Explosive Vapor: Res Other: Not reported Res Impacted Soil: Not reported Res Impacted Ground Water: Not reported Res Impacted Water Well: Not reported Res Impacted Pub Water Supply: Not reported Res Impacted Surface Water: Not reported Res Impacted Toxic Vapor: Not reported Res Impacted Explosive Vapor: Not reported Res Impacted Other: Not reported Res Impacted Drinking WW: Not reported Res Impacted Non-Drink WW: Not reported Res Impacted Potential Non Drink WW: Not reported Officials Onsite Health: Not reported Officials Onsite Fire: Not reported Officials Onsite Law: Not reported Not reported Officials Onsite Civil: Officials Onsite None: Not reported Officials Onsite Unknown: Yes Officials Onsite Other: Not reported AST: Not reported UST/LUST Other: Not reported Delete: False Not reported Status Memo:

Lust Cause:

Release Cause: Unknown

Lust Misc:

Misc Due Date: Not reported Misc Rec Date: 09/15/2000

Misc Other: Not reported Misc Title: MTBE WORKSHEET & DISK

Lust Remediation:

False **Heat Treatment:** Land Application: False On Site: False Achieved Over-Excavation: False Soil Venting Passive: False Soil Venting Active: False BioRemediation Passive: False BioRemediation Active: False In Situ GW Treatment - Air Sparging: False Ground Water: False Fresh Water: False IGT - pH Adjustment: False Nutrient: False Oxygen: False Biological: False Permit Date: Not reported Other: False

Direction
Distance
Elevation

ce EDR ID Number on Site Database(s) EPA ID Number

# **MUNICIPAL AIRPORT (Continued)**

U003170936

Surface Treatment - Carbon Absorption: False False Biological: ST Other: False TDT Sanitary Sewer: False TDT Storm Sewer: False Stream: False TDT Other: False Reduced Risk Plugged Well: False RR Replace: False RR Relocate: False RR Other: False Delete: False Rem Memo: Not reported

# Lust Tier 1 Report:

T1 Assesment Due: 08/30/2000
T1 Received: 09/15/2000
Tier 1 Consultant Recommends: Not reported
T1 Accepted: 09/21/2000
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: GDM

#### Lust Administration:

ID: 3575
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 11/04/1994
Owner Broke: No

ER Date: Not reported Cost Recovery Start Dt: Not reported CR Notice of Intent Dt: Not reported CR Appeal of NOI Dt: Not reported CR Final Decision Dt: Not reported CR EP Comm Lien Approval Dt: Not reported CR Lien: Not reported CR Ten Yr Renewal Dt: Not reported CR Lien Named: False CR Remediation: Not reported Delete: False CR Amnt Received: Not reported CR End Date: Not reported

Not reported

# Lust Track:

Memo:

ID: 3575 Site Assesment Start Date: 11/16/1994 Free Product Recvry End Date: Not reported Not reported FP Letter Sent Date: Not reported FP Report Frequency: Assesment Report Due: Not reported Not reported Assesment Report Received: Assesment Report Approved: Not reported Achieved Over-Excavation: Not reported Release Not Verified Date: Not reported Ref to Contaminated Site Section: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **MUNICIPAL AIRPORT (Continued)**

U003170936

Cleanup Start Date: Not reported 2000-09-21 Cleanup Complete Date: Cleanup Report Due Date: Not reported Cleanup Report Received Date: Not reported Cleanup Report Approved Date: Not reported Check Report Due Date: Not reported Not reported Check Report Received Date: Check Report Rejected Date: Not reported Check Report Approved Date: Not reported Date Classified: 2000-09-21 Risk Classification -NFA: True Class - Low Risk: False Class - High Risk: False

Lust Current: No Action Required

Tier 1 Consultant Recommends: NFA False T1 Actual GW Ingestion: T1 Poten GW Ingestion from Protected GW: False T1 Poten GW Ingestion from Protected GW: False T1 GW Vapor to Enclosed Space: False T1 GW to Plastic Water Line: False T1 Surface Water: False T1 Soil Leaching to GW: False T1 Soil Vapor to Enclosed Space: False T1 Soil to Plastic Line: False Tier 2 Consultant Recommends: Not reported T2 Actual GW Ingestion: Not reported T2 Poten GW Ingestion from Protected GW: Not reported T2 Poten GW Ingestion from Protected GW: Not reported T2 GW Vapor to Enclosed Space: Not reported T2 GW to Plastic Water Line: Not reported T2 SW General Use: Not reported T2 SW Designated Use: Not reported T2 Soil Leaching to GW: Not reported T2 Soil Vapor to Enclosed Space: Not reported Not reported T2 Soil to Plastic Line: Institutional Control Obtained: False 2002-08-26 NFA Certificate Sent: No Action Required: **False** 

11/16/94: SCR LTR SENT. GSI REQUESTED THIS AREA BE GIVEN A Track Memo:

5

False

SEPARATE LUST NO. SCR BEING COMPLETED AS PART OF

CRP.12/30/99: T1 ltr snt. rec'd 1/3/2000. cnslt = 2/3. T1 = 4/3/2000.12/30/99: REC'D SMR.06/23/00: Sent first OD

letter for T1, green card dated 6/26/00 ----- due

7/6/00.06/29/00: Received FUND schedule extension form ----- T1 due 8/30/00.09/15/00: REC'D TIER 1 REPORT & DISK. MTBE WORKSHEET & DISK.09/21/00: Sent letter accepting Tier 1 NAR classification.08/19/02: REC'D ABANDONED WATER WELL

PLUGGING RECORDS & LEGAL DESCRIPTION.

3575 Facility ID: Spill Number: Not reported Occur Date: Not reported Discover Date: Not reported Discover Time: Not reported

Priority Ranking:

Delete:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **MUNICIPAL AIRPORT (Continued)**

U003170936

Record Date: 10/26/1988 Leak Number: 7LTB47 Loc ID: 65975 Ust ID: 7922 Latitude: 41.61319 Longitude: -90.58469 Start Date: 11/03/1988 Spill Date: Not reported Date Occurred Time: Not reported

Lead ID: 5 Coordinator ID: 11

Staff ID: Not reported

Discover Method ID: Leak Status: Stopped Tanks Removed: Not reported Created Date: 01/08/2007 Created By: migration 01/08/2007 Last Changed: Changed By: migration

Lust Status:

3576 ID: Site Leak Number: 7LTB47 Discovered During: Removal Tanks Removed:

UNKNOWN Leak Cause: Yes

Gas: Diesel: Not reported

Oil: Yes

Kerosene: Not reported Released Fuel Oil: Not reported Released Hydraulic Oil: Not reported Not reported Released Other Petroleum: Released Unknown: Not reported Released Non Petroleum Chemical: Not reported 00000000000 Gallons Released: Leak Status: Stopped

Loc Soil: Yes Loc Ground Water: Not reported Not reported Loc Surface Water: Loc Water Supply: Not reported Res Public Water Supply: Not reported Resources Water Well: Not reported Res Actual Drinking WW: Not reported Res Non-Drink WW: Not reported Res Soil: Not reported Res Ground Water: Not reported Res Surface Water: Not reported Res Toxic Vapor: Not reported Res Explosive Vapor: Not reported Not reported Res Other: Not reported Res Impacted Soil: Res Impacted Ground Water: Not reported Not reported Res Impacted Water Well: Not reported Res Impacted Pub Water Supply:

Not reported

Not reported

Not reported

Res Impacted Surface Water:

Res Impacted Explosive Vapor:

Res Impacted Toxic Vapor:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **MUNICIPAL AIRPORT (Continued)**

U003170936

Res Impacted Other: Not reported Res Impacted Drinking WW: Not reported Res Impacted Non-Drink WW: Not reported Res Impacted Potential Non Drink WW: Not reported Officials Onsite Health: Not reported Officials Onsite Fire: Not reported Officials Onsite Law: Not reported Officials Onsite Civil: Not reported Officials Onsite None: Not reported Officials Onsite Unknown: Not reported Officials Onsite Other: Not reported AST: Not reported UST/LUST Other: Not reported Delete: False Status Memo: Not reported

Lust Cause:

Release Cause: Unknown

Lust Misc:

Misc Due Date: Not reported Misc Rec Date: Not reported Misc Other: Not reported Misc Title: Not reported

False

Lust Remediation: **Heat Treatment:** 

> Land Application: False On Site: False Achieved Over-Excavation: False Soil Venting Passive: False Soil Venting Active: False BioRemediation Passive: False BioRemediation Active: False In Situ GW Treatment - Air Sparging: False Ground Water: False Fresh Water: False IGT - pH Adjustment: False Nutrient: False Oxygen: False Biological: False Permit Date: Not reported False Surface Treatment - Carbon Absorption: False Biological: False ST Other: False TDT Sanitary Sewer: False TDT Storm Sewer: False Stream: False TDT Other: False Reduced Risk Plugged Well: False RR Replace: False RR Relocate: False RR Other: False Delete: False Rem Memo: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

# **MUNICIPAL AIRPORT (Continued)**

U003170936

**EDR ID Number** 

Lust Tier 1 Report:

T1 Assesment Due: 01/22/1998
T1 Received: 04/15/1998
Tier 1 Consultant Recommends: Not reported
T1 Accepted: 12/23/1998
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

#### Lust Administration:

ID: 3576 Owner Identified: No Responsible Party Found: No

RP Date: Not reported

Owner Broke: No

ER Date: Not reported Cost Recovery Start Dt: Not reported CR Notice of Intent Dt: Not reported CR Appeal of NOI Dt: Not reported CR Final Decision Dt: Not reported CR EP Comm Lien Approval Dt: Not reported Not reported CR Lien: CR Ten Yr Renewal Dt: Not reported CR Lien Named: False CR Remediation: Not reported Delete: False CR Amnt Received: Not reported CR End Date: Not reported Memo: Not reported

#### Lust Track:

Class - High Risk:

ID: 3576 Site Assesment Start Date: 01/23/1989 Free Product Recvry End Date: Not reported FP Letter Sent Date: Not reported FP Report Frequency: Not reported Assesment Report Due: Not reported Assesment Report Received: Not reported Assesment Report Approved: Not reported Achieved Over-Excavation: Not reported Release Not Verified Date: Not reported Ref to Contaminated Site Section: Not reported 1997-11-22 Cleanup Start Date: Cleanup Complete Date: 1998-12-23 Cleanup Report Due Date: Not reported Cleanup Report Received Date: Not reported Cleanup Report Approved Date: Not reported Check Report Due Date: Not reported Check Report Received Date: Not reported Check Report Rejected Date: Not reported Check Report Approved Date: Not reported Date Classified: 1998-12-23 Risk Classification -NFA: True Class - Low Risk: False

Lust Current: No Action Required

Direction Distance Elevation

on Site Database(s) EPA ID Number

# **MUNICIPAL AIRPORT (Continued)**

U003170936

**EDR ID Number** 

Tier 1 Consultant Recommends: NFA T1 Actual GW Ingestion: False T1 Poten GW Ingestion from Protected GW: False T1 Poten GW Ingestion from Protected GW: False T1 GW Vapor to Enclosed Space: False T1 GW to Plastic Water Line: False T1 Surface Water: False T1 Soil Leaching to GW: False T1 Soil Vapor to Enclosed Space: False T1 Soil to Plastic Line: False Tier 2 Consultant Recommends: Not reported Not reported T2 Actual GW Ingestion: T2 Poten GW Ingestion from Protected GW: Not reported T2 Poten GW Ingestion from Protected GW: Not reported T2 GW Vapor to Enclosed Space: Not reported T2 GW to Plastic Water Line: Not reported T2 SW General Use: Not reported T2 SW Designated Use: Not reported T2 Soil Leaching to GW: Not reported T2 Soil Vapor to Enclosed Space: Not reported T2 Soil to Plastic Line: Not reported Institutional Control Obtained: False NFA Certificate Sent: Not reported No Action Required: **False** Priority Ranking: Not reported

Track Memo: 03/04/91: REC'D OE(?) RPT.11/06/91: SAAR REV 'ON HOLD' LTR

SNT. REC'D 11/12/91.03/27/92: LTR. SENT W. NEW SCR GUIDELINES.06/19/92: RP. REC'D. LTR. RE. ASSIGN. OF 2ND

LUST # TO AREA. DNR DID NOT AGREE W. CONSULTANT RE. ASSIGN.

6 LUST #'S TO SITE. LTR. SO STATES. IN CRP.07/16/96:

REC'D SCR FROM CRP CNSLT. SIGNED BY RP.10/17/97: SNT T1 LTR. REC'D 10/22/97. T1 DUE 1/22/98.04/15/98: RCVD T1 RPT.

FOR NFA.

False

UST:

Delete:

Facility Id: 7922 Loc Id: 7922 198607670 Registration: Owner Type: Municipal Financial Code: 15 Insurer's Name: **PMMIC** Policy Number: 8607670 Policy Start Date: 10/27/2017 10/26/2018 Policy End Date: Registration Sign Date: 01/19/1990 Created By: migration 01/08/2007 Created Date: Changed By: Nelson.Paul Last Changed: 06/08/2017 Latitude: 41.61046 Longitude: -90.58353 Otype ID Decode: Municipal

Tank Info:

Tank Num: 23333

Direction Distance Elevation

vation Site Database(s) EPA ID Number

# **MUNICIPAL AIRPORT (Continued)**

U003170936

**EDR ID Number** 

In Use: False Tank Type: 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: Not reported

Material Construction: Steel with Polyethylene

Emergency Power Gen: Not reported

 Tank Num:
 23334

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: Not reported

Material Construction: Steel with Polyethylene

Emergency Power Gen: Not reported

 Tank Num:
 23335

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: Not reported

Material Construction: Steel with Polyethylene

Emergency Power Gen: Not reported

 Tank Num:
 23336

 In Use:
 True

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: False

Material Construction: Double Wall FRP

Emergency Power Gen: False

 Tank Num:
 23337

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 23338

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 23339

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

## **MUNICIPAL AIRPORT (Continued)**

U003170936

**EDR ID Number** 

Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 23340

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 23341

 In Use:
 True

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: False

Material Construction: Double Wall FRP

Emergency Power Gen: False

 Tank Num:
 23342

 In Use:
 False

 Tank Type:
 4

Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

 Tank Num:
 23343

 In Use:
 True

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported Filled In Place: False

Material Construction: Double Wall FRP

Emergency Power Gen: False

 Tank Num:
 23344

 In Use:
 True

 Tank Type:
 4

Tank Brand Id: Not reported Inert Material Id: Not reported

Filled In Place: False

Material Construction: Double Wall FRP

Emergency Power Gen: False

IA Financial Assurance 1:

Facility ID: 198607670
Insurers Name: PMMIC
Policy End Date: 10/26/2018
Site Status: Not reported

Financial Code: 15

**MUNICIPAL AIRPORT (Continued)** 

U003170936

 Policy Number:
 8607670

 Policy Start Date:
 10/27/2017

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DAVENPORT	S122545834	CITY OF DAVENPORT - NORTH HARRISON	8400 BLOCK OF N. HARRISON ST.	52806	IA NPDES
DAVENPORT	1024239505	KRAFT HEINZ - DAVENPORT	11600 SLOPERTOWN RD	52806	FINDS

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

# STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/17/2018 Source: EPA
Date Data Arrived at EDR: 08/09/2018 Telephone: N/A

Number of Days to Update: 29 Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018

Date Made Active in Reports: 09/07/2018 Last ED

Number of Days to Update: 29

Source: EPA Telephone: N/A

Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Source: EPA Telephone: N/A

Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

#### Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 07/06/2018 Next Scheduled EDR Contact: 10/15/2018

Data Release Frequency: Varies

## SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Quarterly

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

#### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 913-551-7003 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

# Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency Telephone: 913-551-7003

Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 913-551-7003 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

#### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 913-551-7003 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 07/16/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018 Date Data Arrived at EDR: 08/28/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 17

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018 Date Data Arrived at EDR: 08/28/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 17

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018

Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous

substances.

