# FINAL Preliminary Assessment Report Winder Barrow AASF, Winder, Georgia

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

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#### Prepared for:



Army National Guard Headquarters 111 S. George Mason Drive Arlington, VA 22204



U.S. Army Corps of Engineers, Baltimore District 2 Hopkins Plaza Baltimore, MD 21201

#### Prepared by:

AECOM 12420 Milestone Center Drive, Suite 150 Germantown, MD 20876 aecom.com

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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

GA Georgia

GAARNG Georgia Army National Guard

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 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 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.

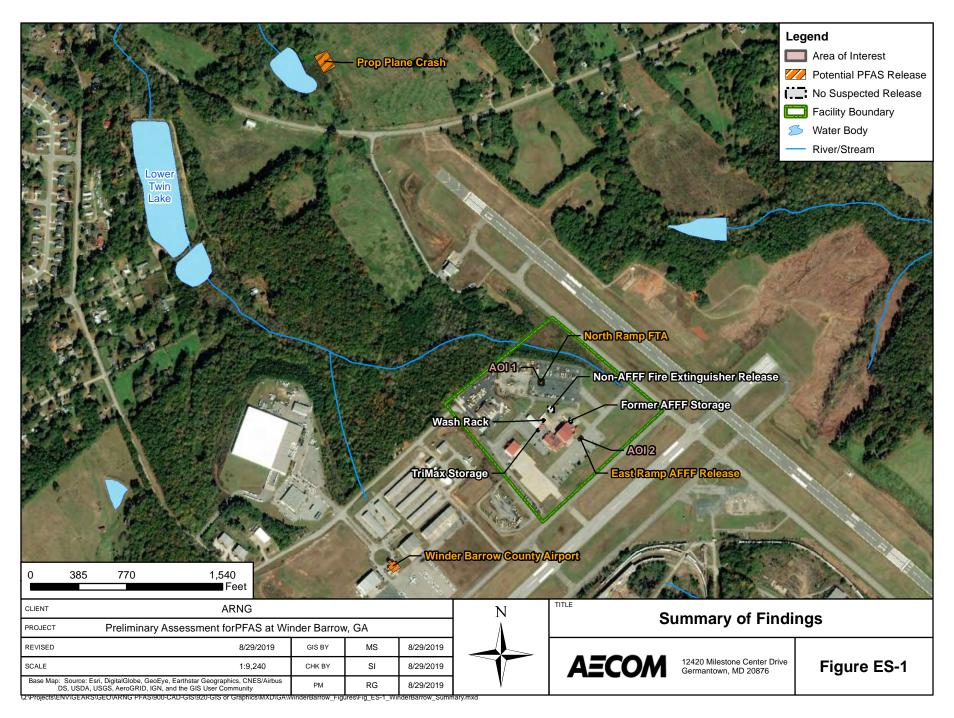
AECOM completed a PA for PFAS at the current Army Aviation Support Facility (AASF) in Winder, Georgia, to assess potential PFAS release areas and exposure pathways to receptors. The current AASF is constructed on a 32.9-acre parcel of land owned by the Georgia Army National Guard (GAARNG) since 1967. The performance of this PA included the following tasks:

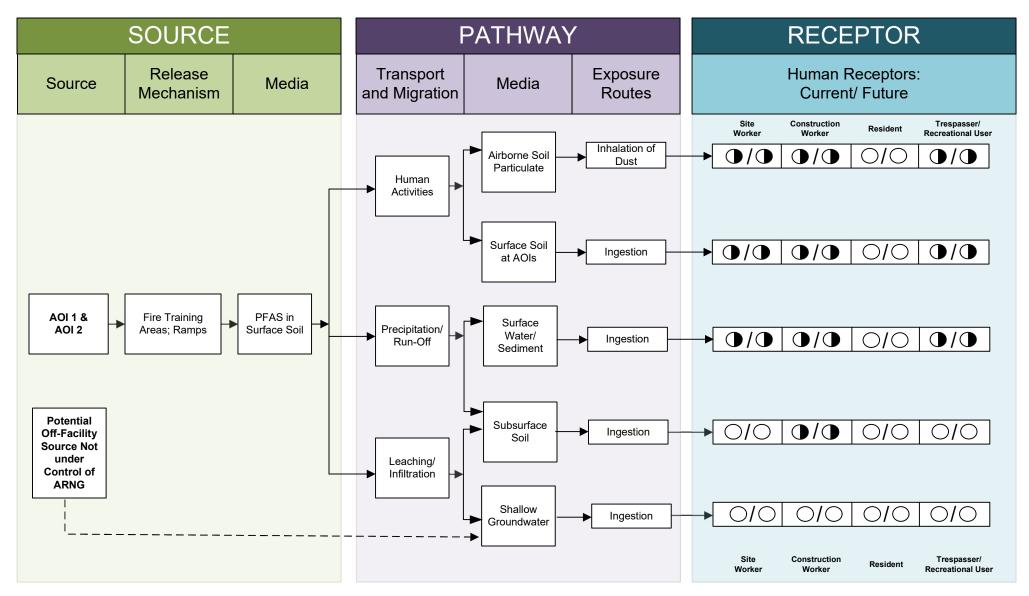
- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a site visit on 20 February 2019
- Interviewed current and retired GAARNG AASF personnel during the site visit
- Completed visual site inspections at known or suspected PFAS release locations and documented 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

Two Area(s) of Interest (AOIs) related to a potential PFAS releases were identified at the Winder Barrow AASF during the PA. The AOIs are shown on **Figure ES-1** and described below:

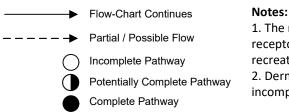
Area of Interest	Name	Used by	Potential Release Date
AOI 1	North Ramp Fire Training Area	GAARNG	Prior to 2004
AOI 2	East Ramp	GAARNG	Prior to 2004

Based on potential PFAS releases at these AOIs, there is potential for exposure to PFAS contamination in surface soil to site workers, construction workers, and trespassers via ingestion and inhalation of dust; surface water and sediment to site workers, construction workers, trespassers, and off-facility recreational users via ingestion; subsurface soil to construction workers via ingestion. Potential off-facility PFAS release areas exist adjacent to the current Winder Barrow 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 Winder Barrow AASF. The CSM for the AASF is shown on **Figure ES-2**.





#### **LEGEND**



Flow-Chart Stops

- 1. The resident and recreational user receptors refer to an off-site resident and recreational user.
- 2. Dermal contact exposure pathway is incomplete for PFAS.

Figure ES-2 Preliminary Conceptual Site Model Winder Barrow 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 Georgia does not currently have drinking water, groundwater, or soil standards for PFAS.

This report presents the findings of a PA for PFAS at the current Army Aviation Support Facility (AASF) in Winder, Georgia, 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 a 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 20 February 2019
- Interviewed current and retired Georgia Army National Guard (GAARNG) 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 (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 (**Figure 1-1**) is located in Barrow County, Winder, Georgia, adjacent to the Winder Barrow County Airport. The AASF is north of Atlanta Highway, west of Bowman Mill Road, south of Highway 82, and east of Picklesimon Road. The communities of Bethlehem, Winder, Statham, Bogart, Auburn, and Dacula, Georgia lie within 15 miles of the current AASF. The AASF is constructed on a 32.9-acre parcel of land owned by the GAARNG since 1967. The AASF currently contains several buildings, two hangars, and three ramp areas. There is no fire suppression system at Winder Barrow AASF.

# 1.5 Facility Environmental Setting

Winder is in the Piedmont physiographic province, a region characterized by narrow valleys, occasional isolated mountains, and rolling hills with modest relief which form the foothills of the Blue Ridge Mountains. The boundary of the Piedmont on the southern margin is the fall line, which separates the Piedmont from the low-lying Coastal Plains and represents the extent of the Mesozoic Atlantic Ocean. The elevation of the facility is approximately 925 feet above mean sea level. The elevation in the area decreases to the southeast toward the Atlantic Ocean (Golley, 2017).

#### 1.5.1 Geology

The AASF is situated on red Piedmont soils derived from the weathering of the underlying feldspar-rich igneous rocks such as granitic gneiss, and metamorphic rocks, such as biotitic gneiss, mica schist, and amphibolite rocks (**Figure 1-2**). Mineral resources of this region include hard crushed stone, soapstone, and granite. The Piedmont is topographically composed of rolling hills, with ridges and isolated granitic plutons that rise above the landscape of the region (University of Georgia, Department of Geology, 2015).

#### 1.5.2 Hydrogeology

The AASF is within the boundaries of the Piedmont and Blue Ridge aquifers, both consisting of unconsolidated material called regolith overlying the bedrock. The crystalline bedrock formed under intense heat and pressure, and therefore has few primary pore spaces and very low permeability. However, large amounts of water do permeate through fractures in the bedrock and through the regolith (University of Georgia Institute of Ecology, 2002). Wells tapping the Piedmont and Blue Ridge crystalline-rock aquifers are typically 150 to 700 feet below ground surface. The Piedmont and Blue Ridge aquifers are used extensively as sources for private wells and public water supply in the southeast region of the United States (USGS, 2017). Groundwater flow at the facility is inferred to be generally to the northwest toward the Lower Twin Lake (**Figure 1-2**).

No potable water wells are located within the AASF; however, wells exist within one mile (**Figure 1-2**). Drinking water for the AASF is supplied by the City of Winder Water Works, which sources the drinking water from the Mulberry River at the Laurel Lane and Water Plant Reservoirs (City of Winder Water Works, 2019). Based on the USEPA Unregulated Contaminant Monitoring Rule 3 data, it was indicated that no PFAS was detected in a public water system above the USEPA Health Advisory Level within 20 miles of the facility.

#### 1.5.3 Hydrology

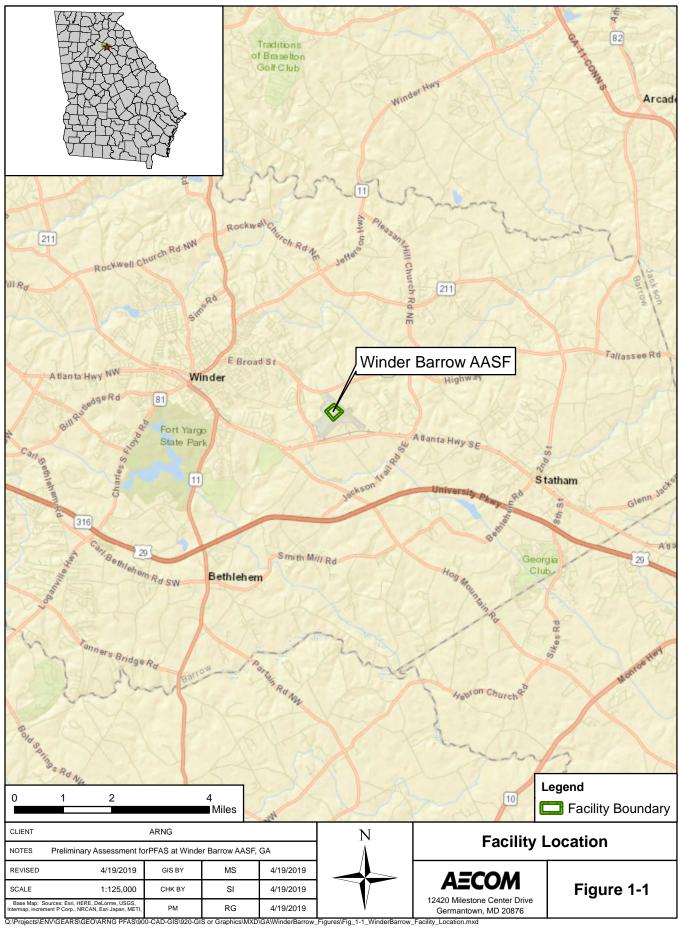
The AASF is in the Upper Oconee River Basin, more specifically in the Middle Oconee River tributary region and in the Beech Creek watershed (**Figure 1-3**). Regional surface water features include Lower Twin Lake, Barber Creek, Rocky Creek, and other small unnamed lakes and tributaries. Canals within the AASF boundary lead to the Lower Twin Lake to the northwest. Canals that are located northeast of the AASF drain to the Rocky Creek (Metropolitan North Georgia Water Planning District, 2016).

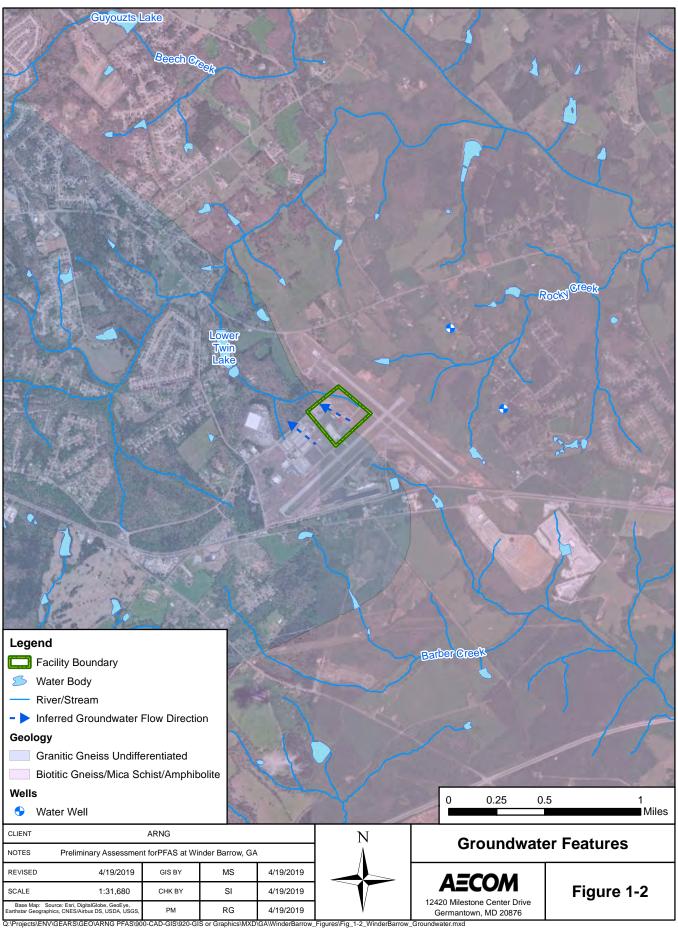
#### 1.5.4 Climate

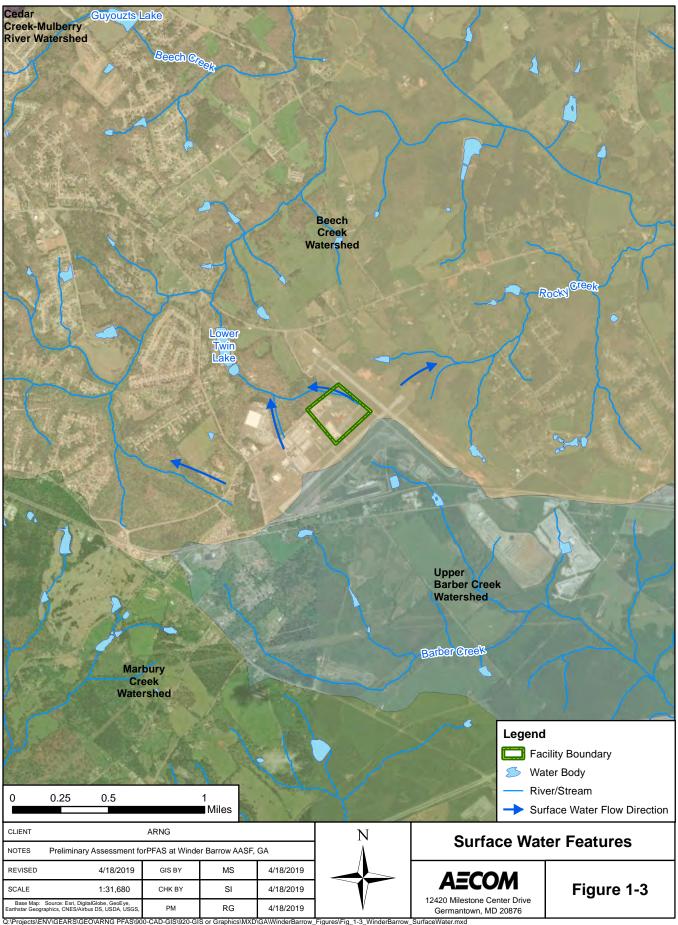
The subtropical climate at the AASF is characterized as short and mild winters, with hot and humid summers, and a long spring season. The average temperature is 59.65 degrees Fahrenheit (°F). Seasonally, temperatures vary from summer highs of 71.5 °F to winter lows of 47.8 °F. Average precipitation is 53.15 inches (World Climate, 2019).

#### 1.5.5 Current and Future Land Use

The AASF is a controlled access facility and is adjacent to the Winder Barrow County Airport. The Winder Barrow County Airport is owned and operated by the City of Winder and provides commercial and general air service to the Winder area and northeast Georgia. Reasonably anticipated future land use is not expected to change from the current land use.







# 2. Fire Training Areas

Two FTAs were identified within the current AASF facility during the PA through interviews. These FTAs are described below and shown in **Figure 2-1**.

# 2.1 North Ramp Fire Training Area

The City of Atlanta Fire Department visited the facility for a fire training course on the north ramp (**Figure 2-1**). During the training, a 55-gallon drum was ignited and AFFF may have been dispensed from a firetruck to douse the fire. No information was available regarding concentration or volume of AFFF potentially released during the training event. This potential release occurred prior to 2004.

# 2.2 Non-AFFF Fire Extinguisher Release

A fire training event with ABC or Purple K fire extinguishers that may have taken place in the grassy area north of Hangar 2 (**Figure 2-1**). No information was available regarding the numbers of extinguishers used during the training event and the date of training is unknown.