Date of Government Version: 06/18/2018 Date Data Arrived at EDR: 06/27/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 79

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### State- and tribal - equivalent CERCLIS

SHWS: Registry of Hazardous Waste or Hazardous Substance Disposal Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 02/23/2018

Number of Days to Update: 30

Source: Department of Natural Resources

Telephone: 515-281-8801 Last EDR Contact: 10/15/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Annually

#### State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/04/2018 Date Data Arrived at EDR: 09/05/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 27

Source: Department of Natural Resources Telephone: 515-281-8801

Last EDR Contact: 09/05/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

#### State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tank Sites
A listing of leaking aboveground storage tank sites.

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 37

Source: Department of Natural Resources

Telephone: 515-281-6001 Last EDR Contact: 07/18/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Quarterly

LUST: Leaking Underground Storage Tank Data

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/30/2018 Date Data Arrived at EDR: 09/07/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 25

Source: Department of Natural Resources

Telephone: 515-281-6001 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: Environmental Protection Agency Telephone: 415-972-3372

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

Last EDR Contact: 07/27/2018

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

#### State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/10/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Varies

UST: Underground Storage Tank Data

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/30/2018 Date Data Arrived at EDR: 09/07/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 25

Source: Department of Natural Resources

Telephone: 515-281-6001 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites

Bulk fuel facilities, commercial fuel operations, private farm sites, and any other storage facility that meets the Department of Public Safety?s registration criteria. They register any class I, II or III petroleum product (gas, diesel and oil) above 1,100 gallons.

Date of Government Version: 07/31/2018 Date Data Arrived at EDR: 08/02/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 22

Source: Department of Public Safety Telephone: 515-281-5821

Last EDR Contact: 09/28/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

#### State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls

Sites currently enrolled in the Land Recycling Program that have Institutional Controls.

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 37

Source: Department of Natural Resources

Telephone: 515-242-5818 Last EDR Contact: 07/18/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

#### State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 09/24/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Varies

VCP: Land Recycling Program Sites

Sites currently enrolled in the Land Recycling Program.

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/23/2018

Number of Days to Update: 36

Source: Department of Natural Resources

Telephone: 515-242-5818 Last EDR Contact: 07/18/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

#### State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Listing

Brownfields are abandoned, idled, or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/23/2018

Number of Days to Update: 36

Source: Department of Natural Resources

Telephone: 515-281-8489 Last EDR Contact: 07/18/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Quarterly

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 09/18/2018

Next Scheduled EDR Contact: 12/31/2018 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 07/30/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258

Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside

County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 08/03/2018

Next Scheduled EDR Contact: 11/12/2018

Data Release Frequency: Varies

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 86

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

ALLSITES: Contaminated Sites Tracking Database

All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory complinace programs and actions.

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/23/2018

Number of Days to Update: 36

Source: Department of Natural Resources

Telephone: 515-281-4171 Last EDR Contact: 07/18/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Quarterly

DEL SHWS: Delisted Contaminated Sites Listing

A listing of sites delisted from the Contaminated Sites Listing.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 02/23/2018

Number of Days to Update: 30

Source: Department of Natural Resources

Telephone: 515-281-8801 Last EDR Contact: 10/15/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Annually

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 86

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Quarterly

Local Land Records

LIENS: Liens Filed Listing

A listing of liens filed with the Iowa Comprehensive Petroleum Underground Storage Tank Fund.

Date of Government Version: 07/05/2018 Date Data Arrived at EDR: 07/24/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 31

Source: Department of Natural Resources

Telephone: 515-281-5523 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

SPILLS: Spills Database

Spill reporting data that is collected during the initial report of an incident.

Date of Government Version: 09/04/2018 Date Data Arrived at EDR: 09/06/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 26

Source: Department of Natural Resources

Telephone: 515-281-4367 Last EDR Contact: 09/06/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/05/2013

Number of Days to Update: 61

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 913-551-7003 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/12/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/12/2018

Next Scheduled EDR Contact: 01/21/2019

Data Release Frequency: N/A

#### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 11/26/2018

Data Release Frequency: Varies

#### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/27/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 08/03/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

#### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Varies

#### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 09/21/2018

Next Scheduled EDR Contact: 12/31/2018 Data Release Frequency: Every 4 Years

#### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Annually

#### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Annually

#### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 57

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Annually

#### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 07/20/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

#### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/11/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 10/09/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA,

TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009

Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency,

EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/28/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 09/07/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/04/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/02/2018 Date Data Arrived at EDR: 07/05/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/17/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 10/01/2018

Next Scheduled EDR Contact: 12/31/2018

Data Release Frequency: Varies

**BRS: Biennial Reporting System** 

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/09/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 09/11/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/20/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health Telephone: 703-305-6451

Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

> Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018 Date Data Arrived at EDR: 08/29/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

#### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018

Data Release Frequency: Varies

#### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 09/10/2018

Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018 Date Data Arrived at EDR: 09/05/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 30

Source: EPA

Telephone: (913) 551-7003 Last EDR Contact: 09/18/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

#### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018 Date Data Arrived at EDR: 09/05/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 09/05/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

#### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 06/19/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 87

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 10/15/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 71

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018 Date Data Arrived at EDR: 08/22/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 44

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 08/22/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Quarterly

AIRS: Minor and Title V Sources Listing A listing of Minor and Title V sources.

> Date of Government Version: 06/26/2018 Date Data Arrived at EDR: 07/31/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: 515-281-8468 Last EDR Contact: 09/24/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal combustion residue landfill locations.

Date of Government Version: 09/04/2018 Date Data Arrived at EDR: 09/05/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: 515-281-8308 Last EDR Contact: 09/05/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

DRYCLEANERS: Iowa Drycleaner List A listing of drycleaners in Iowa.

> Date of Government Version: 07/06/2018 Date Data Arrived at EDR: 07/27/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 28

Source: Department of Natural Resources

Telephone: 515-242-5100 Last EDR Contact: 10/15/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/30/2018 Date Data Arrived at EDR: 09/07/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 25

Source: Department of Natural Resources

Telephone: 515-242-5086 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 08/29/2018 Date Data Arrived at EDR: 08/30/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 33

Source: Department of Natural Resources

Telephone: 515-242-5818 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

NPDES: List of NPDES Permittees

The files listed below contain information on facilities that hold NPDES permits, or those that are authorized to discharge wastewater to surface waters in Iowa.

Date of Government Version: 08/08/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 14

Source: Department of Natural Resources

Telephone: 515-281-4736 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 09/18/2018 Date Made Active in Reports: 10/02/2018

Number of Days to Update: 14

Source: Department of Natural Resources

Telephone: 515-725-0302 Last EDR Contact: 09/17/2018

Next Scheduled EDR Contact: 12/31/2018 Data Release Frequency: Annually

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Novt Schoduled EDR C

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc. Date Data Arrived at EDR: N/A Telephone: N/A Date Made Active in Reports: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Number of Days to Update: N/A Data Release Frequency: Varies

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Iowa.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/03/2014

Number of Days to Update: 186

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Iowa.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/26/2013

Number of Days to Update: 178

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 09/10/2018

Number of Days to Update: 31

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 07/13/2018 Date Made Active in Reports: 08/01/2018

Number of Days to Update: 19

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/09/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 07/01/2018 Date Data Arrived at EDR: 08/01/2018 Date Made Active in Reports: 08/31/2018

Number of Days to Update: 30

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/21/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/06/2018

Next Scheduled EDR Contact: 12/24/2018 Data Release Frequency: Annually

#### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

#### Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facilities Source: Department of Human Services

Telephone: 515-281-4357

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Iowa

Source: Department of Natural Resources

Telephone: 319-335-1575

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

DAVENPORT AASF 9650 NORTH HARRISON STREET DAVENPORT, IA 52806

### TARGET PROPERTY COORDINATES

Latitude (North): 41.61652 - 41° 36′ 59.47″ Longitude (West): 90.58158 - 90° 34′ 53.69″

Universal Tranverse Mercator: Zone 15 UTM X (Meters): 701498.5 UTM Y (Meters): 4609812.5

Elevation: 746 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 5941021 DAVENPORT EAST, IA

Version Date: 2013

North Map: 5941031 ELDRIDGE, IA

Version Date: 2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

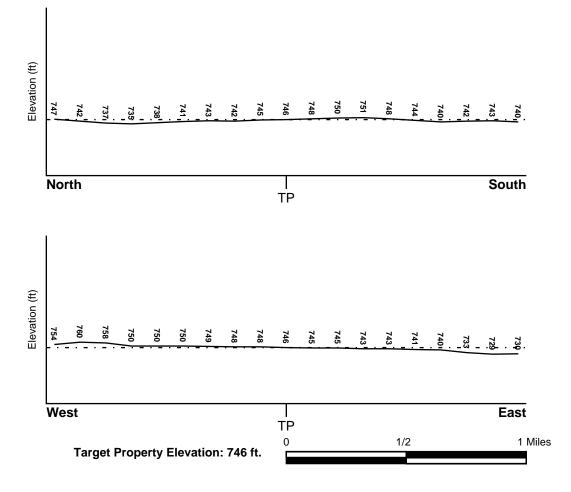
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

#### **SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### **FEMA FLOOD ZONE**

Flood Plain Panel at Target Property FEMA Source Type

19163C0355F FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

19163C0215F FEMA FIRM Flood data 19163C0360F FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

DAVENPORT EAST YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

### **GEOLOGIC AGE IDENTIFICATION**

Era: Paleozoic Category: Stratifed Sequence

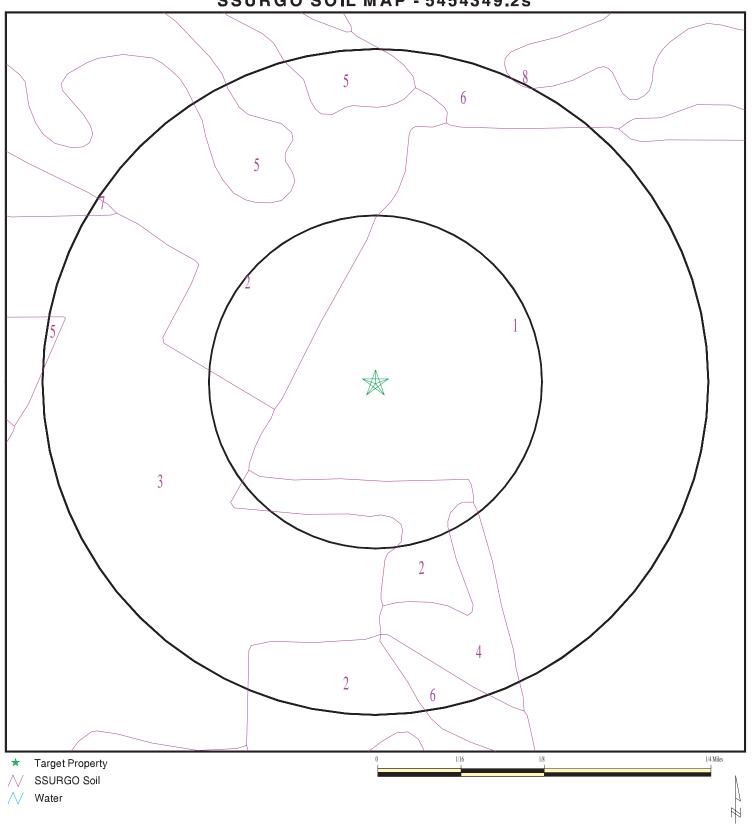
System: Silurian

Series: Middle Silurian (Niagoaran)

Code: S2 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## SSURGO SOIL MAP - 5454349.2s



SITE NAME: Davenport AASF 9650 North Harrison Street ADDRESS:

Davenport IA 52806 41.61652 / 90.58158 LAT/LONG:

CLIENT: AECOM CONTACT: Brittany Kirchmann

INQUIRY#: 5454349.2s

DATE: October 16, 2018 8:52 am

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:

Hydrologic Group: Not reported

Soil Drainage Class: Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Muscatine

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

	Soil Layer Information							
	Воц	Boundary Classification		fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6	
2	14 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6	
3	46 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6	

### Soil Map ID: 3

Soil Component Name: Orthents, loamy

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Colo

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	Boundary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)	
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	20 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

## Soil Map ID: 5

Soil Component Name: Garwin

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Roadion
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1

Soil Map ID: 6

Soil Component Name: Tama

Soil Surface Texture: silty clay loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

Soil Map ID: 7

Soil Component Name: Tama

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Bou	ndary		Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec		
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1	

	Soil Layer Information						
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
2	18 inches	48 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
3	48 inches	59 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1

Soil Map ID: 8

Soil Component Name: Killduff

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)	Soil Reaction (pH)
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1

	Soil Layer Information						
	Вои	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	ASHTO Group Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
2	7 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

LOCATION

MAP ID WELL ID FROM TP

23 USGS40000314558 1/4 - 1/2 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION
WELL ID FROM TP

No PWS System Found

MAP ID

Note: PWS System location is not always the same as well location.