# 3. Non-Fire Training Areas

Three non-FTAs where AFFF was stored and/or potentially released were identified during the PA. A description of each non-FTA is presented below and shown on **Figure 3-1**.

#### 3.1 The East Ramp AFFF Release

During an elementary school field trip fire truck demonstration, there was an unintentional release of AFFF from the crash rescue firetruck. The AFFF release occurred on the ramp, directly east of Hangar 2. No information was available regarding concentration or volume of AFFF released. Following the release, the truck was washed at the wash rack. There was no information regarding whether the truck hose lines were flushed following the release. The potential release occurred prior to 2004 (**Figure 3-1**).

# 3.2 TriMax Storage

The AASF currently houses twelve, 30-gallon TriMax fire extinguishers in storage at the facility. The TriMax fire extinguishers are awaiting transport to an off-site repair facility. The TriMax fire extinguishers have been stationed on the main ramps since approximately 2003. The TriMax fire extinguishers are routinely removed from the facility to be serviced by a contractor and were never dispensed at the facility or maintained on the ramp areas. Unless specifically noted, fire training exercises at the facility utilized ABC or Purple K fire extinguishers (**Figure 3-1**).

# 3.3 Former Storage Area

The AASF had a crash rescue firetruck until approximately 2004. The crash rescue truck was never used to extinguish fires and was stored in a small garage with no floor drains. Bulk AFFF was also stored in the same garage but was removed when the crash rescue firetruck was removed in 2004 (**Figure 3-1**).

#### 3.4 Wash Rack

The wash rack at the facility is located northwest of Hangar 2 and is plumbed to a recirculatory system that cycles through to a settling tank. Sediments from the settling tank have not been removed since 2005. In addition, 5-gallon buckets of AFFF were stored in a flammable container shed adjacent to the wash rack. No information was available regarding the fate of the 5-gallon buckets, however no containers of bulk AFFF were present during the site visit (**Figure 3-1**).



GA\WinderBarrow\_Figures\Fig\_3-1\_WinderBarrow\_Non-Fire\_Training\_Areas.mxd

# 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 Barrow County Emergency Services Department.

# 5. Adjacent Sources

Two potential off-facility sources of PFAS adjacent to the AASF, not under the control of the GAARNG, 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 Prop Plane Crash

On 26 September 2017 a small single prop plane crashed in the wood line of a pasture across from Winder Barrow County Airport on Highway 82 (**Figure 5-1**). AFFF was released by Barrow County Emergency Services. No information was available regarding concentration or volume of AFFF potentially released at the crash site. The crash site is downgradient from the AASF.

# 5.2 Winder Barrow County Airport

The Barrow County Emergency Service Department conducts fire training exercises at the Winder Barrow County Airport but does not use AFFF for their exercises (**Figure 5-1**). There is a fire suppression system present on Winder Barrow County Airport property; however, there is no information available regarding the type of suppression system or AFFF used in the



# 6. Preliminary Conceptual Site Model

Based on the PA findings, two AOIs were identified at the AASF: AOI 1 North Ramp FTA and AOI 2 East Ramp AFFF Release. The AOI locations are 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. Human exposure via the dermal contact pathway may occur, and the current risk practice suggests it is an insignificant pathway compared to ingestion; however, exposure data for dermal pathways is sparse and continues to be the subject of PFAS toxicological study. Receptors at the AASF include site workers, construction workers, trespassers, and off-facility recreational users. The CSM for the AASF (**Figure 6-2**) indicates which specific receptors could potentially be exposed to PFAS.

# 6.1 AOI 1 North Ramp FTA

AOI 1 is the FTA located on the north ramp where the City of Atlanta Fire Department visited the facility for a fire training course. During the training event, a 55-gallon drum was ignited and AFFF may have been dispensed from a firetruck to douse the fire. No information was available regarding concentration or volume of AFFF potentially released. This potential release occurred during one event prior to 2004.

Historically, the north ramp was completely paved; however, sometime between 1999 and 2005 the western third of the pavement was removed, leaving bare ground or gravel cover. The north ramp has no storm drains and surface water flows north toward a low-lying area in the northern corner of the AASF and drains to the canal on the north-west border of the AASF, potentially releasing PFAS to surface water, sediment, and surface soil.

Ground-disturbing activities to surface soil 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 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.

Ground-disturbing activities to the canals could result in site worker, construction worker, and trespasser exposure to surface water and sediment via ingestion. Therefore, the exposure pathways for ingestion are potentially complete for these receptors. Canals within the AASF boundary lead to the Lower Twin Lake to the northwest of the AASF; therefore, the exposure pathway for surface water and sediment via ingestion is potentially compete for the off-facility recreational user. The AASF drinking water is supplied by the City of Winder; however, unknown water wells are present to the north and east of the AASF. Groundwater flow direction is inferred to be to the northwest; therefore, these wells are upgradient of AOI 1 and not impacted due to groundwater flow. The exposure pathway for groundwater to residents through domestic drinking water ingestion is incomplete. The CSM for the AASF is shown on **Figure 6-2**.

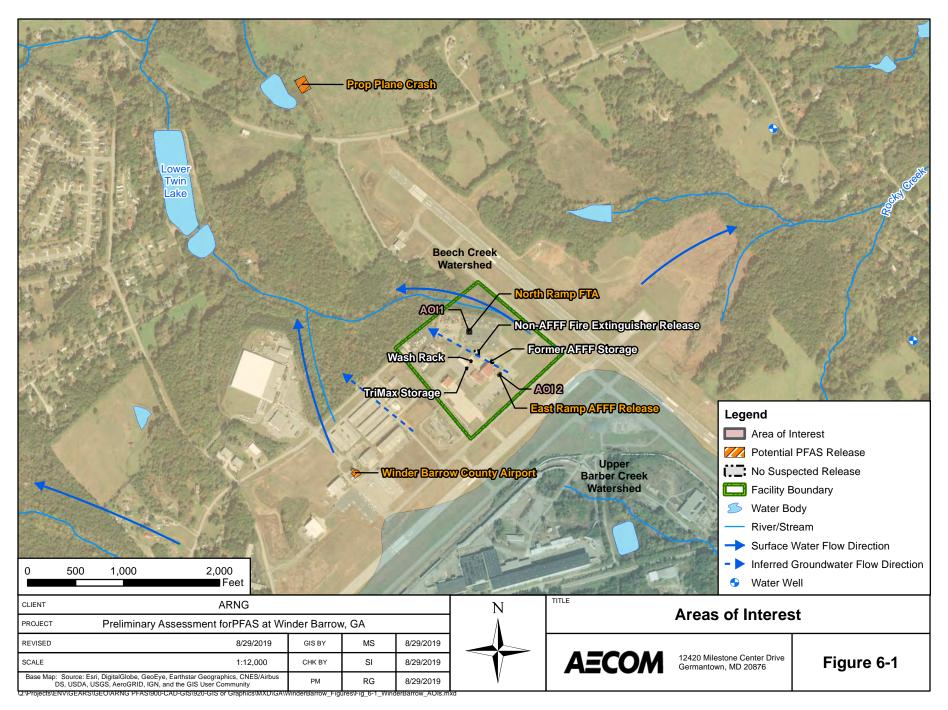
# 6.2 AOI 2 East Ramp AFFF Release

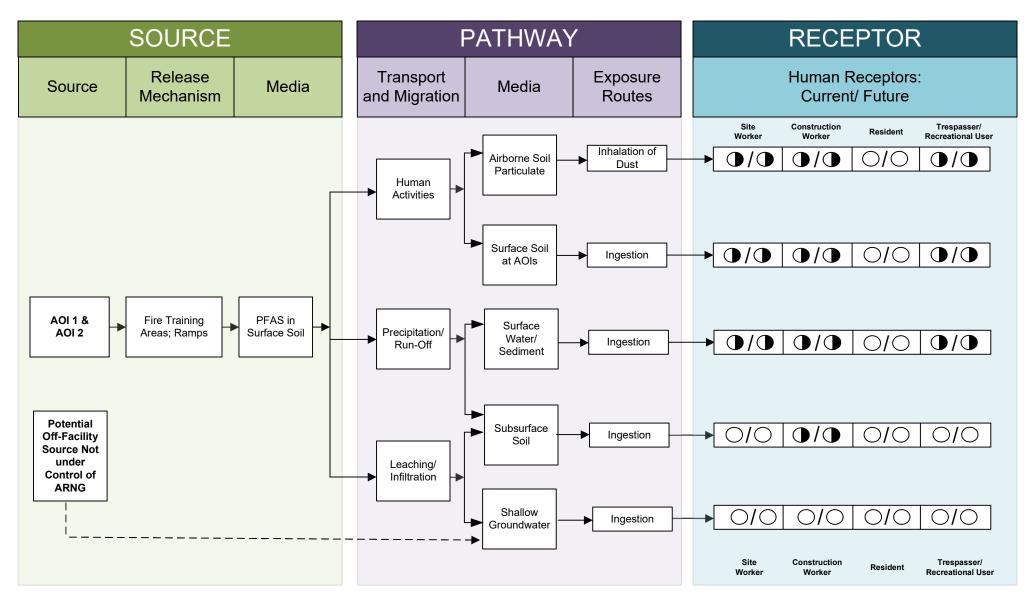
AOI 2 is located east of Hangar 2. During an elementary school field trip demonstration there was an unintentional release of AFFF from the crash rescue firetruck. The AFFF release

occurred on the ramp directly east of Hangar 2. No information was available regarding concentration or volume of AFFF potentially released.