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

## STATE DATABASE WELL INFORMATION

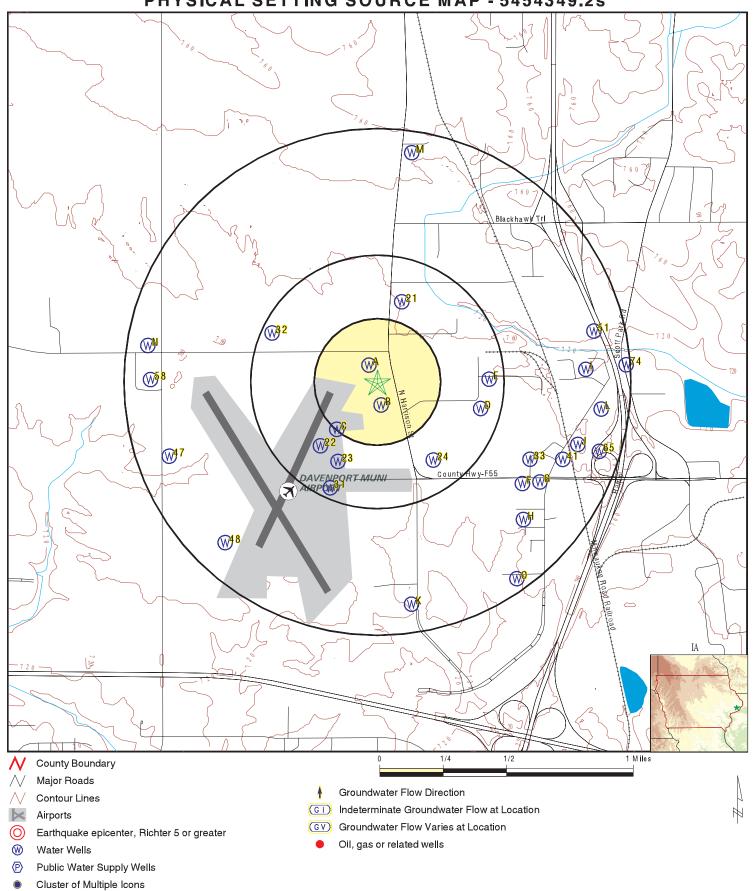
		LOCATION
MAP ID	WELL ID	FROM TP
A1	IAPU40000340622	0 - 1/8 Mile NNW
A2	IAPU40000340619	0 - 1/8 Mile NNW
A3	IAPU40000340621	0 - 1/8 Mile NNW
A4	IAPU40000340618	0 - 1/8 Mile NNW
A5	IAPU40000340609	0 - 1/8 Mile NNW
B6	IAPU40000180457	0 - 1/8 Mile South
B7	IAPW40000022857	0 - 1/8 Mile South
C8	IAPU40000340611	1/8 - 1/4 Mile SW
C9	IAPU40000340612	1/8 - 1/4 Mile SW
C10	IAPU40000340616	1/8 - 1/4 Mile SW
C11	IAPU40000340606	1/8 - 1/4 Mile SW
C12	IAPU40000340615	1/8 - 1/4 Mile SW
C13	IAPU40000340607	1/8 - 1/4 Mile SW
C14	IAPU40000340605	1/8 - 1/4 Mile SW
C15	IAPU40000340613	1/8 - 1/4 Mile SW
C16	IAPU40000340614	1/8 - 1/4 Mile SW
C17	IAPU40000340617	1/8 - 1/4 Mile SW
C18	IAPU40000340601	1/4 - 1/2 Mile SW
C19	IAPU40000340603	1/4 - 1/2 Mile SW
C20	IAPU40000340608	1/4 - 1/2 Mile SW
21	IAPU40000340623	1/4 - 1/2 Mile NNE
22	IAPU40000348878	1/4 - 1/2 Mile SW
24	IAPU40000340671	1/4 - 1/2 Mile SE
D25	IAUS3000003466	1/4 - 1/2 Mile ESE
D26	IAPU40000353292	1/4 - 1/2 Mile ESE
D27	IAPU4000076880	1/4 - 1/2 Mile ESE
E28	IAUS30000005451	1/4 - 1/2 Mile East
E29	IAPU4000076877	1/4 - 1/2 Mile East
E30	IAPU40000353290	1/4 - 1/2 Mile East
31	IAPU4000066196	1/4 - 1/2 Mile SSW
32	IAPU4000340564	1/4 - 1/2 Mile WNW
33	IAPU40000340705	1/2 - 1 Mile ESE
F34	IAPW4000091252	1/2 - 1 Mile SE
F35	IAPU40000180630	1/2 - 1 Mile SE
F36	IAPW4000027096	1/2 - 1 Mile SE
G37	IAPW4000026835 IAPU4000180650	1/2 - 1 Mile ESE
G38	IAPW40000180650	1/2 - 1 Mile ESE 1/2 - 1 Mile SE
H39		
H40	IAPU40000180645	1/2 - 1 Mile SE
41	IAPU40000340729	1/2 - 1 Mile ESE
H42	IAPU40000180667	1/2 - 1 Mile SE
143	IAPW4000083097	1/2 - 1 Mile East
144	IAPU40000189861	1/2 - 1 Mile East
J45	IAPU40000348938	1/2 - 1 Mile ESE
J46	IAPU40000348939	1/2 - 1 Mile ESE
47	IAPU4000066021	1/2 - 1 Mile WSW
48	IAPU40000348870	1/2 - 1 Mile SW
K49	IAPU4000348917	1/2 - 1 Mile South
K50	IAPU4000066303	1/2 - 1 Mile South
51	IAPU40000344892	1/2 - 1 Mile ENE
L52	IAPW4000037890	1/2 - 1 Mile East
K53	IAPW4000046918	1/2 - 1 Mile South

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M54	IAPW40000098147	1/2 - 1 Mile North
M55	IAPU40000180334	1/2 - 1 Mile North
L56	IAPW4000070544	1/2 - 1 Mile East
L57	IAPU40000189863	1/2 - 1 Mile East
58	IAPU40000180167	1/2 - 1 Mile West
M59	IAPW4000098146	1/2 - 1 Mile North
M60	IAPU40000180350	1/2 - 1 Mile North
K61	IAPW4000027899	1/2 - 1 Mile SSE
M62	IAPW4000098148	1/2 - 1 Mile North
M63	IAPU40000180331	1/2 - 1 Mile North
N64	IAPW4000028837	1/2 - 1 Mile West
65	IAPU40000180706	1/2 - 1 Mile ESE
N66	IAPU40000180145	1/2 - 1 Mile West
N67	IAPW4000041367	1/2 - 1 Mile West
M68	IAPW4000075808	1/2 - 1 Mile North
M69	IAPU40000180338	1/2 - 1 Mile North
M70	IAPW4000075807	1/2 - 1 Mile North
M71	IAPU40000180330	1/2 - 1 Mile North
072	IAPU40000180682	1/2 - 1 Mile SE
O73	IAPW4000059934	1/2 - 1 Mile SE
74	IAPU40000211804	1/2 - 1 Mile East

## PHYSICAL SETTING SOURCE MAP - 5454349.2s



SITE NAME: Davenport AASF ADDRESS: 9650 North Harrison Street

LAT/LONG:

Davenport IA 52806

41.61652 / 90.58158

CLIENT: AECOM CONTACT: Brittany Kirchmann INQUIRY #: 5454349.2s

DATE: October 16, 2018 8:52 am

### **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

A1 NNW IA WELLS IAPU40000340622

0 - 1/8 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 46074 Well Type: Registered abandoned wells

Well Depth: 14 Construction/Permit Date: n.a.

Notes: Well plugged: 3/30/2001; Well type: < 18" dia.

A2 NNW IA WELLS IAPU40000340619

0 - 1/8 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 46073 Well Type: Registered abandoned wells

Well Depth: 14 Construction/Permit Date: n.a.

Notes: Well plugged: 3/30/2001; Well type: < 18" dia.

0 - 1/8 Mile

Lower

Database: All Known Water Wells in the State of Iowa
Well ID: Well Type: Registered abandoned wells

Well Depth: 10 Construction/Permit Date: n.a.

Notes: Well plugged: 3/30/2001; Well type: < 18" dia.

A4 NNW IA WELLS IAPU40000340618 0 - 1/8 Mile

Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 46076 Well Type: Registered abandoned wells

Well Depth: 12 Construction/Permit Date: n.a.

Notes: Well plugged: 3/30/2001; Well type: < 18" dia.

A5 NNW IA WELLS IAPU40000340609

0 - 1/8 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 46075 Well Type: Registered abandoned wells

Well Depth: 11 Construction/Permit Date: n.a.

Notes: Well plugged: 3/30/2001; Well type: < 18" dia.

Map ID Direction Distance

Elevation Database EDR ID Number

South 0 - 1/8 Mile

**B6** 

**IA WELLS** IAPU40000180457

Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2099520 Well Type: Private well tracking system

Well Depth: Construction/Permit Date: 33 8/23/2003

Status: Plugged Notes:

**B7** South **IA WELLS** IAPW4000022857

0 - 1/8 Mile Higher

> Database: Private Well Tracking System Wells

PWTS Well #: 2099520 Permit #: Not Reported

Tier #: 79 Range #:

Elevation: 747 Elevation Accuracy: Not Reported

Bedrock Depth: Total Well Depth: 33

Depth to Water: 32 Well Finished: 23-AUG-03

Driller: Not Reported Construction Method: Auger, Bored or Bucket Monitoring

Not Reported Remarks: Well Use: Heat Pump Wells: Well Status: Plugged 16 Permitted Private Well: Not Reported Abandoned Well: Χ

Renovated Well: Not Reported Registered for Tests: Not Reported

C8 **IA WELLS** IAPU40000340611

1/8 - 1/4 Mile Higher

> All Known Water Wells in the State of Iowa Database:

Registered abandoned wells Well ID: 36392 Well Type:

Well Depth: 15 Construction/Permit Date:

Well plugged: 4/9/1999; Well type: < 18" dia. Notes:

**IA WELLS** IAPU40000340612

SW 1/8 - 1/4 Mile Higher

All Known Water Wells in the State of Iowa Database:

Well ID: 20540 Well Type: Registered abandoned wells

Well Depth: Construction/Permit Date: n.a.

Notes: Well plugged: 9/27/1995; Well type: Sandpoint

Map ID Direction Distance

Elevation Database EDR ID Number

C10 SW **IA WELLS** IAPU40000340616

1/8 - 1/4 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: 20539 Registered abandoned wells Well Type:

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 9/27/1995; Well type: Sandpoint

C11 SW **IA WELLS** IAPU40000340606

1/8 - 1/4 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: Registered abandoned wells Well Type:

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

C12 SW **IA WELLS** IAPU40000340615

1/8 - 1/4 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: 36399 Well Type: Registered abandoned wells

Well Depth: Construction/Permit Date: 15 n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

C13 SW 1/8 - 1/4 Mile

Higher

Well ID: 36394 Well Type: Registered abandoned wells

All Known Water Wells in the State of Iowa Well Depth: 15 Construction/Permit Date:

Well plugged: 4/9/1999; Well type: < 18" dia. Notes:

C14 SW **IA WELLS** IAPU40000340605

1/8 - 1/4 Mile Higher

Database:

Database: All Known Water Wells in the State of Iowa

Well ID: 36393 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia. **IA WELLS** 

IAPU40000340607

Map ID Direction Distance

Elevation \_\_\_\_ Database EDR ID Number

C15 SW IA WELLS IAPU40000340613

1/8 - 1/4 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 36397 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

C16 SW IA WELLS IAPU40000340614

1/8 - 1/4 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 36400 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

C17 SW IA WELLS IAPU40000340617

SW 1/8 - 1/4 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 36398 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

C18

SW 1/4 - 1/2 Mile

4 - 1/2 Mile

Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 20541 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 9/27/1995; Well type: Sandpoint

C19 SW IA WELLS IAPU40000340603

1/4 - 1/2 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 36395 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

**IA WELLS** 

IAPU40000340601

Map ID Direction Distance

Elevation Database EDR ID Number

C20 SW

IA WELLS IAPU40000340608

1/4 - 1/2 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 36401 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: 4/9/1999; Well type: < 18" dia.

21 IA WELLS IAPU40000340623

1/4 - 1/2 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 26160 Well Type: Registered abandoned wells

Well Depth: 75 Construction/Permit Date: n.a.

Notes: Well plugged: 8/7/1996; Well type: < 18" dia.

22 SW IA WELLS IAPU40000348878

1/4 - 1/2 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2407644 Well Type: Public Water Supply well

Well Depth: 1100 Construction/Permit Date: 1/1/1948

Notes: PWSID: 8222028; Permit Status: Inactive

23 SSW FED USGS USGS40000314558

1/4 - 1/2 Mile Higher

Organization ID: USGS-IA Organization Name: USGS Iowa Water Science Center

Monitor Location: 079N03E26CCDB 03746 1949Davenport Airport 1

Type: Well Description: Not Reported HUC: 07080101 Drainage Area: Not Reported Not Reported Contrib Drainage Area: Not Reported Drainage Area Units: Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported 19490402 1170

Construction Date: 19490402 Well Depth: 1170 Well Depth Units: ft Well Hole Depth: 1170

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1949-04-02 Feet below surface: 32.00 Feet to sea level: Not Reported

Note: Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number

24 SE

Ë IA WELLS IAPU4000340671

1/4 - 1/2 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 8128 Well Type: Registered abandoned wells

Well Depth: 136 Construction/Permit Date: n.a.

Notes: Well plugged: 4/15/1992; Well type: < 18" dia.

D25
ESE IA WELLS IAUS30000003466

1/4 - 1/2 Mile Lower

Database: Water Use Permits IEFD Location ID: 20000315372

Facility ID: 310346426 Program ID: 1941 Facility Name: Petersen Properties Operating Status: Drilled Well ID: W4060 Well Location ID: 7563 Well Name: Well Depth: 490 Not Reported Construction Date: Not Reported Aquifer Type: Silurian Aquifer Rank: Primary Field Office #: INTERPOLATION-PHOTO Coordinate Method: Coordinate Reference: WELL

Coordinate Verification: Not Reported HUC #: 070801010405

URL: http://programs.iowadnr.gov/wateruse/

D26

ESE 1/4 - 1/2 Mile

Lower

Database: All Known Water Wells in the State of Iowa
Well ID: Yell Type: Public Water Supply well

Well Depth: 400 Construction/Permit Date: 1/1/1966

Notes: PWSID: 8222174; Permit Status: Acitve

\_\_\_\_\_

D97

ESE 1/4 - 1/2 Mile

Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 18777 Well Type: IGS well database Well Depth: 486 Construction/Permit Date: 2/5/1966

Notes: Bedrock depth: 95; Well type: Commercial, Public Supply

**IA WELLS** 

**IA WELLS** 

IAPU40000353292

IAPU4000076880

Map ID Direction Distance

Elevation Database EDR ID Number

E28 **East** 

**IA WELLS** IAUS30000005451

1/4 - 1/2 Mile Lower

> Database: Water Use Permits IEFD Location ID: 20000315373 Facility ID: 310346426 Program ID: 1941 Facility Name: **Operating Status:** Drilled Petersen Properties Well ID: Well Location ID: 7564 W3879 Well Name: Not Reported Well Depth: 490 Construction Date: Not Reported Aquifer Type: Silurian Aquifer Rank: Primary Field Office #: 6

Coordinate Method: INTERPOLATION-PHOTO Coordinate Reference: WELL Coordinate Verification: HUC #: 070801010405 Not Reported

URL: http://programs.iowadnr.gov/wateruse/

**East** 1/4 - 1/2 Mile

IAPU40000076877 **IA WELLS** 

Lower

Database: All Known Water Wells in the State of Iowa

IGS well database Well ID: 44117 Well Type:

Well Depth: 490 Construction/Permit Date: 2/28/1966

Notes: Bedrock depth: 0; Well type: Commercial, Public Supply

E30 East 1/4 - 1/2 Mile Lower

**IA WELLS** IAPU40000353290

Database: All Known Water Wells in the State of Iowa

2408247 Well ID: Well Type: Public Water Supply well

Well Depth: Construction/Permit Date: 1/1/1966

Notes: PWSID: 8222174; Permit Status: Acitve

SSW **IA WELLS** IAPU4000066196

1/4 - 1/2 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: IGS well database 3746 Well Type:

Well Depth: Construction/Permit Date: 4/2/1949 1170

Notes: Bedrock depth: 119; Well type: Public Supply

Map ID Direction Distance

Elevation Database EDR ID Number

32 WNW 1/4 - 1/2 Mile

**IA WELLS** IAPU40000340564

Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 8129 Well Type: Registered abandoned wells

Well Depth: 207 Construction/Permit Date: n.a.

Notes: Well plugged: 4/15/1992; Well type: < 18" dia.

33 ESE **IA WELLS** IAPU40000340705

1/2 - 1 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: 8110 Registered abandoned wells Well Type:

Well Depth: 138 Construction/Permit Date: n.a.

Notes: Well plugged: 3/19/1991; Well type: < 18" dia.