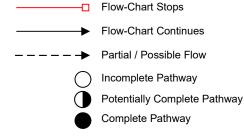
The east ramp surface water flows across the surface of the area of the septic leach field in the east corner of the AASF to the canal along the northeast side of the facility boundary and through an outfall in the northwest border, potentially releasing PFAS to surface water, sediment, and surface soil.

Because potential PFAS releases to surface soil at AOI 2 have occurred, PFAS may migrate from the surface soil to the groundwater via leaching. The pathways and receptors for AOI 2 are the same as described in **Section 6.1**. The CSM for AOI 2 is shown on **Figure 6-2**.





#### **LEGEND**



#### Notes:

- 1. The resident and recreational user receptors refer to an off-site resident and recreational user.
- 2. Dermal contact exposure pathway is incomplete for PFAS.

#### Figure 6-2

Preliminary Conceptual Site Model
AOI 1 North Ramp FTA and AOI 2 East Ramp AFFF Release

#### 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

Two AOIs related to potential PFAS release was identified (**Table 7-1**) at the AASF during the PA (**Figure 7-1**).

Table 7-1: AOIs at Winder Barrow AASF

Area of Interest	Name	Used by	Potential Release Dates	
AOI 1	North Ramp FTA	GAARNG	prior to 2004	
AOI 2	East Ramp AFFF Release	GAARNG	prior to 2004	

Based on potential PFAS releases at this AOI, there is potential for exposure to PFAS contamination in surface soil to site workers, construction workers, and trespassers via ingestion and inhalation of dust; surface water and sediment to site workers, construction workers, trespassers, and off-facility recreational users via ingestion; and subsurface soil to construction workers via ingestion.

The following areas discussed in **Sections 2** through **Section 5** were determined to have no suspected PFAS releases (**Table 7-2**).

**Table 7-2: No Suspected Release Areas** 

No Suspected Release Area	Used by	Rationale for No Suspected Release Determination	
Non-AFFF Fire Extinguisher Release	GAARNG	The fire extinguishers that were used for fire training activities were non-AFFF extinguishers.	
Wash Rack	GAARNG	The wash rack/former storage area is plumbed to a settling tank.	
Former Storage Area GAARNG		The crash firetruck was stored in a garage with no drains, and there were no reported leaks.	
TriMax Storage	GAARNG	There were no reported releases from the AFFF TriMax fire extinguishers that were present.	

#### 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. **Table 7-3** summarizes the uncertainties associated with the PA.

**Table 7-3: Uncertainties** 

Area of Interest	Source of Uncertainty	
All AOIs	Potential PFAS releases at the AOIs are estimated to have occurred prior to 2004 when the crash fire rescue truck was present at the facility; however, the exact year of the potential releases, volume, and type are unknown.	
AOI 1 North Ramp FTA	Fire training events were undocumented; therefore, the exact quantities and concentration of AFFF used during this event is estimated and based on interviewee knowledge. There were discrepancies between interviewees' accounts of the fire training activities.	
Adjacent Sources	Potential off-facility PFAS release areas exist 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 the off-facility sources affect the AASF.	

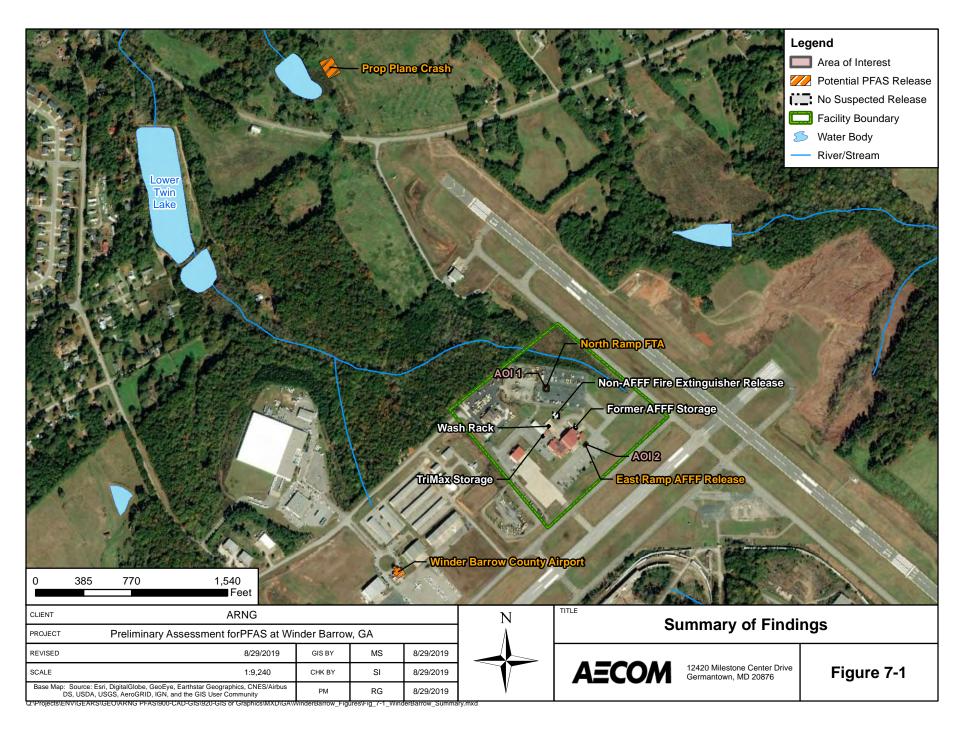
#### 7.3 Potential Future Actions

Interviews and records (covering 1989 to present) indicate that ARNG activities may have resulted in potential PFAS releases at the AOIs 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 AOIs. **Table 7-4** summarizes the rationale used to determine if the AOIs should be considered for further investigation under the CERCLA process and undergo a SI.

ARNG will evaluate the need for an SI at the AASF based on the potential receptors, and the potential migration of PFAS contamination off the facility, and the availability of resources.

**Table 7-4: PA Findings Summary** 

Area of Interest	Rationale	Potential Future Action
AOI 1 North Ramp FTA	During training a 55-gallon drum was ignited and AFFF may have been dispensed from a firetruck to douse the fire.	Proceed to an SI, focus on soil, groundwater, surface water, sediment
AOI 2 East Ramp	During an elementary school field trip demonstration there was an unintentional release of AFFF from the crash rescue firetruck.	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 Winder Barrow AASF, Georgia.

#### Winder Barrow AASF Leases, Licenses, and Permits

• 1967 Winder Airport Deed

#### **Winder Barrow AASF AFFF Release Documentation**

Excerpts from Winder Barrow AASF SWPPP

#### **EDR Report**

• 2019 Winder Barrow AASF EDR Report

STATE OF GEORGIA COUNTY OF BARROW

THIS INDENTURE, made this 13th day of July, 1967, between the CITY OF WINDER, a political subdivision of the State of Georgia, acting by and through its Mayor, of the first part, and DEPARTMENT OF DEFENSE, STATE OF GEORGIA, of the second part,

and in consideration of the sum of Ten (\$10.00) Dollars and other good and valuable considerations, in hand paid, at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto the said party of the second part, its successors and assigns,

All that tract or parcel of land lying and being in the 246th District, G. M., Barrow County, Georgia, encompassing 32.90 acres, and more particularly described as per survey entitled "Survey for Rohr Corporation", surveyed June 1st and 2nd, 1967, by W. T. Dunahoo and certified by Nat Hancock, Georgia Registered Surveyor No. 254, which said plat is of record in Plat Book 5, page 225, in the Office of the Clerk of the Superior Court of Barrow County, Georgia; and which said plat and the recording thereof are by reference hereto incorporated herein for a more detailed description as to metes and bounds.

with all and singular the rights, members, and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit, and behoof of the said party of the second part, its successors and assigns, forever, in fee simple.

The 3th day of are. 1968 in Book

Deeds XI Pages 440-444

Riccessin Number

14. July 3

and assigns, will warrant and forever defend the right and title of the above described property unto the said party of the second part, its successors and assigns, against the claims of all persons whomsoever.

IN WITNESS WHEREOF, the said party of the first part has hereunto set its hand and seal through its duly elected officer, the day and year above written.