SE 1/2 - 1 Mile **IA WELLS** IAPW4000091252

Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2152963 Permit #: Not Reported

79 Range #: Tier #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 123 Bedrock Depth:

Depth to Water: Well Finished: 01-APR-96 Construction Method: Driller: Latta Well & Pump Rotary Drill Well Use: Household Remarks: Not Reported

Active Log Heat Pump Wells: Well Status:

Permitted Private Well: Not Reported Abandoned Well: Not Reported Renovated Well: Not Reported Registered for Tests: Not Reported

F35 SE 1/2 - 1 Mile **IA WELLS** IAPU40000180630

Higher

All Known Water Wells in the State of Iowa Database:

Private well tracking system Well ID: 2152963 Well Type:

Construction/Permit Date: Well Depth: 123 4/1/1996

Status: Active Logged Notes:

Map ID Direction Distance

Elevation Database EDR ID Number

F36
SE
IA WELLS
IAPW40000027096

1/2 - 1 Mile Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2101645 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 283 Bedrock Depth: 0

Depth to Water:0Well Finished:21-SEP-68Driller:Not ReportedConstruction Method:Rotary DrillRemarks:Not ReportedWell Use:Household

Well Status: Plugged Heat Pump Wells: 0
Permitted Private Well: Not Reported Abandoned Well: X

Renovated Well: Not Reported Registered for Tests: Not Reported

G37
ESE IA WELLS IAPW40000026835
1/2 - 1 Mile

Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2100851 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 210 Bedrock Depth: 0

Depth to Water: 40 Well Finished: 21-SEP-68
Driller: Not Reported Construction Method: Rotary Drill
Remarks: Not Reported Well Use: Household

Well Status: Plugged Heat Pump Wells: 0
Permitted Private Well: Not Reported Abandoned Well: X

Renovated Well: Not Reported Registered for Tests: Not Reported

ESE IA WELLS IAPU4000180650

1/2 - 1 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2100851 Well Type: Private well tracking system

Well Depth: 210 Construction/Permit Date: 9/21/1968

Notes: Status: Plugged

H39 SE IA WELLS IAPW4000022052

1/2 - 1 Mile Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2092664 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 200 Bedrock Depth: 0

Depth to Water:0Well Finished:12-OCT-65Driller:Not ReportedConstruction Method:Rotary DrillRemarks:Not ReportedWell Use:Household

Well Status: Active Heat Pump Wells: 0

Permitted Private Well: Not Reported Abandoned Well: Not Reported

Renovated Well: Not Reported Registered for Tests: X

H40
SE
IA WELLS
IAPU40000180645
1/2 - 1 Mile

1/2 - 1 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2092664 Well Type: Private well tracking system

Well Depth: 200 Construction/Permit Date: 10/12/1965

Notes: Status: Active

ESE IA WELLS IAPU4000340729

1/2 - 1 Mile Lower

wer

Database: All Known Water Wells in the State of Iowa
Well ID: Well Type: Registered abandoned wells

Well Depth: 56 Construction/Permit Date: n.a.

Notes: Well plugged: 5/5/1989; Well type: < 18" dia.

H42 SE IA WELLS IAPU40000180667

1/2 - 1 Mile Lower

Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2101645 Well Type: Private well tracking system

Well Depth: 283 Construction/Permit Date: 9/21/1968

Notes: Status: Plugged

143 East IA WELLS IAPW40000083097 1/2 - 1 Mile

Database: Private Well Tracking System Wells

 PWTS Well #:
 2174531
 Permit #:
 41369

 Tier #:
 79
 Range #:
 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 215 Bedrock Depth: 0

Depth to Water:18Well Finished:15-APR-14Driller:Gingerich Well Co.Construction Method:Rotary DrillRemarks:Not ReportedWell Use:Household

Well Status: Active Log Heat Pump Wells: 0

Permitted Private Well: X Abandoned Well: Not Reported Renovated Well: Not Reported Registered for Tests: Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number

I44 East

IA WELLS IAPU40000189861

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2174531 Well Type: Private well tracking system

Well Depth: 215 Construction/Permit Date: 4/15/2014

Notes: Status: Active Logged

J45
ESE IA WELLS IA PU40000348938

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2408099 Well Type: Public Water Supply well

Well Depth: 150 Construction/Permit Date: unkn

Notes: PWSID: 8222732; Permit Status: Inactive

J46
ESE IA WELLS IAPU40000348939

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2410061 Well Type: Public Water Supply well

Well Depth: 430 Construction/Permit Date: 1/1/1965

Notes: PWSID: 8222732; Permit Status: Inactive

47 WSW IA WELLS IAPU4000066021

WSW 1/2 - 1 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 67025 Well Type: IGS well database

Well Depth: 0 Construction/Permit Date: unkn

Notes: Bedrock depth: 0; Well type: Unknown

48 SW IA WELLS IAPU40000348870

1/2 - 1 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2413502 Well Type: Public Water Supply well

Well Depth: unkn Construction/Permit Date: 8/1/1994

Notes: PWSID: 8222403; Permit Status: Inactive

Map ID Direction Distance

Elevation \_\_\_\_ Database EDR ID Number

South

IA WELLS IAPU40000348917

1/2 - 1 Mile Lower

K49

Database: All Known Water Wells in the State of Iowa

Well ID: 2408712 Well Type: Public Water Supply well

Well Depth: 209 Construction/Permit Date: unkn

Notes: PWSID: 8222801; Permit Status: Inactive

K50 South IA WELLS IAPU4000066303

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 48321 Well Type: IGS well database

Well Depth: 209 Construction/Permit Date: unkn

Notes: Bedrock depth: 0; Well type: Public Supply

51 IA WELLS IAPU40000344892

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 43234 Well Type: Registered abandoned wells

Well Depth: 15 Construction/Permit Date: n.a.

Notes: Well plugged: nil; Well type: > 18" dia.

L52
East IA WELLS IAPW40000037890

East 1/2 - 1 Mile Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2114244 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 738 Elevation Accuracy: Not Reported

Total Well Depth: 183 Bedrock Depth: 0

Depth to Water:0Well Finished:04-NOV-91Driller:Latta Well & PumpConstruction Method:Rotary DrillRemarks:Not ReportedWell Use:Household

Well Status: Active Heat Pump Wells: 0

Permitted Private Well: Not Reported Abandoned Well: Not Reported

Renovated Well: Not Reported Registered for Tests: X

Map ID Direction Distance

Elevation Database EDR ID Number

K53
South IA WELLS IAPW40000046918

1/2 - 1 Mile Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2124159 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 200 Bedrock Depth: 0

Depth to Water:0Well Finished:01-JAN-67Driller:Not ReportedConstruction Method:Rotary DrillRemarks:Not ReportedWell Use:Household

Well Status:PluggedHeat Pump Wells:0Permitted Private Well:Not ReportedAbandoned Well:X

Renovated Well: Not Reported Registered for Tests: Not Reported

M54
North
1/2 - 1 Mile
IA WELLS
IAPW4000098147

Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2167103 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 17 Bedrock Depth: 0

Depth to Water: 11 Well Finished: 01-JAN-90

Driller: Not Reported Construction Method: Auger, Bored or Bucket

Remarks: Not Reported Well Use: Monitoring Well Status: Plugged Heat Pump Wells: 0

Permitted Private Well: Not Reported Abandoned Well: X

Renovated Well: Not Reported Registered for Tests: Not Reported

M55 North IA WELLS IAPU40000180334

North 1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2167103 Well Type: Private well tracking system

Well Depth: 17 Construction/Permit Date: 1/1/1990

Notes: Status: Plugged

L56

East IA WELLS IAPW40000070544 1/2 - 1 Mile

Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2131995 Permit #: 27299
Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 255 Bedrock Depth: 0

Depth to Water:33Well Finished:06-DEC-07Driller:Gingerich Well Co.Construction Method:Rotary Drill

Remarks: Not Reported Well Use: Household, Commercial

Well Status: Active Log Heat Pump Wells:

Permitted Private Well: X Abandoned Well: Not Reported Renovated Well: Not Reported Registered for Tests: Not Reported

East IA WELLS IAPU40000189863

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2131995 Well Type: Private well tracking system

Well Depth: 255 Construction/Permit Date: 12/6/2007

Notes: Status: Active Logged

West IA WELLS IAPU40000180167 1/2 - 1 Mile

Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2103457 Well Type: Private well tracking system

Well Depth: 200 Construction/Permit Date: 9/21/1968

Notes: Status: Active

M59 North IA WELLS IAPW4000098146

North 1/2 - 1 Mile Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2167102 Permit #: Not Reported Tier #: 79 Range #: 3
Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 16 Bedrock Depth: 0

Depth to Water: 10 Well Finished: 01-JAN-90

Driller: Not Reported Construction Method: Auger, Bored or Bucket

Remarks: Not Reported Well Use: Monitoring

Well Status: Plugged Heat Pump Wells: 0
Permitted Private Well: Not Reported Abandoned Well: X

Renovated Well: Not Reported Registered for Tests: Not Reported

M60 North IA WELLS IAPU40000180350

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2167102 Well Type: Private well tracking system

Well Depth: 16 Construction/Permit Date: 1/1/1990

Notes: Status: Plugged

TC5454349.2s Page A-29

Map ID Direction Distance

Elevation Database EDR ID Number

K61 SSE

IA WELLS IAPW40000027899

IAPU40000180331

1/2 - 1 Mile Lower

Database: Private Well Tracking System Wells

 PWTS Well #:
 2102404
 Permit #:
 17428

 Tier #:
 79
 Range #:
 3

Elevation: 0 Elevation Accuracy: Not Reported Total Well Depth: 295 Bedrock Depth: 0

Depth to Water: 50 Well Finished: 03-AUG-04
Driller: Gingerich Well Co. Construction Method: Rotary Drill

Remarks: Not Reported Well Use: Household Well Status: Retired Heat Pump Wells: 0

Permitted Private Well: X Abandoned Well: Not Reported Renovated Well: Not Reported Registered for Tests: Not Reported

M62
North
IA WELLS
IAPW40000098148
1/2 - 1 Mile
Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2167104 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 16 Bedrock Depth: 0

Depth to Water: 11 Well Finished: 01-JAN-90

Driller: Not Reported Construction Method: Auger, Bored or Bucket

Remarks: Not Reported Well Use: Monitoring Well Status: Plugged Heat Pump Wells: 0

Permitted Private Well: Not Reported Abandoned Well: X

Renovated Well: Not Reported Registered for Tests: Not Reported

M63
North
IA WELLS
1/2 - 1 Mile
Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2167104 Well Type: Private well tracking system

Well Depth: 16 Construction/Permit Date: 1/1/1990

Notes: Status: Plugged

N64
West IA WELLS IAPW40000028837

1/2 - 1 Mile Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2103457 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 640 Elevation Accuracy: Not Reported

Total Well Depth: 200 Bedrock Depth: 0

Depth to Water:0Well Finished:21-SEP-68Driller:Not ReportedConstruction Method:Rotary DrillRemarks:Not ReportedWell Use:Household

Well Status: Active Heat Pump Wells: 0

Permitted Private Well: Not Reported Abandoned Well: Not Reported

Renovated Well: Not Reported Registered for Tests: X

ESE IA WELLS IAPU40000180706

1/2 - 1 Mile Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2114244 Well Type: Private well tracking system

Well Depth: 183 Construction/Permit Date: 11/4/1991

Notes: Status: Active

N66
West IA WELLS IAPU40000180145

1/2 - 1 Mile Higher

Database: All Known Water Wells in the State of Iowa

Well ID: 2115343 Well Type: Private well tracking system

Well Depth: unkn Construction/Permit Date: unkn

Notes: Status: Retired

N67
West IA WELLS IAPW4000041367

1/2 - 1 Mile Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2115343 Permit #: 21532 Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 0 Bedrock Depth: 0

Depth to Water:0Well Finished:Not ReportedDriller:Not ReportedConstruction Method:Not ReportedRemarks:Not ReportedWell Use:Heat pump

Well Status: Retired Heat Pump Wells: 4

Permitted Private Well:XAbandoned Well:Not ReportedRenovated Well:Not ReportedRegistered for Tests:Not Reported

M68
North
IA WELLS IAPW4000075808

1/2 - 1 Mile Higher

Database: Private Well Tracking System Wells

PWTS Well #: 2167101 Permit #: Not Reported

Tier #: 79 Range #: 3

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 16 Bedrock Depth: 0

Depth to Water: Well Finished: 01-JAN-90 10

Driller: Not Reported Construction Method: Auger, Bored or Bucket

Remarks: Not Reported Well Use: Monitoring Well Status: Heat Pump Wells: Plugged 0 Permitted Private Well: Not Reported Abandoned Well: Х

Renovated Well: Not Reported Registered for Tests: Not Reported

M69 IAPU40000180338

North 1/2 - 1 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: 2167101 Well Type: Private well tracking system

Well Depth: 16 Construction/Permit Date: 1/1/1990

Status: Plugged Notes:

M70 **IA WELLS** IAPW4000075807 North 1/2 - 1 Mile

Higher

Private Well Tracking System Wells Database:

PWTS Well #: 2167100 Not Reported Permit #:

Tier #: 79 Range #:

Elevation Accuracy: Elevation: 0 Not Reported

Total Well Depth: 16 Bedrock Depth:

Depth to Water: 8 Well Finished: 01-JAN-90

Driller: Not Reported Construction Method: Auger, Bored or Bucket Remarks: Well Use: Monitoring

Not Reported Well Status: Plugged Heat Pump Wells: 0 Permitted Private Well: Not Reported Abandoned Well: Χ

Renovated Well: Not Reported Not Reported Registered for Tests:

M71 **IA WELLS** IAPU40000180330 North

1/2 - 1 Mile Higher

> Database: All Known Water Wells in the State of Iowa

Well ID: 2167100 Well Type: Private well tracking system

Well Depth: Construction/Permit Date: 1/1/1990 16

Status: Plugged Notes:

072 **IA WELLS** IAPU40000180682

1/2 - 1 Mile

Lower

Database: All Known Water Wells in the State of Iowa

Well ID: 2144123 Private well tracking system

Well Depth: Construction/Permit Date: 1/1/1979 200

Status: Active Notes:

**IA WELLS** 

Map ID Direction Distance

Elevation Database EDR ID Number

O73 SE 1/2 - 1 Mile **IA WELLS** IAPW4000059934

Lower

Database: Private Well Tracking System Wells

PWTS Well #: 2144123 Not Reported Permit #:

Tier #: 79 Range #:

Elevation: 0 Elevation Accuracy: Not Reported

Total Well Depth: 200 Bedrock Depth:

Depth to Water: Well Finished: 01-JAN-79 Driller: Not Reported Rotary Drill Construction Method: Household Remarks: Not Reported Well Use:

Well Status: Active Heat Pump Wells: 0

Permitted Private Well: Not Reported Abandoned Well: Not Reported

Renovated Well: Not Reported Registered for Tests: Χ

**East IA WELLS** IAPU40000211804 1/2 - 1 Mile

Lower

All Known Water Wells in the State of Iowa Database:

Well ID: 26074 Well Type: Permitted private wells

Well Depth: unkn Construction/Permit Date: unkn

Notes: Primary use: household

#### AREA RADON INFORMATION

State Database: IA Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average
52806	259	0.2	115.5	4.8

Federal EPA Radon Zone for SCOTT County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 52806

Number of sites tested: 7

% <4 pCi/L Area Average Activity % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor Not Reported Not Reported Not Reported Not Reported Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported 14% Basement 8.743 pCi/L 29% 57%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Iowa

Source: Department of Natural Resources

Telephone: 319-335-1575

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

All Known Water Wells in the State of Iowa Source: Department of Natural Resources

Telephone: 319-335-1353

Well types included are agricultural drainage, permitted private, public, registered abandoned, SDWIS public, water use permit sites, wells registered for testing.

#### Agricultural Drainage Wells

Source: Department of Natural Resources

Telephone: 515-281-5029

Agricultural drainage wells are required to be registered both with the Iowa Department of Natural Resources as a part of the 1987 Groundwater Protection Act, and with the U.S. Environmental Protection Agency as a part of the Underground Injection Control Program.

Private Well Tracking System Wells

Source: Department of Natural Resources

Telephone: 319-335-1353

#### Water Use Permits

Source: Department of Natural Resources

Telephone: 515-725-0336

Wells under Water Use permits. A water use permit is required of any person or entity that withdraws or diverts at least 25,000 gallons of water in a 24-hour period during any calendar year.

#### Private Wells Tested

Source: Department of Natural Resources

Telephone: 515-335-1353

This is a point coverage for private wells which have been tested for bacteria and nitrate contamination under the Grants to Counties program.