CITY OF WINDER

By: MAYOR, CITY OF WINDER

ATTEST:

CLERK OF THE CITY OF WINDER

Signed, sealed and delivered in the presence of:

Judy Bruggle

my com. expires 1-4-21

Book 10 to Page 11867

2003/2/

Barrier

# A RESOLUTION

GEORGIA, BARROW COUNTY.

At a meeting of the Mayor and Council of the City of Winder, Georgia, held on this 6th day of June, 1967, the following resolution was duly made, seconded, favorably voted upon, passed and adopted by said Mayor and Council of the City of Winder, Georgia:

WHEREAS, it is proposed that a National Guard Armory be built in Barrow County by the United States Government, and the State of Georgia in participation with the City of Winder and Barrow County, Georgia;

And whereas, the City of Winder, Georgia, acting by and through its governing body, this Mayor and Council, has agreed to provide a site and location for said National Guard Armory, which is to be deeded by the City of Winder,

And whereas, the hereinafter described tract of land has been selected as a site and location for said Armory and it has further been determined that said property is unserviceable to the City of Winder, Georgia.

NOW THEREFORE, be it and it is hereby resolved that the City of Winder, Georgia, acting by and through its governing body, the Mayor and Council of said Winder, Georgia, execute and deliver to the State of Georgia a deed to the hereinafter described property, based upon a consideration of Ten (\$10.00) Dollars:

All that tract or parcel of land lying and being in the 246th District, G. M., Barrow County, Georgia, encompassing 32.90 acres, and more particularly described as per survey entitled "Survey for Rohr Corporation", surveyed June 1st and 2nd, 1967, by W. T. Dunahoo and certified by Nat Hancock, Georgia Registered Surveyor No. 254, which said plat is of record in Plat Book 5, page 225, in the Office of the Clerk of the Superior Court of Barrow County, Georgia; and which said plat and the recording thereof are by reference hereto incorporated herein for a more detailed description as to metes and bounds.

C. A. Rutledge, as Mayor of the City of Winder, and Mark Sims, as Clerk of the City of Winder, be and they are hereby authorized to execute said deed of conveyance and any and all other documents deemed necessary or convenient for the accomplishment of the establishment of a military facility upon the proposed airport for and in behalf of the City of Winder, Georgia.

This resolution duly adopted this 6th day of June, 1967.

Mayor, City of Winder, Georgia

ATTEST:

Clerk, City of Winder

GEORGIA, BARROW COUNTY.

I, Mark Sims, Clerk of the City of Winder, Georgia, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted by said Mayor and Council of the City of Winder as aforesaid stated, said resolution being of file and of record in my office.

SO CERTIFIED this 13th day of July, 1967.

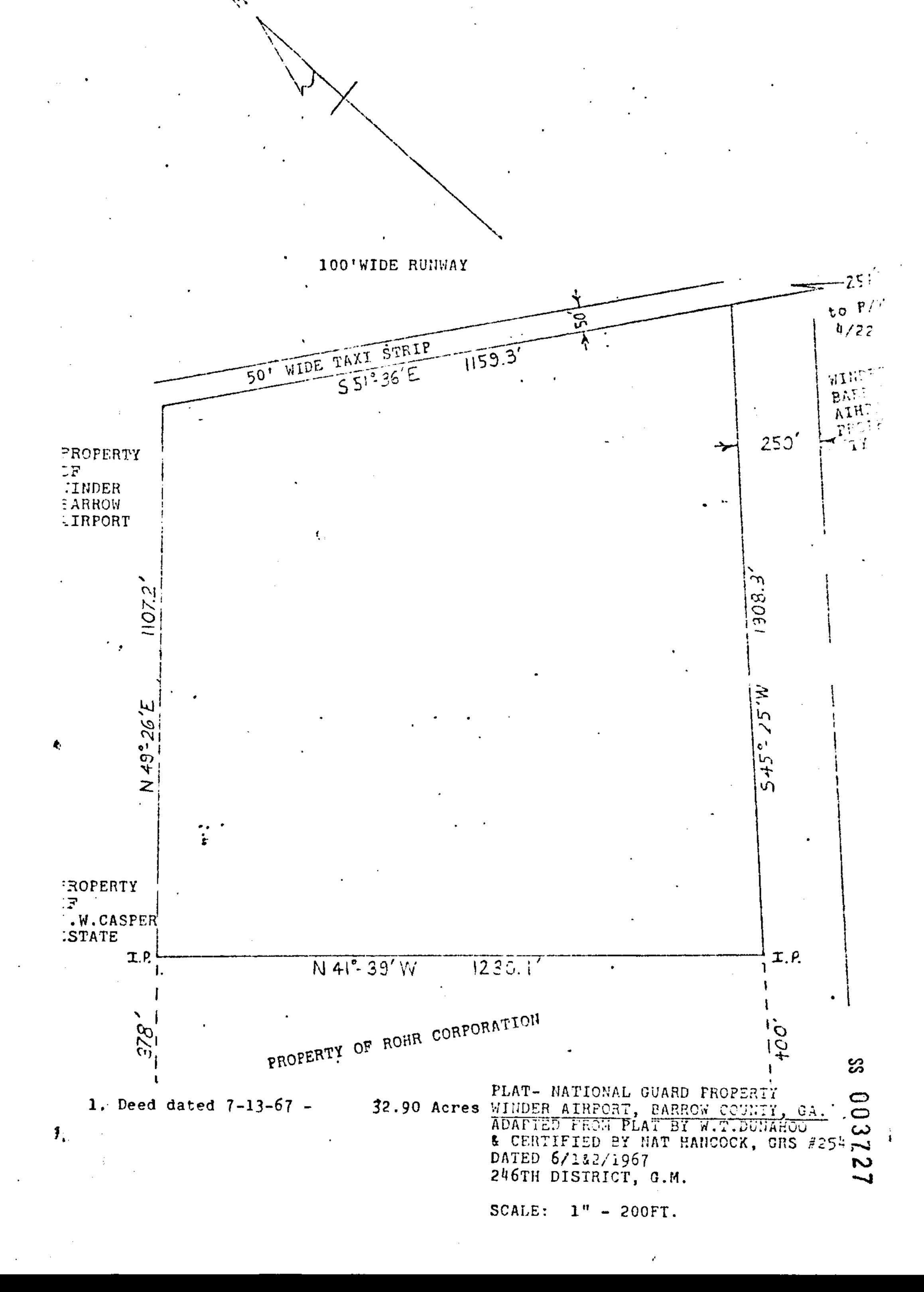
Clerk, City of Winder

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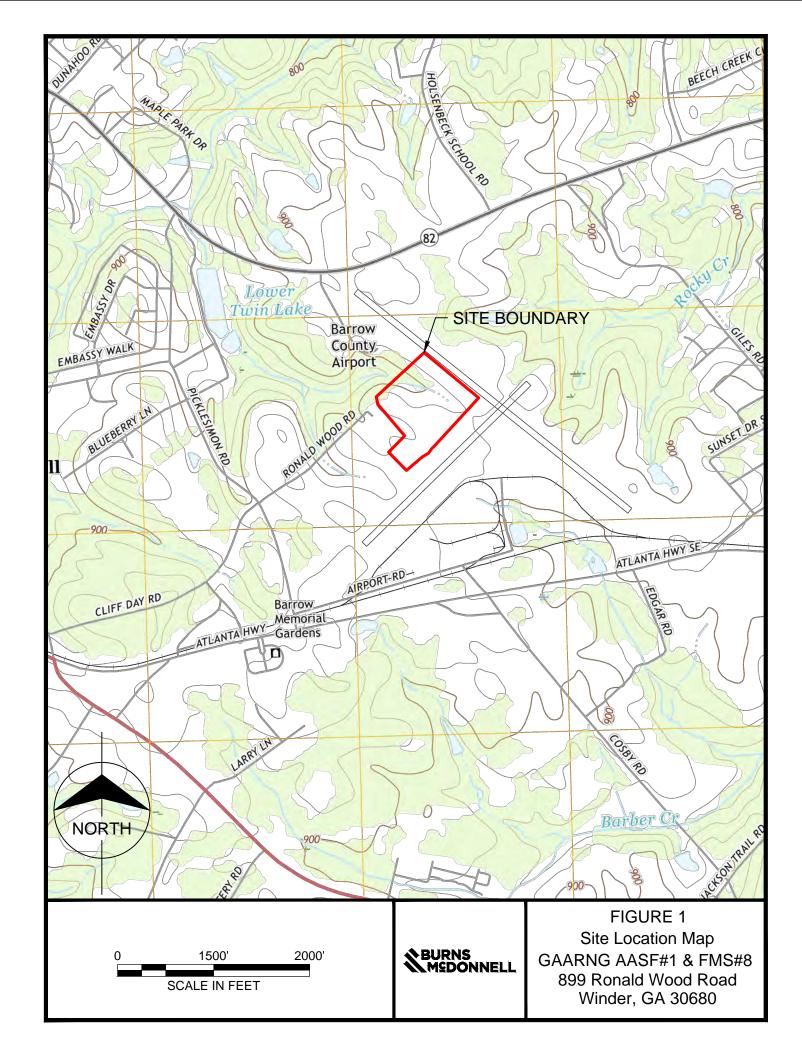
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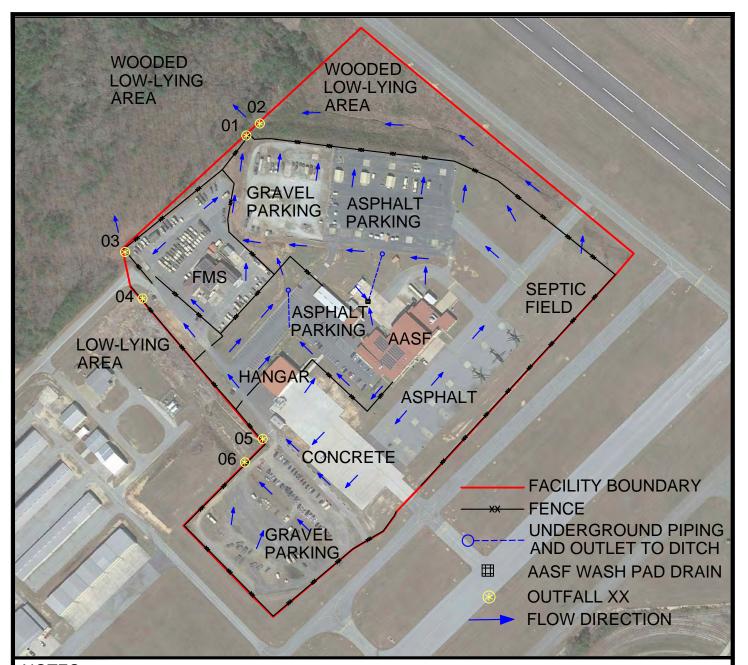
MUSSELL & MCWHORTER
ATTORNEYS AT LAW
WINDER, GEORGIA

Barran



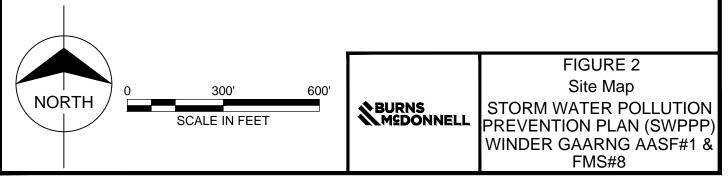
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#### NOTES:

- 1. STORMWATER FROM OUTFALLS 01 TO 03 DRAINS TO THE LOWER TWIN LAKE, THEN TO AN UNNAMED TRIBUTARY TO BEECH CREEK.
- 2. STORMWATER FROM OUTFALLS 04 TO 06 DRAINS TO THE LOW-LYING AREA WEST OF THE SITE, THEN TO THE BARROW COUNTY MS4.
- 3. AREAS OF THE SITE THAT CONTRIBUTE RUNOFF TO THE DISCHARGES COVERED BY THE PERMIT HAVE BEEN INSPECTED, AND ADDITIONAL EROSION AND SEDIMENT CONTROL IS NOT NEEDED AT THIS TIME.



Fax To: AECOM

**Contact: Brittany Kirchmann** 

Fax: 000-000-0000 Date: 04/05/2019 Fax From: Sean McLaughlin

EDR

Phone: 1-800-352-0050

# EDR PUR-IQ® Report

"the intelligent way to conduct historical research"

for Winder Barrow County Airport 889 Ronald Wood Road Winder, GA 30680 Lat./Long. 33.983403 / 83.670451 EDR Inquiry # 5612681.2s

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:

Building Permits: Building Permits are available for 'WINDER', GA (1998 - 2016).
 City Directory: Coverage exists for portions of WINDER, GA for 1975-1997

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:** Coverage exists for portions of Barrow County for the following

decades: 1950s, 1960s, 1980s, 1970s Shipping time 3-5 business

days.

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

Historical: Coverage exists for BARROW County

Current: Target Property: TP | 2014 | 6046440 Winder South, GA
Additional required for 1 Mile radius: N | 2014 | 6045681 Winder North, GA

6. Flood Insurance Rate Maps (FEMA): Coverage is available for Barrow County

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, flood maps and historical topographic map resources available for Winder, GA. 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

Winder Barrow County Airport 889 Ronald Wood Road Winder, GA 30680 BARROW County Lat./Long. 33.983403 / 83.670451 EDR Inquiry # 5612681.2s

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 #

Winder Barrow County Airport 889 Ronald Wood Road Winder, GA 30680

Inquiry Number: 5612681.3

April 05, 2019

# **Certified Sanborn® Map Report**



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

### **Certified Sanborn® Map Report**

04/05/19

Site Name: Client Name:

Winder Barrow County Airport AECOM

889 Ronald Wood Road 12120 Shamrock Plaza Winder, GA 30680 Omaha, NE 68154

EDR Inquiry # 5612681.3 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 # A8C7-4453-98A8

PO# NA

Project Winder Barrow County Airport

#### **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 #: A8C7-4453-98A8

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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AECOM (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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# **Winder Barrow County Airport**

889 Ronald Wood Road Winder, GA 30680

Inquiry Number: 5612681.5

April 05, 2019

# The EDR Aerial Photo Decade Package



## **EDR Aerial Photo Decade Package**

04/05/19

Site Name: Client Name:

Winder Barrow County Airport

889 Ronald Wood Road 12120 Shamrock Plaza
Winder, GA 30680 Omaha, NE 68154
EDR Inquiry # 5612681.5 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.

**AECOM** 

#### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
1993	1"=500'	Acquisition Date: February 01, 1993	USGS/DOQQ
1988	1"=500'	Flight Date: February 24, 1988	USGS
1981	1"=500'	Flight Date: March 14, 1981	USDA
1973	1"=500'	Flight Date: February 21, 1973	USDA
1967	1"=500'	Flight Date: February 05, 1967	USDA
1960	1"=500'	Flight Date: November 01, 1960	USDA
1955	1"=500'	Flight Date: November 17, 1955	USDA
1951	1"=500'	Flight Date: January 04, 1951	USDA
1944	1"=500'	Flight Date: April 18, 1944	USDA
1938	1"=500'	Flight Date: April 05, 1938	USDA

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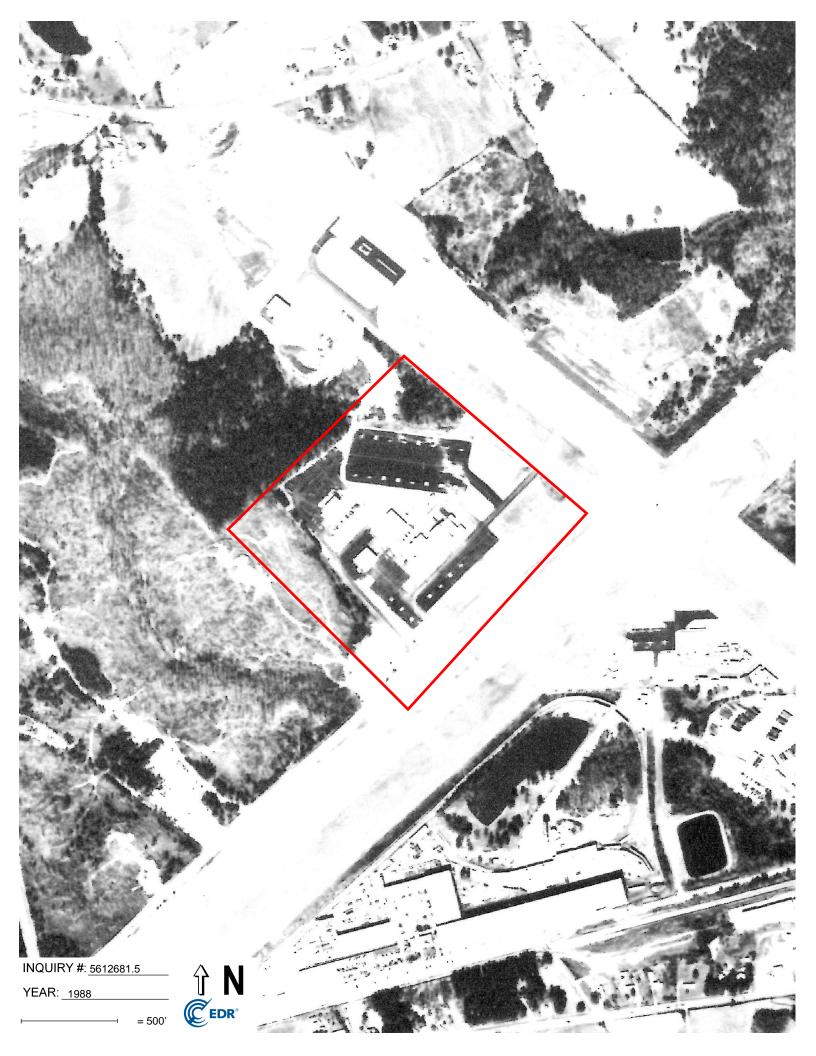