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Natural Resources

Oil and gas well locations.

#### RADON

State Database: IA Radon

Source: Department of Public Health

Telephone: 515-281-4340 Radon Test Results

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

#### STREET AND ADDRESS INFORMATION

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Davenport AASF 9650 North Harrison Street Davenport, IA 52806

Inquiry Number: 5454349.2s

October 16, 2018

# **EDR Summary Radius Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

9650 NORTH HARRISON STREET DAVENPORT, IA 52806

#### **COORDINATES**

Latitude (North): 41.6165200 - 41° 36′ 59.47″ Longitude (West): 90.5815800 - 90° 34′ 53.68″

Universal Tranverse Mercator: Zone 15 UTM X (Meters): 701498.5 UTM Y (Meters): 4609812.5

Elevation: 746 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TF

Source: U.S. Geological Survey

Target Property: N

Source: U.S. Geological Survey

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20150812 Source: USDA

# MAPPED SITES SUMMARY

Target Property Address: 9650 NORTH HARRISON STREET DAVENPORT, IA 52806

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
<u>ID</u>	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
A1	ARMY AVIATION	9650 HARRISON STREET	IA RGA LUST		TP
A2	IOWA ARMY NATIONAL G	9650 HARRISON ST	IA AIRS, IA TIER 2		TP
A3	DAVENPORT ARMY AVIAT	9650 HARRISON ST.	IA NPDES		TP
A4	IOWA ARMY NATIONAL G	9650 HARRISON ST	US AIRS		TP
A5	IOWA ARMY NATIONAL G	9650 HARRISON ST	RCRA-SQG, WI MANIFEST		TP
A6	IOWA ARMY NATIONAL G	9650 HARRISON ST.	IA NPDES		TP
A7	ARMY AVIATION	9650 HARRISON STREET	IA LUST, IA UST, IA Financial Assurance		TP
<b>A8</b>	IA ARNG DAVENPORT AV	9650 HARRISON ST	FINDS		TP
A9	IOWA ARMY NATIONAL G	9650 HARRISON STREET	FINDS, ECHO		TP
A10	ARMY AVIATION SUPPOR	9650 HARRISON ST.	IA NPDES		TP
A11	IA ARNG DAVENPORT AV	9650 HARRISON ST ROA	IA TIER 2		TP
A12	ARMY AVIATION	9650 HARRISON STREET	FINDS		TP
13	DAVENPORT MUNICIPAL	9230 HARRISON ST	IA AST	Higher	768, 0.145, SSE
B14	RIVER CITIES INDUSTR	200 EAST 90TH STREET	IA LAST, IA ALLSITES	Lower	1625, 0.308, East
B15	CATERPILLAR TRACTOR	200 E 90TH ST	CORRACTS, RCRA NonGen / NLR	Lower	1625, 0.308, East
16	MUNICIPAL AIRPORT	9010 HARRISON ST	IA LUST, IA UST, IA Financial Assurance	Higher	1687, 0.320, SSE

# TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID	
ARMY AVIATION 9650 HARRISON STREET DAVENPORT, IA	IA RGA LUST Facility ID: 198605893 Facility ID: 5802	N/A	
IOWA ARMY NATIONAL G 9650 HARRISON ST DAVENPORT, IA 52804	IA AIRS Status: MINOR EI Facility Id: 82-01-123	N/A	
	IA TIER 2 Facility Id: 865		
DAVENPORT ARMY AVIAT 9650 HARRISON ST. DAVENPORT, IA 52806	IA NPDES	N/A	
IOWA ARMY NATIONAL G 9650 HARRISON ST DAVENPORT, IA 52804	US AIRS Database: US AIRS MINOR, Date of Governm	N/A nent Version: 10/12/2016	
IOWA ARMY NATIONAL G 9650 HARRISON ST DAVENPORT, IA 52806	RCRA-SQG EPA ID:: IAD981504251 WI MANIFEST ACT Status: A FID: 0 EPA ID: IAD981504251	IAD981504251	
IOWA ARMY NATIONAL G 9650 HARRISON ST. DAVENPORT, IA 52806	IA NPDES	N/A	
ARMY AVIATION 9650 HARRISON STREET DAVENPORT, IA 52804	IA LUST Facility Id: 5802 Leak Status: Stopped	N/A	
	IA UST Facility Id: 6227 Registration: 198605893		
	IA Financial Assurance Database: Financial Assurance 1, Date of Gov Facility Id: 198605893	vernment Version: 08/30/2018	
IA ARNG DAVENPORT AV 9650 HARRISON ST DAVENPORT, IA 52806	FINDS	N/A	

Registry ID:: 110043624432

**FINDS** IOWA ARMY NATIONAL G N/A 9650 HARRISON STREET Registry ID:: 110001755967 DAVENPORT, IA 52806 **ECHO** Registry ID: 110001755967 ARMY AVIATION SUPPOR IA NPDES N/A 9650 HARRISON ST. DAVENPORT, IA 52804 IA ARNG DAVENPORT AV IA TIER 2 N/A 9650 HARRISON ST ROA Facility Id: FAIDSIT2A00000865 DAVENPORT, IA 52806 State Id: IA

ARMY AVIATION 9650 HARRISON STREET DAVENPORT, IA 52804

FINDS

Registry ID:: 110036303149

# SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

# STANDARD ENVIRONMENTAL RECORDS

#### Federal RCRA CORRACTS facilities list

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CATERPILLAR TRACTOR	200 E 90TH ST	E 1/4 - 1/2 (0.308 mi.)	B15	11

N/A

EPA ID:: IAD049997125

#### State and tribal leaking storage tank lists

IA LUST: A review of the IA LUST list, as provided by EDR, and dated 08/30/2018 has revealed that there is 1 IA LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MUNICIPAL AIRPORT Facility Id: 3574	9010 HARRISON ST	SSE 1/4 - 1/2 (0.320 mi.)	16	11
Facility Id: 3575 Leak Status: Stopped				

IA LAST: A review of the IA LAST list, as provided by EDR, and dated 07/16/2018 has revealed that there is 1 IA LAST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RIVER CITIES INDUSTR Site ID: 61	200 EAST 90TH STREET	E 1/4 - 1/2 (0.308 mi.)	B14	10
Site Status Description: Closed				

#### State and tribal registered storage tank lists

IA AST: A review of the IA AST list, as provided by EDR, and dated 07/31/2018 has revealed that there is 1 IA AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAVENPORT MUNICIPAL Registration Number: 21421 Registration Number: 23601 Registration Number: 23602	9230 HARRISON ST	SSE 1/8 - 1/4 (0.145 mi.)	13	10

# ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Lists of Hazardous waste / Contaminated Sites

IA ALLSITES: A review of the IA ALLSITES list, as provided by EDR, and dated 07/16/2018 has revealed that there is 1 IA ALLSITES site within approximately 0.5 miles of the target property.

Lower ElevationAddressDirection / DistanceMap IDPageRIVER CITIES INDUSTR<br/>Status: Closed200 EAST 90TH STREETE 1/4 - 1/2 (0.308 mi.)B1410

Site Id Number: 61

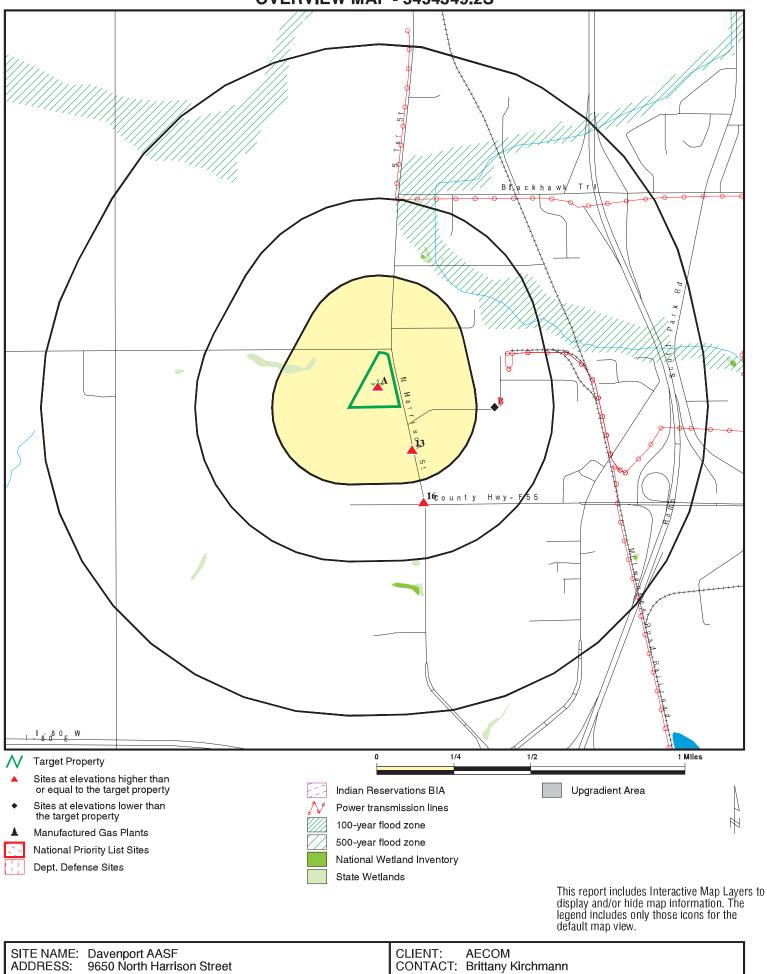
Page 43	
TC5454349.2s	

City	EDR ID Site Name	Site Name	Site Address	Zip Database(s)
DAVENPORT	S122545834	S122545834 CITY OF DAVENPORT - NORTH HARRISON	8400 BLOCK OF N. HARRISON ST.	52806 IA NPDES
DAVENPORT	1024239505	1024239505 KRAFT HEINZ - DAVENPORT	11600 SLOPERTOWN RD	52806 FINDS

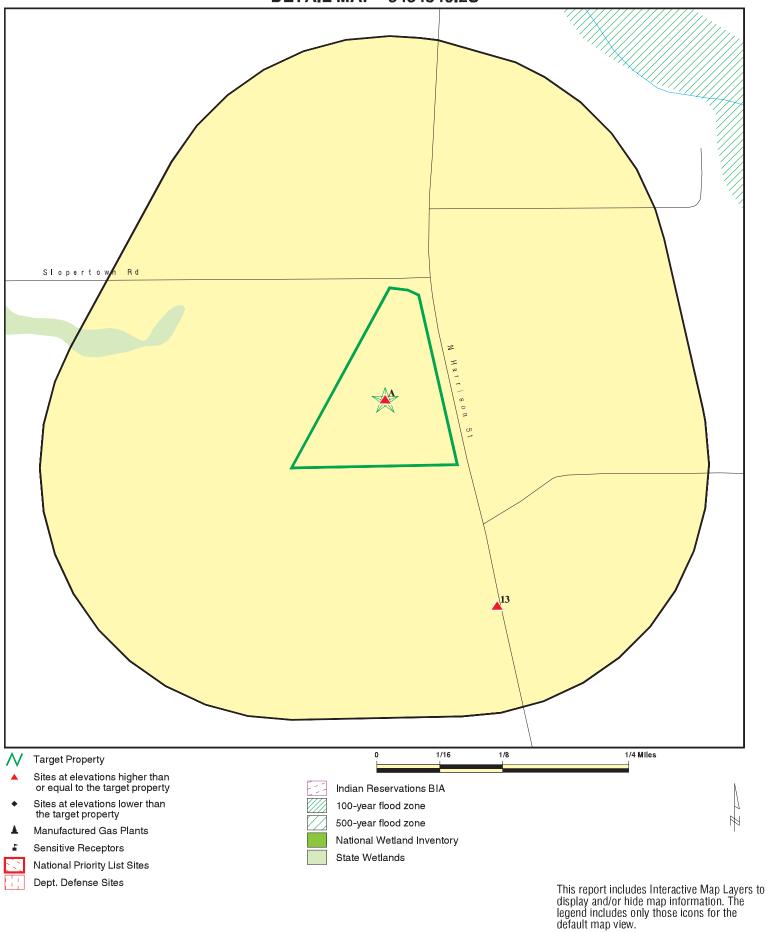
ORPHAN SUMMARY

Count: 2 records.

# **OVERVIEW MAP - 5454349.2S**



# **DETAIL MAP - 5454349.2S**



SITE NAME: Davenport AASF

9650 North Harrison Street Davenport IA 52806

41.61652 / 90.58158

ADDRESS:

LAT/LONG:

October 16, 2018 8:52 am

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CLIENT: AECOM CONTACT: Brittany Kirchmann

INQUIRY#: 5454349.2s

DATE:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
STANDARD ENVIRONMENTAL RECORDS									
Federal NPL site list									
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL sit	e list								
Delisted NPL	1.000		0	0	0	0	NR	0	
Federal CERCLIS list									
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0	
Federal CERCLIS NFRA	P site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0	
Federal RCRA CORRAC	TS facilities li	st							
CORRACTS	1.000		0	0	1	0	NR	1	
Federal RCRA non-COR	RACTS TSD f	acilities list							
RCRA-TSDF	0.500		0	0	0	NR	NR	0	
Federal RCRA generator	rs list								
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250	1	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 1 0	
Federal institutional con engineering controls reg									
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	TP		NR	NR	NR	NR	NR	0	
State- and tribal - equiva	alent CERCLIS	3							
IA SHWS	1.000		0	0	0	0	NR	0	
State and tribal landfill a solid waste disposal site									
IA SWF/LF	0.500		0	0	0	NR	NR	0	
State and tribal leaking	storage tank l	ists							
IA LUST IA LAST INDIAN LUST	0.500 0.500 0.500	1	0 0 0	0 0 0	1 1 0	NR NR NR	NR NR NR	2 1 0	
State and tribal registere	ed storage tar	ık lists							
FEMA UST	0.250		0	0	NR	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
IA UST IA AST INDIAN UST	0.250 0.250 0.250	1	0 0 0	0 1 0	NR NR NR	NR NR NR	NR NR NR	1 1 0
State and tribal institutio control / engineering cor		s						
IA INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary	/ cleanup site	es						
IA VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
IA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>3</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500		0 0 0	0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL IA ALLSITES IA DEL SHWS US CDL	TP 0.500 1.000 TP		NR 0 0 NR	NR 0 0 NR	NR 1 0 NR	NR NR 0 NR	NR NR NR NR	0 1 0 0
Local Land Records								
IA LIENS LIENS 2	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Records of Emergency R	Release Repo	rts						
HMIRS IA SPILLS IA SPILLS 90	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST	0.250 1.000 1.000 0.500 TP TP		0 0 0 0 NR NR	0 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 0 NR NR NR	NR NR NR NR NR NR	0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
2020 COR ACTION	0.250		0	0	NR	NR	NR	0		
TSCA	TP		NR	NR	NR	NR	NR	0		
TRIS	TP		NR	NR	NR	NR	NR	Ö		
SSTS	TP		NR	NR	NR	NR	NR	0		
ROD	1.000		0	0	0	0	NR	0		
RMP	TP		NR	NR	NR	NR	NR	0		
RAATS	TP		NR	NR	NR	NR	NR	0		
PRP	TP		NR	NR	NR	NR	NR	0		
PADS	TP		NR	NR	NR	NR	NR	0		
ICIS	TP		NR	NR	NR	NR	NR	0		
FTTS MLTS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0		
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0		
COAL ASH EPA	0.500		0	0	0	NR	NR	0		
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0		
RADINFO	TP		NR	NR	NR	NR	NR	Ö		
HIST FTTS	TP		NR	NR	NR	NR	NR	0		
DOT OPS	TP		NR	NR	NR	NR	NR	0		
CONSENT	1.000		0	0	0	0	NR	0		
INDIAN RESERV	1.000		0	0	0	0	NR	0		
FUSRAP	1.000		0	0	0	0	NR	0		
UMTRA	0.500		0	0	0	NR	NR	0		
LEAD SMELTERS	TP	4	NR	NR	NR	NR	NR	0		
US AIRS US MINES	TP 0.250	1	NR 0	NR 0	NR NR	NR NR	NR NR	1 0		
ABANDONED MINES	0.250		0	0	NR NR	NR NR	NR NR	0		
FINDS	TP	3	NR	NR	NR	NR	NR	3		
ECHO	TP	1	NR	NR	NR	NR	NR	1		
UXO	1.000	·	0	0	0	0	NR	Ö		
DOCKET HWC	TP		NR	NR	NR	NR	NR	0		
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0		
IA AIRS	TP	1	NR	NR	NR	NR	NR	1		
IA COAL ASH	0.500		0	0	0	NR	NR	0		
IA DRYCLEANERS	0.250		0	0	NR	NR	NR	0		
IA Financial Assurance	TP	1	NR	NR	NR	NR	NR	1		
WI MANIFEST IA NPDES	0.250 TP	1	0 ND	0 ND	NR NR	NR	NR	1		
IA TIER 2	TP	3 2	NR NR	NR NR	NR NR	NR NR	NR NR	3 2		
EDR HIGH RISK HISTORICAL RECORDS										
EDR Exclusive Records										
EDR MGP	1.000		0	0	0	0	NR	0		
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0		
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0		
EDR RECOVERED GOVERNMENT ARCHIVES										
Exclusive Recovered Govt. Archives										
IA RGA HWS	TP		NR	NR	NR	NR	NR	0		
IA NGA HWO	11.		INIX	INL	INIX	INIX	INIX	U		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
IA RGA LUST	TP	1	NR	NR	NR	NR	NR	1
- Totals		17	0	1	4	0	0	22

# NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

Α1 **ARMY AVIATION** IA RGA LUST S116257373 N/A

9650 HARRISON STREET **Target Property** DAVENPORT, IA

Click here for full text details

Actual: 746 ft.