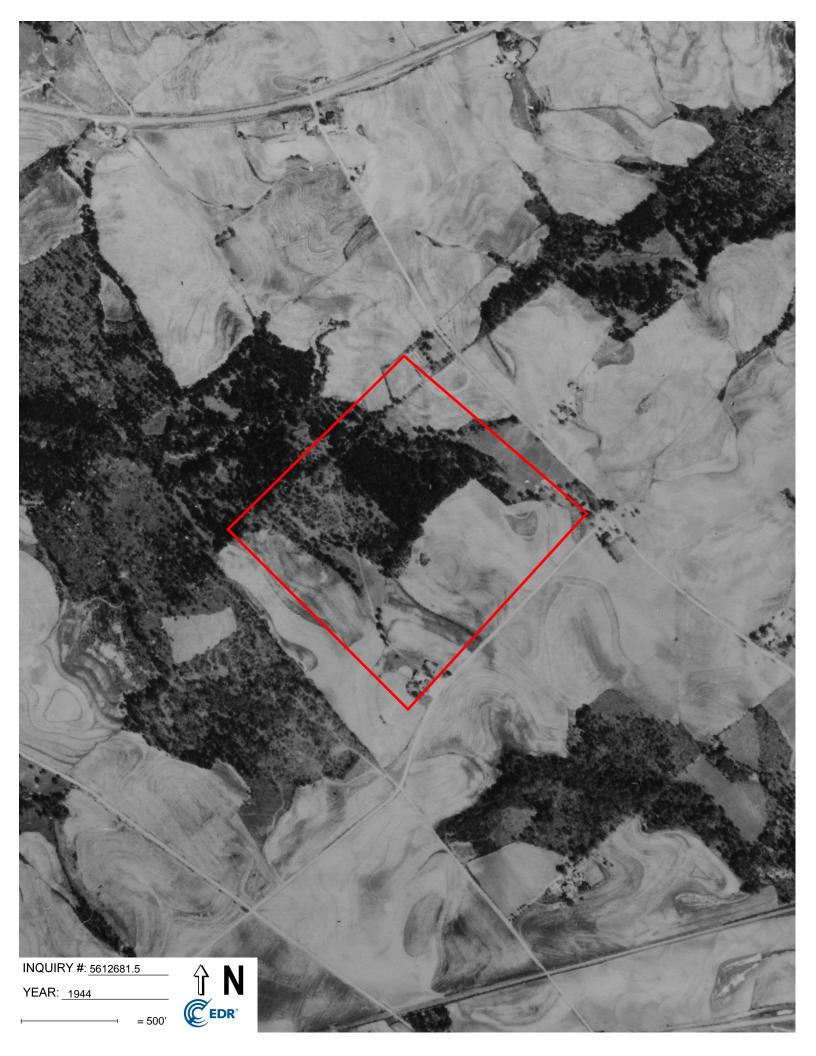


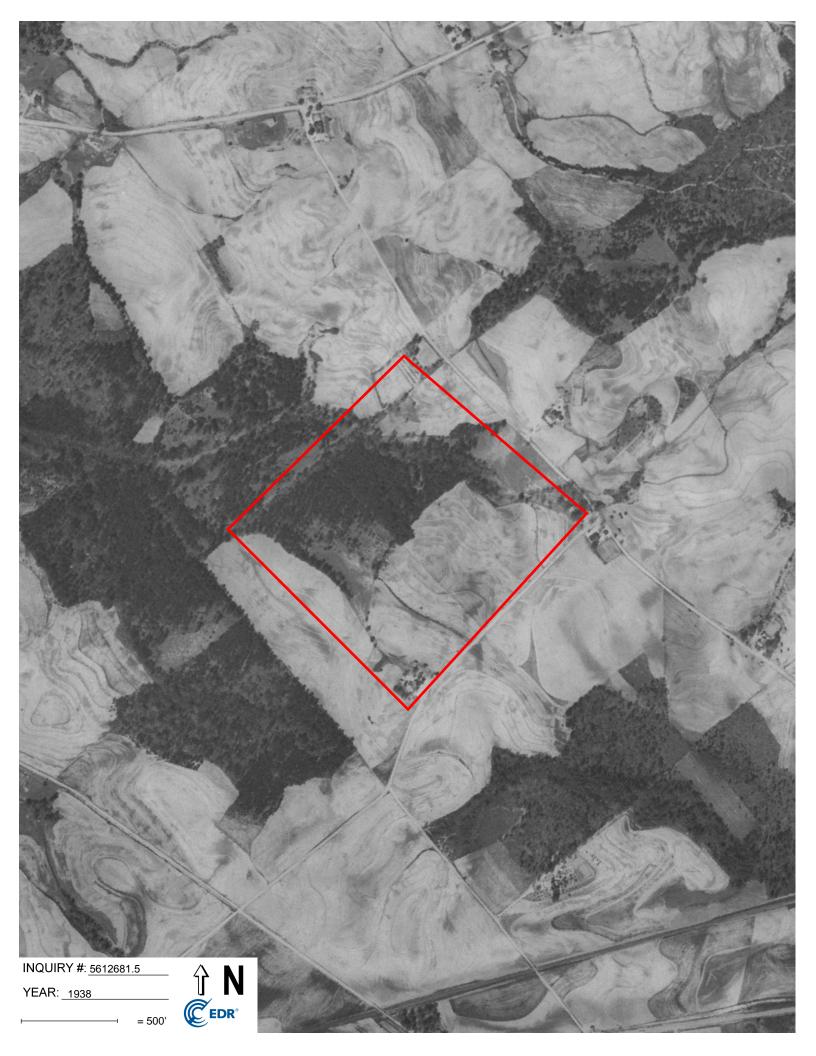












Winder Barrow County Airport 889 Ronald Wood Road Winder, GA 30680

Inquiry Number: 5612681.2s

April 05, 2019

# The EDR Radius Map™ Report with GeoCheck®



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**

889 RONALD WOOD ROAD WINDER, GA 30680

#### **COORDINATES**

Latitude (North): 33.9834030 - 33° 59' 0.25" Longitude (West): 83.6704510 - 83° 40' 13.62"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 253302.4 UTM Y (Meters): 3763336.2

Elevation: 925 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6046440 WINDER SOUTH, GA

Version Date: 2014

North Map: 6045681 WINDER NORTH, GA

Version Date: 2014

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

Portions of Photo from: 20151018 Source: USDA

#### MAPPED SITES SUMMARY

Target Property Address: 889 RONALD WOOD ROAD WINDER, GA 30680

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
A1	ARMY AVIATION SUPPOR	889 RONALD WOOD RD	RCRA-SQG, FINDS, ECHO		TP
A2	GAARNG WINDER AASF &	889 RONALD WOOD ROAD	NPDES, TIER 2		TP
3	AASF 1 (WINDER)	ARMORY RD HWY 29	UST, Financial Assurance	Lower	1 ft.
4	ALLDA AIR	WINDER BARROW CO AIR	UST, Financial Assurance	Lower	776, 0.147, SSE
B5	PALM HARBOR HOMES	976 AIRPORT ROAD	SEMS-ARCHIVE	Lower	1429, 0.271, ESE
B6	PALM HARBOR HOMES (F	976 AIRPORT RD	LUST, UST, Financial Assurance	Lower	1429, 0.271, ESE
7	BARROW COUNTY AIRPOR	839 RONALD WOOD RD	LUST, UST, FINDS, Financial Assurance	Higher	1513, 0.287, WSW
8	MCCONWAY & TORLEY, L	880 AIRPORT ROAD	LUST, AIRS, NPDES, TIER 2	Higher	1521, 0.288, South

#### 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 SUPPOR 889 RONALD WOOD RD WINDER, GA 30680	RCRA-SQG EPA ID:: GAD981224512	GAD981224512
	FINDS Registry ID:: 110007488655	
	ECHO Registry ID: 110007488655	
GAARNG WINDER AASF & 889 RONALD WOOD ROAD WINDER, GA 30680	NPDES TIER 2 Facility Id: 6090996	N/A

#### **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 Proposed NPL NPL LIENS	Proposed National Priority List Sites
Federal Delisted NPL site lis	t
Delisted NPL	National Priority List Deletions
Federal CERCLIS list	
	Federal Facility Site Information listing Superfund Enterprise Management System
Federal RCRA CORRACTS fa	acilities list
CORRACTS	Corrective Action Report
Federal RCRA non-CORRAC	TS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal

Federal R	CRA ge	nerators	list
-----------	--------	----------	------

RCRA-LQG...... RCRA - Large Quantity Generators

RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS....... Land Use Control Information System US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

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

SWF/LF..... Solid Waste Disposal Facilities

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST...... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Public Record List

AUL...... Uniform Environmental Covenants

State and tribal voluntary cleanup sites

INDIAN VCP......Voluntary Cleanup Priority Listing VCP.....Voluntary Cleanup Program site