**IA RGA LUST** 

Facility ID: 198605893 Facility ID: 5802

IA AIRS \$113718598 **A2 IOWA ARMY NATIONAL GUARD - AASFS - DAVENPORT** 

IA TIER 2 Target 9650 HARRISON ST N/A

Property DAVENPORT, IA 52804

Click here for full text details

Actual: 746 ft.

**IA AIRS** 

Facility Id: 82-01-123 Status: MINOR EI

IA TIER 2 Facility Id: 865

А3 **DAVENPORT ARMY AVIATION SUPPORT FACILITY - IOWA AR** IA NPDES \$122540281

**Target** 9650 HARRISON ST. **Property DAVENPORT, IA 52806** 

Click here for full text details Actual:

746 ft.

Α4 **IOWA ARMY NATIONAL GUARD - DAVENPORT Target** 9650 HARRISON ST

DAVENPORT, IA 52804 **Property** 

Click here for full text details

Actual: 746 ft.

Α5 **IOWA ARMY NATIONAL GUARD - AASF 3** RCRA-SQG

9650 HARRISON ST **Target DAVENPORT, IA 52806 Property** 

Actual:

Click here for full text details

746 ft.

RCRA-SQG

EPA Id: IAD981504251

**WI MANIFEST** 

N/A

1016935257

1000439561

IAD981504251

N/A

US AIRS

**WI MANIFEST** 

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

IOWA ARMY NATIONAL GUARD - AASF 3 (Continued)

1000439561

ACT Status: A FID: 0

EPA ID: IAD981504251

**IOWA ARMY NATIONAL GUARD AASF 3 READINESS CENTER** 9650 HARRISON ST. **Target** 

IA NPDES \$122541413

N/A

DAVENPORT, IA 52806 **Property** 

Click here for full text details

Actual: 746 ft.

**ARMY AVIATION** IA LUST Α7 U003634983

Target 9650 HARRISON STREET **IA UST** N/A

DAVENPORT, IA 52804 **Property IA Financial Assurance** 

Click here for full text details

Actual: 746 ft.

Leak Status: Stopped Facility Id: 5802

**IA UST** 

Registration: 198605893 Facility Id: 6227

**IA Financial Assurance** Facility Id: 198605893

Α8 IA ARNG DAVENPORT AVIATION **FINDS** 1014701294

9650 HARRISON ST N/A

**DAVENPORT, IA 52806 Property** 

Click here for full text details

Actual: 746 ft.

**Target** 

**FINDS** 

Registry ID:: 110043624432

**FINDS** 1016056758 Α9 **IOWA ARMY NATIONAL GUARD-AASF 3 ECHO** N/A

9650 HARRISON STREET **Target** 

**Property** DAVENPORT, IA 52806

Click here for full text details

Actual: 746 ft.

Registry ID:: 110001755967

**ECHO** 

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

IOWA ARMY NATIONAL GUARD-AASF 3 (Continued)

1016056758

Registry ID: 110001755967

A10 **ARMY AVIATION SUPPORT FACILITY #3**  **IA NPDES** S122561859 N/A

**Target** 9650 HARRISON ST.

DAVENPORT, IA 52804 **Property** 

Actual:

Click here for full text details

746 ft.

A11 IA ARNG DAVENPORT AVIATION IA TIER 2 \$109946697

**Target** 9650 HARRISON ST ROAD N/A

**Property** DAVENPORT, IA 52806

Click here for full text details

Actual: 746 ft.

IA TIER 2

Facility Id: FAIDSIT2A00000865

State Id: IA

A12 **ARMY AVIATION** FINDS 1011291618

**Target** 

9650 HARRISON STREET N/A

DAVENPORT, IA 52804

**Property** 

Click here for full text details

Actual: 746 ft.

Registry ID:: 110036303149

13 **DAVENPORT MUNICIPAL AIRPORT - TANKS** IA AST A100465672

SSE 9230 HARRISON ST DAVENPORT, IA 1/8-1/4

0.145 mi. 768 ft.

Relative: Higher

**IA AST** 

Registration Number: 21421 Registration Number: 23601 Registration Number: 23602

Click here for full text details

B14 **RIVER CITIES INDUSTRIAL CENTER** IA LAST S108269998 **IA ALLSITES** N/A

200 EAST 90TH STREET East 1/4-1/2 DAVENPORT, IA

0.308 mi.

1625 ft.

Click here for full text details

Relative: Lower

**IA LAST** 

Site ID: 61

N/A

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

RIVER CITIES INDUSTRIAL CENTER (Continued)

S108269998

U003170936

Site Status Description: Closed

**IA ALLSITES** 

Site Id Number: 61 Status: Closed

B15 **CATERPILLAR TRACTOR CO - FORMER SITE OF** 

CORRACTS 1000217307 RCRA NonGen / NLR IAD049997125

**East** 200 E 90TH ST 1/4-1/2 DAVENPORT, IA 52809

0.308 mi. 1625 ft.

Click here for full text details

Relative: Lower

**CORRACTS** 

EPA ID:: IAD049997125

RCRA NonGen / NLR

EPA Id: IAD049997125

**MUNICIPAL AIRPORT** 16 SSE 9010 HARRISON ST 1/4-1/2 DAVENPORT, IA 52804 0.320 mi.

**IA UST** N/A **IA Financial Assurance** 

**IA LUST** 

1687 ft.

Click here for full text details

Relative: Higher

**IA LUST** 

Leak Status: Stopped Facility Id: 3574 Facility Id: 3575

**IA UST** 

Registration: 198607670 Facility Id: 7922

**IA Financial Assurance** 

Facility Id: 198607670

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
IA	AIRS	Minor and Title V Sources Listing	Department of Natural Resources	06/26/2018	07/31/2018	08/24/2018
IA	ALLSITES	Contaminated Sites Tracking Database	Department of Natural Resources	07/16/2018	07/18/2018	08/23/2018
IA	AST	Aboveground Storage Tank Sites	Department of Public Safety	07/31/2018	08/02/2018	08/24/2018
IA	BROWNFIELDS	Brownfields Site Listing	Department of Natural Resources	07/16/2018	07/18/2018	08/23/2018
IA	COAL ASH	Coal Ash Disposal Site Listing	Department of Natural Resources	09/04/2018	09/05/2018	10/02/2018
IA	DEL SHWS	Delisted Contaminated Sites Listing	Department of Natural Resources	12/31/2017	01/24/2018	02/23/2018
IA	DRYCLEANERS	Iowa Drycleaner List	Department of Natural Resources	07/06/2018	07/27/2018	08/24/2018
IA	Financial Assurance 1	Financial Assurance Information Listing	Department of Natural Resources	08/30/2018	09/07/2018	10/02/2018
IA	Financial Assurance 2	Financial Assurance Information Listing	Department of Natural Resources	08/29/2018	08/30/2018	10/02/2018
IΑ	INST CONTROL	Sites with Institutional Controls	Department of Natural Resources	07/16/2018	07/18/2018	08/24/2018
IA	LAST	Leaking Aboveground Storage Tank Sites	Department of Natural Resources	07/16/2018	07/18/2018	08/24/2018
IA	LIENS	Liens Filed Listing	Department of Natural Resources	07/05/2018	07/24/2018	08/24/2018
IA	LUST	Leaking Underground Storage Tank Data	Department of Natural Resources	08/30/2018	09/07/2018	10/02/2018
IA	NPDES	List of NPDES Permittees	Department of Natural Resources	08/08/2018	08/10/2018	08/24/2018
IA	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Natural Resources	00,00,=0.0	07/01/2013	01/03/2014
IA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Natural Resources		07/01/2013	12/26/2013
IA	SHWS	Registry of Hazardous Waste or Hazardous Substance Disposal	Department of Natural Resources	12/31/2017	01/24/2018	02/23/2018
IA	SPILLS	Spills Database	Department of Natural Resources	09/04/2018	09/06/2018	10/02/2018
IA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	10/17/2012	01/03/2013	03/05/2013
IA	SWF/LF	Permitted Solid Waste Management Facilities	Department of Natural Resources	09/04/2018	09/05/2018	10/02/2018
IA	TIER 2	Tier 2 Information Listing	Department of Natural Resources	12/31/2017	09/18/2018	10/02/2018
IA	UST	Underground Storage Tank Data	Department of Natural Resources	08/30/2018	09/07/2018	10/02/2018
IA	VCP	Land Recycling Program Sites	Department of Natural Resources	07/16/2018	07/18/2018	08/23/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2018	09/11/2018	09/14/2018
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2018	07/17/2018	10/05/2018
US	CORRACTS	Corrective Action Report	EPA	03/01/2018	03/28/2018	06/22/2018
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	07/17/2018	08/09/2018	09/07/2018
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2018	09/05/2018	09/14/2018
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/18/2018	06/27/2018	09/14/2018
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/07/2016	01/05/2017	04/07/2017
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
US	FINDS	Facility Index System/Facility Registry System	EPA	08/07/2018	09/05/2018	10/05/2018
	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
110	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/22/2018	08/22/2018	10/05/2018
	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/10/2018	05/18/2018	07/20/2018
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/1990	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN UST RO	Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/23/2018	05/18/2018	07/20/2018
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing  Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	07/17/2018	08/09/2018	10/05/2018
US		Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	
US	LEAD SMELTER 2 LIENS 2	CERCLA Lien Information		04/05/2001	08/09/2018	12/02/2010 10/05/2018
	LUCIS		Environmental Protection Agency			
US	MLTS	Land Use Control Information System	Department of the Navy	05/14/2018	05/18/2018	07/20/2018
US	NPL	Material Licensing Tracking System	Nuclear Regulatory Commission EPA	08/30/2016	09/08/2016	10/21/2016
US	NPL NPL LIENS	National Priority List	EPA	07/17/2018	08/09/2018	09/07/2018
US	_	Federal Superfund Liens		10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	07/17/2018	08/09/2018	09/07/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/02/2018	07/05/2018	10/05/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2018	08/22/2018	10/05/2018
US	ROD	Records Of Decision	EPA	07/17/2018	08/09/2018	10/05/2018
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	07/17/2018	08/09/2018	09/07/2018
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/17/2018	08/09/2018	09/07/2018
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/18/2018	06/20/2018	09/14/2018
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2018	06/20/2018	09/14/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	05/31/2018	06/27/2018	10/05/2018
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2018	06/20/2018	09/14/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2018	08/29/2018	10/05/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2017	06/19/2018	09/14/2018
CT NJ	CT MANIFEST NJ MANIFEST	Hazardous Waste Manifest Data Manifest Information	Department of Energy & Environmental Protecti Department of Environmental Protection	08/10/2018 12/31/2017	08/10/2018 07/13/2018	09/10/2018 08/01/2018
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	07/01/2018	08/01/2018	08/31/2018
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2017	02/23/2018	04/09/2018
WI	WI MANIFEST	Manifest Information	Department of Patural Resources	12/31/2017	06/15/2018	07/09/2018
VVI	WIWANIFEST	wannest information	Department of Natural Nesources	12/31/2017	00/13/2018	07/09/2016
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
IA	Daycare Centers	Sensitive Receptor: Child Care Facilities	Department of Human Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
IA	State Wetlands	National Wetland Inventory of Iowa	Department of Natural Resources			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		PennWell Corporation			
US	Electric Power Transmission Line D	)ata	PennWell Corporation			
			30.po.a			

St Acronym Full Name Government Agency Gov Date Arvl. Date Active Date

#### STREET AND ADDRESS INFORMATION

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# **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

DAVENPORT AASF 9650 NORTH HARRISON STREET DAVENPORT, IA 52806

## TARGET PROPERTY COORDINATES

Latitude (North): 41.61652 - 41° 36′ 59.47″ Longitude (West): 90.58158 - 90° 34′ 53.69″

Universal Tranverse Mercator: Zone 15 UTM X (Meters): 701498.5 UTM Y (Meters): 4609812.5

Elevation: 746 ft. above sea level

## **USGS TOPOGRAPHIC MAP**

Target Property Map: 5941021 DAVENPORT EAST, IA

Version Date: 2013

North Map: 5941031 ELDRIDGE, IA

Version Date: 2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

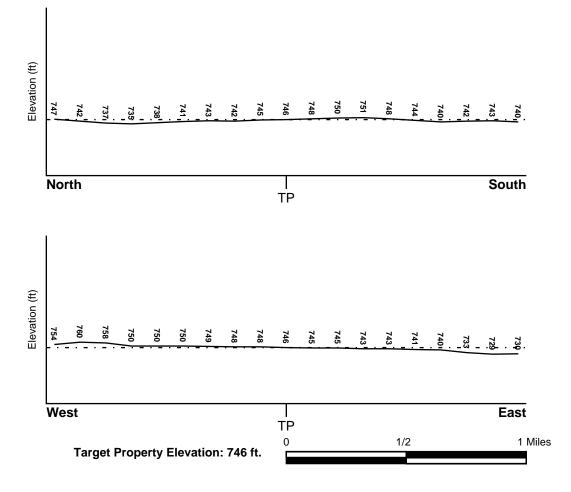
## **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### **FEMA FLOOD ZONE**

Flood Plain Panel at Target Property FEMA Source Type

19163C0355F FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

19163C0215F FEMA FIRM Flood data 19163C0360F FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

DAVENPORT EAST YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

## **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

## **GEOLOGIC AGE IDENTIFICATION**

Era: Paleozoic Category: Stratifed Sequence

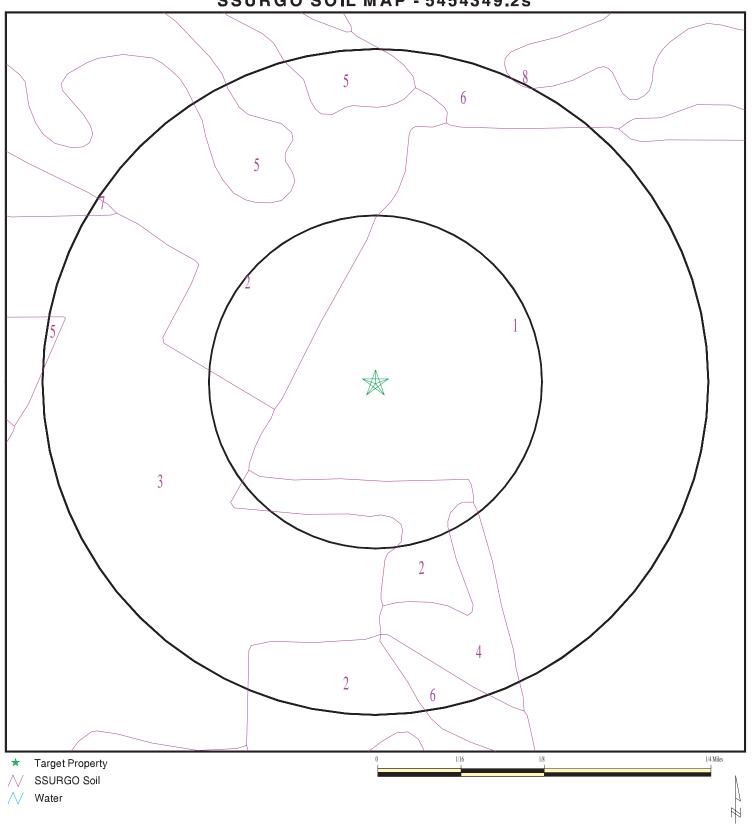
System: Silurian

Series: Middle Silurian (Niagoaran)

Code: S2 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 5454349.2s



SITE NAME: Davenport AASF 9650 North Harrison Street ADDRESS:

Davenport IA 52806 41.61652 / 90.58158 LAT/LONG:

CLIENT: AECOM CONTACT: Brittany Kirchmann

INQUIRY#: 5454349.2s

DATE: October 16, 2018 8:52 am

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:

Hydrologic Group: Not reported

Soil Drainage Class: Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Muscatine

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

	Soil Layer Information								
	Вои	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6		
2	14 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6		
3	46 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6		

## Soil Map ID: 3

Soil Component Name: Orthents, loamy

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Colo

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Bou	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6		
2	20 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6		

## Soil Map ID: 5

Soil Component Name: Garwin

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Bou	ındary		Classi	Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1	
2	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1	

Soil Map ID: 6

Soil Component Name: Tama

Soil Surface Texture: silty clay loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

Soil Map ID: 7

Soil Component Name: Tama

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Boundary Classification		Boundary		ification Saturated	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec			
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1		

	Soil Layer Information								
	Bou	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic			
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
2	18 inches	48 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1		
3	48 inches	59 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1		

Soil Map ID: 8

Soil Component Name: Killduff

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Boundary			Classification		Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1		

	Soil Layer Information							
	Вои	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
2	7 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1	
3	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1	

## **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

LOCATION

MAP ID WELL ID FROM TP

23 USGS40000314558 1/4 - 1/2 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION
WELL ID FROM TP

No PWS System Found

MAP ID

Note: PWS System location is not always the same as well location.

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

# STATE DATABASE WELL INFORMATION

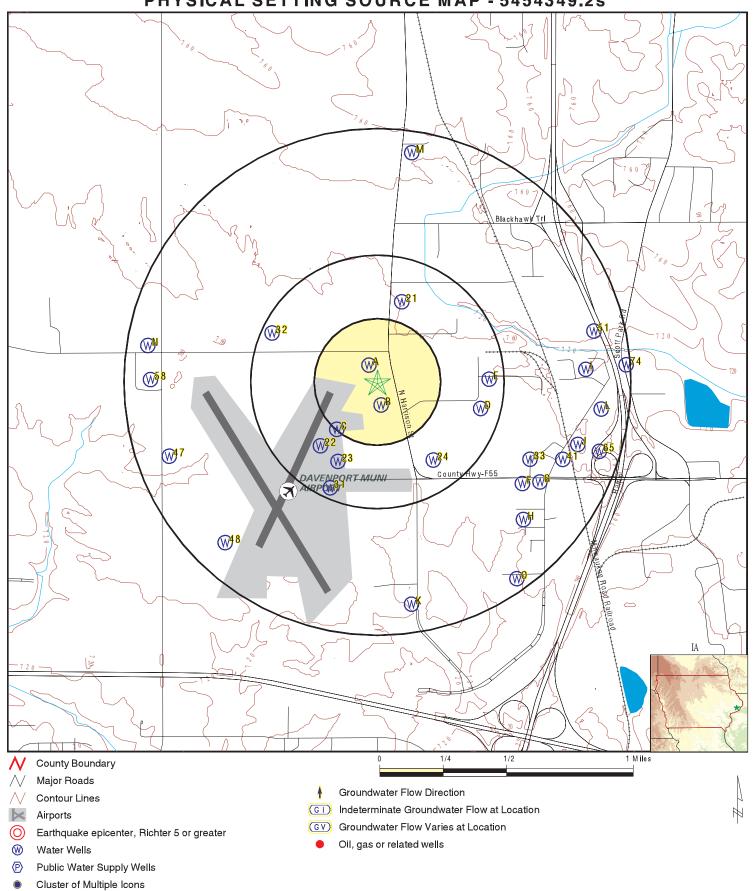
		LOCATION
MAP ID	WELL ID	FROM TP
A1	IAPU40000340622	0 - 1/8 Mile NNW
A2	IAPU40000340619	0 - 1/8 Mile NNW
A3	IAPU40000340621	0 - 1/8 Mile NNW
A4	IAPU40000340618	0 - 1/8 Mile NNW
A5	IAPU40000340609	0 - 1/8 Mile NNW
B6	IAPU40000180457	0 - 1/8 Mile South
B7	IAPW40000022857	0 - 1/8 Mile South
C8	IAPU40000340611	1/8 - 1/4 Mile SW
C9	IAPU40000340612	1/8 - 1/4 Mile SW
C10	IAPU40000340616	1/8 - 1/4 Mile SW
C11	IAPU40000340606	1/8 - 1/4 Mile SW
C12	IAPU40000340615	1/8 - 1/4 Mile SW
C13	IAPU40000340607	1/8 - 1/4 Mile SW
C14	IAPU40000340605	1/8 - 1/4 Mile SW
C15	IAPU40000340613	1/8 - 1/4 Mile SW
C16	IAPU40000340614	1/8 - 1/4 Mile SW
C17	IAPU40000340617	1/8 - 1/4 Mile SW
C18	IAPU40000340601	1/4 - 1/2 Mile SW
C19	IAPU40000340603	1/4 - 1/2 Mile SW
C20	IAPU40000340608	1/4 - 1/2 Mile SW
21	IAPU40000340623	1/4 - 1/2 Mile NNE
22	IAPU40000348878	1/4 - 1/2 Mile SW
24	IAPU40000340671	1/4 - 1/2 Mile SE
D25	IAUS3000003466	1/4 - 1/2 Mile ESE
D26	IAPU40000353292	1/4 - 1/2 Mile ESE
D27	IAPU4000076880	1/4 - 1/2 Mile ESE
E28	IAUS30000005451	1/4 - 1/2 Mile East
E29	IAPU4000076877	1/4 - 1/2 Mile East
E30	IAPU40000353290	1/4 - 1/2 Mile East
31	IAPU4000066196	1/4 - 1/2 Mile SSW
32	IAPU4000340564	1/4 - 1/2 Mile WNW
33	IAPU40000340705	1/2 - 1 Mile ESE
F34	IAPW4000091252	1/2 - 1 Mile SE
F35	IAPU40000180630	1/2 - 1 Mile SE
F36	IAPW4000027096	1/2 - 1 Mile SE
G37	IAPW4000026835 IAPU4000180650	1/2 - 1 Mile ESE
G38	IAPW40000180650	1/2 - 1 Mile ESE 1/2 - 1 Mile SE
H39		
H40	IAPU40000180645	1/2 - 1 Mile SE
41	IAPU40000340729	1/2 - 1 Mile ESE
H42	IAPU40000180667	1/2 - 1 Mile SE
143	IAPW4000083097	1/2 - 1 Mile East
144	IAPU40000189861	1/2 - 1 Mile East
J45	IAPU40000348938	1/2 - 1 Mile ESE
J46	IAPU40000348939	1/2 - 1 Mile ESE
47	IAPU4000066021	1/2 - 1 Mile WSW
48	IAPU40000348870	1/2 - 1 Mile SW
K49	IAPU4000348917	1/2 - 1 Mile South
K50	IAPU4000066303	1/2 - 1 Mile South
51	IAPU40000344892	1/2 - 1 Mile ENE
L52	IAPW4000037890	1/2 - 1 Mile East
K53	IAPW4000046918	1/2 - 1 Mile South

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

# STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M54	IAPW40000098147	1/2 - 1 Mile North
M55	IAPU40000180334	1/2 - 1 Mile North
L56	IAPW4000070544	1/2 - 1 Mile East
L57	IAPU40000189863	1/2 - 1 Mile East
58	IAPU40000180167	1/2 - 1 Mile West
M59	IAPW4000098146	1/2 - 1 Mile North
M60	IAPU40000180350	1/2 - 1 Mile North
K61	IAPW4000027899	1/2 - 1 Mile SSE
M62	IAPW4000098148	1/2 - 1 Mile North
M63	IAPU40000180331	1/2 - 1 Mile North
N64	IAPW4000028837	1/2 - 1 Mile West
65	IAPU40000180706	1/2 - 1 Mile ESE
N66	IAPU40000180145	1/2 - 1 Mile West
N67	IAPW4000041367	1/2 - 1 Mile West
M68	IAPW4000075808	1/2 - 1 Mile North
M69	IAPU40000180338	1/2 - 1 Mile North
M70	IAPW4000075807	1/2 - 1 Mile North
M71	IAPU40000180330	1/2 - 1 Mile North
072	IAPU40000180682	1/2 - 1 Mile SE
O73	IAPW4000059934	1/2 - 1 Mile SE
74	IAPU40000211804	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 5454349.2s



SITE NAME: Davenport AASF ADDRESS: 9650 North Harrison Street

LAT/LONG:

Davenport IA 52806

41.61652 / 90.58158

CLIENT: AECOM CONTACT: Brittany Kirchmann INQUIRY #: 5454349.2s

DATE: October 16, 2018 8:52 am

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 NNW 0 - 1/8 Mile Lower	Click here for full text details	IA WELLS	IAPU40000340622
A2 NNW 0 - 1/8 Mile Lower	Click here for full text details	IA WELLS	IAPU40000340619
A3 NNW 0 - 1/8 Mile Lower	Click here for full text details	IA WELLS	IAPU40000340621
A4 NNW 0 - 1/8 Mile Lower	Click here for full text details	IA WELLS	IAPU40000340618
A5 NNW 0 - 1/8 Mile Higher	Click here for full text details	IA WELLS	IAPU40000340609
B6 South 0 - 1/8 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180457
B7 South 0 - 1/8 Mile Higher	Click here for full text details	IA WELLS	IAPW40000022857
C8 SW 1/8 - 1/4 Mile Higher	Click here for full text details	IA WELLS	IAPU40000340611
C9 SW 1/8 - 1/4 Mile Higher	Click here for full text details	IA WELLS	IAPU40000340612

Map ID Direction Distance Elevation	Database	EDR ID Number
C10 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340616
C11 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340606
C12 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340615
C13 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340607
C14 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340605
C15 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340613
C16 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340614
C17 SW Click here for full text details 1/8 - 1/4 Mile Higher	IA WELLS	IAPU40000340617
C18 SW Click here for full text details 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000340601

Map ID Direction Distance Elevation	Database	EDR ID Number
C19 SW Click here for full text details 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000340603
C20 SW Click here for full text details 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000340608
21 NNE Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAPU40000340623
22 SW <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000348878
23 SSW Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40000314558
24 SE Click here for full text details 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000340671
D25 ESE Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAUS30000003466
D26 ESE Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAPU40000353292
D27 ESE Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAPU4000076880

Map ID Direction Distance Elevation	Database	EDR ID Number
E28 East Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAUS30000005451
E29 East Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAPU40000076877
E30 East Click here for full text details 1/4 - 1/2 Mile Lower	IA WELLS	IAPU40000353290
31 SSW <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000066196
32 WNW Click here for full text details 1/4 - 1/2 Mile Higher	IA WELLS	IAPU40000340564
33 ESE Click here for full text details 1/2 - 1 Mile Higher	IA WELLS	IAPU40000340705
F34 SE Click here for full text details 1/2 - 1 Mile Higher	IA WELLS	IAPW4000091252
F35 SE Click here for full text details 1/2 - 1 Mile Higher	IA WELLS	IAPU40000180630
F36 SE Click here for full text details 1/2 - 1 Mile Higher	IA WELLS	IAPW4000027096

Map ID Direction Distance Elevation		Database	EDR ID Number
G37 ESE 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPW4000026835
G38 ESE 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180650
H39 SE 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPW40000022052
H40 SE 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180645
41 ESE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000340729
H42 SE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000180667
I43 East 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000083097
I44 East 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000189861
J45 ESE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000348938

Map ID Direction Distance Elevation		Database	EDR ID Number
J46 ESE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000348939
47 WSW 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU4000066021
48 SW 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000348870
K49 South 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000348917
K50 South 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU4000066303
51 ENE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000344892
L52 East 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000037890
K53 South 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000046918
M54 North 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000098147

Map ID Direction Distance Elevation		Database	EDR ID Number
M55 North 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000180334
L56 East 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000070544
L57 East 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000189863
58 West 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180167
M59 North 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000098146
M60 North 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000180350
K61 SSE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW40000027899
M62 North 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW40000098148
M63 North 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000180331

Map ID Direction Distance Elevation		Database	EDR ID Number
N64 West 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPW4000028837
65 ESE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000180706
N66 West 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180145
N67 West 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPW40000041367
M68 North 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPW4000075808
M69 North 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180338
M70 North 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPW40000075807
M71 North 1/2 - 1 Mile Higher	Click here for full text details	IA WELLS	IAPU40000180330
O72 SE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000180682

Map ID Direction Distance Elevation		Database	EDR ID Number
O73 SE 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPW4000059934
74 East 1/2 - 1 Mile Lower	Click here for full text details	IA WELLS	IAPU40000211804

## AREA RADON INFORMATION

State Database: IA Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average
	<del></del>			
52806	259	0.2	115.5	4.8

Federal EPA Radon Zone for SCOTT County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 52806

Number of sites tested: 7

% <4 pCi/L Area Average Activity % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor Not Reported Not Reported Not Reported Not Reported Not Reported Living Area - 2nd Floor Not Reported Not Reported Not Reported 8.743 pCi/L 14% Basement 29% 57%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Iowa

Source: Department of Natural Resources

Telephone: 319-335-1575

## HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

All Known Water Wells in the State of Iowa Source: Department of Natural Resources

Telephone: 319-335-1353

Well types included are agricultural drainage, permitted private, public, registered abandoned, SDWIS public, water use permit sites, wells registered for testing.

#### Agricultural Drainage Wells

Source: Department of Natural Resources

Telephone: 515-281-5029

Agricultural drainage wells are required to be registered both with the Iowa Department of Natural Resources as a part of the 1987 Groundwater Protection Act, and with the U.S. Environmental Protection Agency as a part of the Underground Injection Control Program.

Private Well Tracking System Wells

Source: Department of Natural Resources

Telephone: 319-335-1353

#### Water Use Permits

Source: Department of Natural Resources

Telephone: 515-725-0336

Wells under Water Use permits. A water use permit is required of any person or entity that withdraws or diverts at least 25,000 gallons of water in a 24-hour period during any calendar year.

#### Private Wells Tested

Source: Department of Natural Resources

Telephone: 515-335-1353

This is a point coverage for private wells which have been tested for bacteria and nitrate contamination under the Grants to Counties program.

## OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Natural Resources

Oil and gas well locations.

## RADON

State Database: IA Radon

Source: Department of Public Health

Telephone: 515-281-4340 Radon Test Results

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

## STREET AND ADDRESS INFORMATION

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# Appendix B Preliminary Assessment Documentation

# **Appendix B.1 Interview Records**

### **PA Interview Questionnaire - Other**

Facility: Davenport AASF Interviewer: Date/Time: 8/23/2018, 08:00

Fuel Spill Washing and Fueling Stations

Interviewee: Kent Brix	Can your name/role be used in the P	A Report? Y or N
Title: Command Sergeant Major (CSM)	Can you recommend anyone we can	interview?
Phone Number: 563-391-3635	Y or N Layne Mart	
Email: contact through Mr. Wendzel		
Roles or activities with the Facility/Years wor	king at the Facility:	
	•	
CSM has been with the Davenport AASF si (AASF) provides multiple unit support in heavy located on Davenport Airport property that is lea AASF was located south of the current AASF in 1974	lifts. The current Davenport AASF was sed to Iowa Army National Guard (IA	as built in 1974 and is ARNG). The former
The Davenport AASF is surrounded by several in (King's Material Inc.), a car lot and warehouses Blade Yard) to the east. The Davenport Blade Yard John Deere (Quad-City Consolidation and Distri Consolidation and Distribution center caught on and extinguished the fire with water. No aqueous IAARNG was on standby and did not respond.	to the southeast, and a windmill storage and was previously a Caterpillar plant bution). On February 20, 2001, the Qufire. The Davenport Fire Department	ge area (Davenport and a storage area for lad-City responded to the fire
<b>PFAS Use:</b> Identify accidental/intentional release storage container size (maintenance, fire training builts), fueling stations, crash sites, pest manager waterproofing). How are materials ordered/purch	, firefighting, buildings with suppressment, recreational, dining facilities, m	ion systems (as
CSM indicated two TriMax-3, two TriMax-		Known Uses
extinguishers are present at the Davenport AASI to refill the TriMax fire extinguishers using a fur		Use
spills have occurred. During the site visit, one 5-	gallon container of 3% AR-AFFF	Procurement
was observed at the Davenport AASF. Dry chembase) are stored on the ramp for fire-fighting, and	•	Disposition
suppression system. Potential PFAS release ever		Storage (Mixed)
every five years when all of the TriMax fire exting for hydrostatic testing. The emptying of the fire of		Storage (Solution)
occurred at the wash rack on the ramp. The wash		Inventory, Off-Spec
sewer; however, Davenport AASF was served by also indicated that a fire truck equipped with		Containment
previously present at the facility. The truck was to	•	SOP on Filling
airport for training and nozzle testing. The truck wash rack following training exercises. No information of the control of th		Leaking Vehicles
approximate year training started; however, train		Nozzle and Suppression
truck was returned to Camp Dodge. In addition,		System Testing
amount or type of AFFF used during training; he approximately 1200 gallons. Currently, the City		Dining Facilities
services for the Davenport AASF. The Davenport		Vehicle Washing
responded to an emergency at the Davenport AA emergency events have occurred near the Daven	SF. However, a couple of notable	Ramp Washing
i emergency events have occurred near the traver		

AV-8B Harrier II leaving the Davenport airshow crashed on take-off in a field in the

### PA Interview Questionnaire - Other

Facility: Davenport AASF Interviewer: Date/Time: 8/23/2018, 08:00

northeast quadrant of Slopertown Rd and 155<sup>th</sup> Avenue. IAARNG and the Davenport Fire Department responded to the crash. The IAARNG dispensed an unknown amount of AFFF. On September 1, 2012, an L-39C single engine turbo jet crashed in a field north of I-80 and west of 155<sup>th</sup> Avenue (Division Street), approximately 1 ½ miles southwest of the Davenport AASF during a maneuver for the Quad-City Air Show. The Davenport Fire Department responded to the fire. No information was available regarding the use of AFFF to extinguish the fire. On June 30, 2018, a car running from police crashed into a fuel tank at the Davenport airport. The car caught on fire, but the fuel tank did not. The Davenport Fire Department responded to the fire. No information was available regarding the use of AFFF to extinguish the fire.

Chrome Plating or Waterproofing

# Appendix B.2 Visual Site Inspection Checklists

Names(s) of people pe	erforming VSI: Jady Harrington, Jennifer Zorinsky
	Recorded by: dennifer Zorinsky
A	RNG Contact: Curis Madsen
I	<b>Date and Time:</b> 8/23/2018; 10:00
Method of visit (walking, driv	ring, adjacent): walking
Source/Release Information	
Site Name / Area Name / Unique ID:	Davenport Army Aviation Support Facility (AASF)
Site / Area Acreage:	18 acres
Historic Site Use (Brief Description):	Davenport AASF was dedicated in 1980 and is located on Davenport Airport property that is leased to Iowa Army National Guard (IAARNG). The former AASF was built in 1973 or 1974 and was located closer to the airport.
<b>Current Site Use (Brief Description):</b>	The Davenport AASF provides multiple unit support in heavy lifts.
Physical barriers or access restrictions:	Access to the area is restricted to AASF personnel.
1. Was PFAS used (or spilled) at the site/area	$\frac{\mathbf{Y}/\mathbf{N}}{\mathbf{N}}$
` • • /	ow PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
TriMax aqueous film	e events have occurred approximately every five years since 1980 when all of the forming foam (AFFF) fire extinguishers are emptied and turned in for hydrostatic of the fire extinguishers has historically occurred at the wash rack on the ramp.
2. Has usage been documented?	Y_/ <u>N</u>
	rd (place electronic files on a disk): able. Potential releases were recalled by CSM Brix.
records are not availed	iole. I stelling releases were recalled by Colvi Brix.
	nesses are located near the site
	the north; car lot and warehouses to the southeast, windmill storage to the east;  Airport to the west and south
4. Is this site located at an airport/flightline?  4a. If yes, provide a de Davenport Municipal	escription of the airport/flightline tenants:  Airport

Other Significant S	ite Features:
1. Does the facility h	have a fire suppression system? $Y / \underline{N}$
	1a. If yes, indicate which type of AFFF has been used:
	N/A
	1b. If yes, describe maintenance schedule/leaks:
	N/A
	1. If you have often in the AFFE replaced:
	1c. If yes, how often is the AFFF replaced:  N/A
	IVA
	1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
	N/A
Transport / Path	way Information
Migration Potentia	
	inage flow off installation? Y/N
1. Does site/area dra	
	1a. If so, note observation and location:
2. Is there channelize	ed flow within the site/area? Y / N
	2a. If so, please note observation and location:
3. Are monitoring or	drinking water wells located near the site? $\underline{\underline{Y}}/N$
	3a. If so, please note the location:
	Municipal/Commercial Public Water Supply well located 1000 feet southwest of the facility
4. Are surface water	intakes located near the site? $Y / \underline{N}$
	4a. If so, please note the location:
5 Can wind dispersi	on information be obtained? $\underline{\underline{\mathbf{Y}}}/\mathbf{N}$
5. Can wind dispersi	5a. If so, please note and observe the location.
	Davenport Municipal Airport
	Davenport Municipal Airport
6. Does an adjacent	non-ARNG PFAS source exist? Y/N
	6a. If so, please note the source and location.
	Former AASF south of facility; fixed wing aircraft crash northwest of facility; fixed wing aircraft southwest of
	facility; car crash and fire south of the facility at the Davenport Municipal airport
	6h Will off site reconneissance be conducted? V/N

Significant Topograp	ohical Features:		
1. Has the infrastructu	are changed at the site/area? $\underline{\underline{Y}}/N$		
	1a. If so, please describe change (ex. Structures no longer exist):		
	Septic system was replaced in the early 2000s		
2 Is the site/area wasa	etated? Y/N		
2. Is the site/area vege			
	2a. If not vegetated, briefly describe the site/area composition: vegetated except for ramp and parking areas		
	vegetated except for famp and parking areas		
3. Does the site or area	a exhibit evidence of erosion? Y / N		
	3a. If yes, describe the location and extent of the erosion:		
4 D 41 14 /		VIN	<u> </u>
4. Does the site/area e	exhibit any areas of ponding or standing water?	Y / <u>N</u>	
	4a. If yes, describe the location and extent of the ponding:		
D . I C			
Receptor Informa			
1. Is access to the site			
	1a. If so, please note to what extent:		
	The facility has controlled access		
	Site Workers / Construction Workers /	Trespassers /	Residential / Recreational
2. Who can access the	·		
	2a. Circle all that apply, note any not covered above:		
	<del></del>		<u> </u>
3. Are residential area	s located near the site?	<u>Y</u> /N	
	3a. If so, please note the location/distance:		
	one mile to the east		
4 Are any schools/day	y care centers located near the site?	<u>Y</u> / N	
The any sensons au	4a. If so, please note the location/distance/type:		ı
	school and daycare approximately 2 miles southwest of facility		
5. Are any wetlands lo	ocated near the site?	<u>Y</u> / N	
	5a. If so, please note the location/distance/type:		
	freshwater emergent wetland 0.25 miles to the west; riparian wet	lands associat	ed with crow creek to the
	northeast, and goose creek to the west		

Additional Notes			

### Photographic Log

Photo ID/Name	Date & Location	Photograph Description
Photograph No. 1	8/23/2018 Davenport AASF	Looking east. Wash rack.
Photograph No. 2	8/23/2018 Davenport AASF	TriMax-3 AFFF fire extinguisher.
Photograph No. 3	8/23/2018 Davenport AASF	TriMax-30 AFFF fire extinguisher.
Photograph No. 4	8/23/2018 Davenport AASF	TriMax-60 AFFF fire extinguisher.
Photograph No. 5	8/23/2018 Davenport AASF	Non-AFFF fire extinguisher.
Photograph No. 6	8/23/2018 Davenport AASF	5-gallon bucket of 3% alcohol resistant AFFF.

# Appendix B.3 Conceptual Site Model Information

### **Preliminary Assessment – Conceptual Site Model Information**

Site Name: Davenport Army Aviation Support Facility (AASF)

### Why has this location been identified as a site?

Interview indicated aqueous film forming foam (AFFF) emptied into wash rack at facility and fire truck previously washed at wash rack following training exercises.

### Are there any other activities nearby that could also impact this location?

*Yes* – *two nearby aircraft crashes and one nearby car crash fire.* 

### **Training Events**

Have any training events with AFFF occurred at this site? AFFF fire extinguishers emptied at wash rack

If so, how often? Every five years

How much material was used? Is it documented? *Not documented; however, all TriMax fire extinguishers were emptied.* 

**Identify Potential Pathways:** Do we have enough information to fully understand over land surface water flow, groundwater flow, and geological formations on and around the facility? Any direct pathways to larger water bodies?

### **Surface Water:**

Surface water flow direction? To the east toward Crow Creek and to the south toward Goose Creek

Average rainfall? 36 inches

Any flooding during rainy season? *No* 

Direct or indirect pathway to ditches? No

Direct or indirect pathway to larger bodies of water? *No* 

Does surface water pond any place on site? No

Any impoundment areas or retention ponds? No

Any NPDES location points near the site? Yes

How does surface water drain on and around the flight line?

Drainages have been diverted around the AASF and Davenport Municipal Airport

# **Preliminary Assessment – Conceptual Site Model Information**

Groundwater:
Groundwater flow direction? Southeast
Depth to groundwater? 10 to 50 feet
Uses (agricultural, drinking water, irrigation)? unknown
Any groundwater treatment systems? No Any groundwater monitoring well locations near the site? Yes, municipal/commercial public water supply well located 1000 feet southwest of the facility
Is groundwater used for drinking water? No
Are there drinking water supply wells on installation? No
Do they serve off-post populations? <i>No</i>
Are there off-post drinking water wells downgradient? Yes
Waste Water Treatment Plant:
Has the installation ever had a WWTP, past or present? <i>No</i>
If so, do we understand the process and which water is/was treated at the plant? <i>N/A</i>
Do we understand the fate of sludge waste? <i>N/A</i>
Is surface water from potential contaminated sites treated? N/A
Equipment Rinse Water
1. Is firefighting equipment washed? Where does the rinse water go? Not currently – fire fighting services are provided by the City of Davenport. Historically, a fire truck was housed at the current AASF which was washed at the wash rack following off-facility training exercises.
2. Are nozzles tested? How often are nozzles tested? Where are nozzles tested? Are nozzles cleaned after use? Where does the rinse water flow after cleaning nozzles?  N/A
11//1
3. Other? <i>N/A</i>

## **Preliminary Assessment – Conceptual Site Model Information**

**Identify Potential Receptors:** 

# Site Worker: Yes Construction Worker: Yes Recreational User: No Residential: No Child: No Ecological: Yes Note what is located near by the site (e.g. daycare, schools, hospitals, churches, agricultural, livestock)? Davenport Municipal Airport, concrete business, windmill storage, car lot and warehouses Documentation Ask for Engineering drawings (if applicable). Has there been a reconstruction or changes to the drainage system? When did that occur? Prior to the early 2000s, the Davenport AASF was served by a septic system.

Appendix C
Photographic Log

APPENDIX C – Photographic Log	APPENDIX C -	<ul> <li>Photographic I</li> </ul>	Log
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Army National Guard, Preliminary
Assessment for PFAS

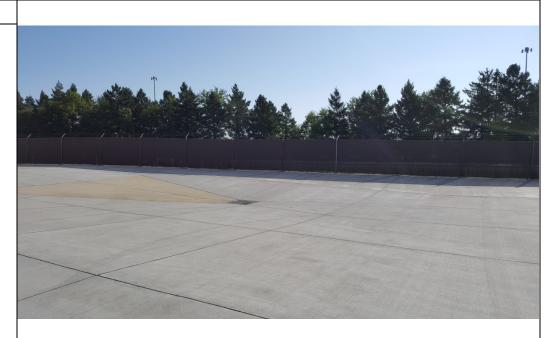
Davenport AASF

Davenport, Iowa

# Photograph No. 1

### **Description:**

Looking east. Wash rack.



### Photograph No. 2

### **Description:**

TriMax-3 aqueous film forming foam (AFFF) fire extinguisher.



# APPENDIX C – Photographic Log

Army National Guard, Preliminary
Assessment for PFAS

Davenport AASF

Davenport, Iowa

### Photograph No. 3

### **Description:**

TriMax-30 AFFF fire extinguisher.



### Photograph No. 4

### **Description:**

TriMax-60 AFFF fire extinguisher.



Army National Guard, Preliminary Assessment for PFAS	Davenport AASF	Davenport, Iowa
Photograph No. 5		A
Description:		
Non-AFFF fire extinguisher.	PISTRUCIONS US PRODUING US PRO	
Photograph No. 6		
Description:		
5-gallon bucket of 3% alcohol resistant AFFF.	ULTRA 30/6 ARAFF  Inguistra Statement of Laurent  10/4 Garban of Laurent  10/4	