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Public Record List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

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

SWRCY...... Recycling Center Listing HIST LF..... Historical Landfills

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI...... Open Dump Inventory IHS OPEN DUMPS...... Open Dumps on Indian Land

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

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

CDL...... Clandestine Drug Labs

DEL SHWS..... Delisted Hazardous Site Inventory Listing 

#### Local Land Records

LIENS 2..... CERCLA Lien Information

#### Records of Emergency Release Reports

HMIRS\_\_\_\_\_ Hazardous Materials Information Reporting System

SPILLS......Spills Information

SPILLS 90 data from FirstSearch

#### Other Ascertainable Records

RCRA NonGen / NLR\_\_\_\_\_\_ RCRA - Non Generators / No Longer Regulated

FUDS..... Formerly Used Defense Sites DOD..... Department of Defense Sites

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TSCA...... Toxic Substances Control Act
TRIS....... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems ROD...... Records Of Decision RMP..... Risk Management Plans

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

PRP..... Potentially Responsible Parties PADS...... PCB Activity Database System

ICIS...... Integrated Compliance Information System

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

Act)/TSCA (Toxic Substances Control Act)

..... Material Licensing Tracking System COAL ASH DOE..... Steam-Electric Plant Operation Data

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 AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File ABANDONED MINES..... Abandoned Mines

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

FUELS PROGRAM EPA Fuels Program Registered Listing
AIRS Permitted Facility and Emissions Listing

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

DRYCLEANERS...... Drycleaner Database

Financial Assurance Information Listing

UIC...... Underground Injection Control

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

#### **EDR Exclusive Records**

EDR MGP	<b>EDR Proprietary Manufactured Gas Plants</b>
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

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

#### Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

#### **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 CERCLIS NFRAP site list

SEMS-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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 02/06/2019 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PALM HARBOR HOMES	976 AIRPORT ROAD	ESE 1/4 - 1/2 (0.271 mi.)	B5	23

#### State and tribal leaking storage tank lists

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' Confirmed Release List.

A review of the LUST list, as provided by EDR, and dated 01/14/2019 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<b>Equal/Higher Elevation</b>	Address	Direction / Distance	Map ID	Page
BARROW COUNTY AIRPOR Cleanup Status: NFA - Clean Closure Facility Id: 09007021	839 RONALD WOOD RD	WSW 1/4 - 1/2 (0.287 mi.)	7	26
MCCONWAY & TORLEY, L Cleanup Status: NFA - No Further Action Facility Id: 00070085	880 AIRPORT ROAD	S 1/4 - 1/2 (0.288 mi.)	8	28
Lower Elevation	Address	Direction / Distance	Map ID	Page
PALM HARBOR HOMES (F Cleanup Status: NFA - No Further Action Facility Id: 09007014	976 AIRPORT RD	ESE 1/4 - 1/2 (0.271 mi.)	B6	25

#### State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 01/14/2019 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
AASF 1 (WINDER)	ARMORY RD HWY 29	0 - 1/8 (0.000 mi.)	3	22

Status: Removed from Ground Facility Status: Inactive Facility Id: 72000

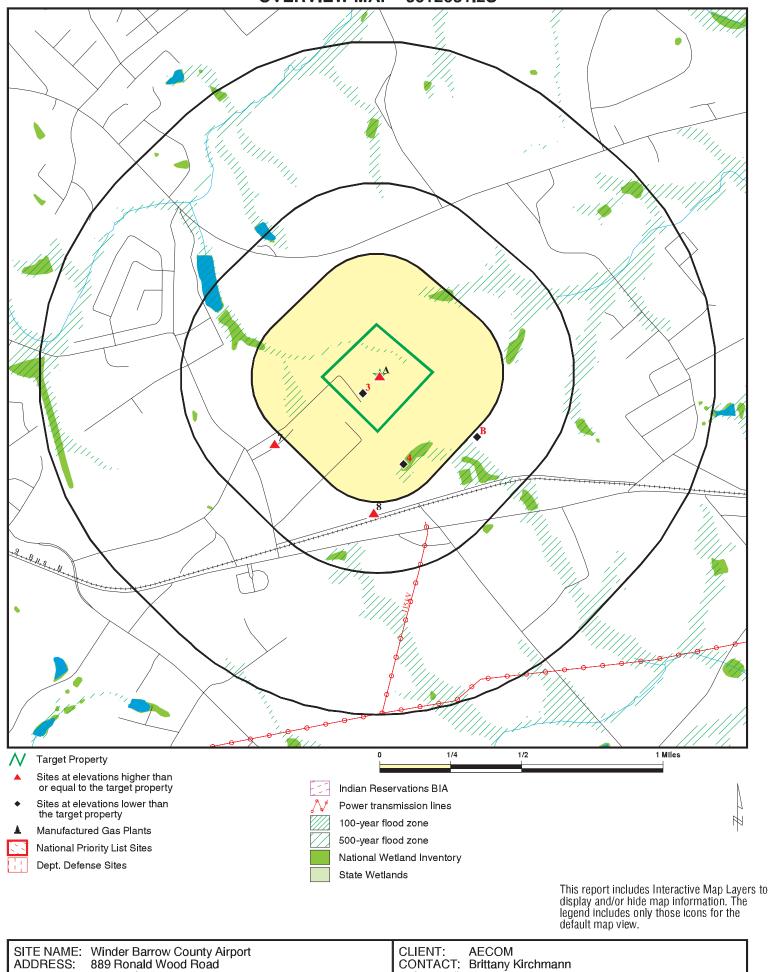
ALLDA AIR

Status: Removed from Ground Facility Status: Inactive Facility Id: 9007009 WINDER BARROW CO AIR SSE 1/8 - 1/4 (0.147 mi.) 4 23

Due to poor or inadequate address information,	the following sites were not mapped. Count: 1 records.
--	--

Site Name	Database(s)
GA ARNG OMS #8	LUST, UST, Financial Assurance

# **OVERVIEW MAP - 5612681.2S**



Winder GA 30680

33.983403 / 83.670451

LAT/LONG:

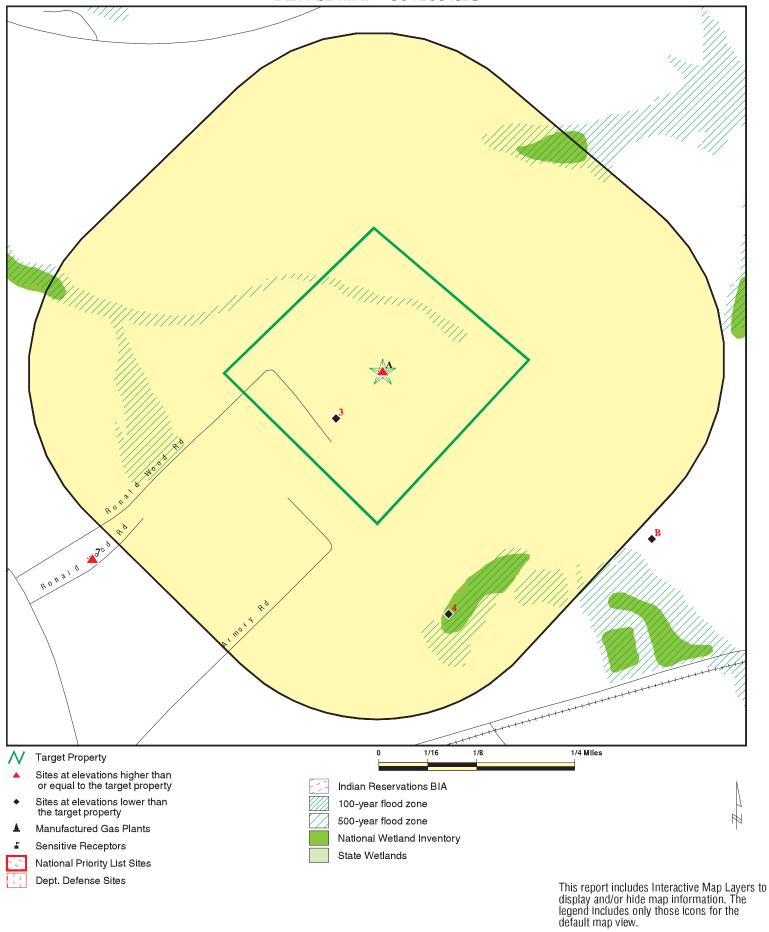
April 05, 2019 10:28 am

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INQUIRY#: 5612681.2s

DATE:

### **DETAIL MAP - 5612681.2S**



SITE NAME: Winder Barrow County Airport
ADDRESS: 889 Ronald Wood Road
Winder GA 30680
LAT/LONG: 33.983403 / 83.670451

CLIENT: AECOM
CONTACT: Brittany Kirchmann
INQUIRY #: 5612681.2s
DATE: April 05, 2019 10:30 am

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Federal Delisted NPL sit	te 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	1	NR	NR	1
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	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 controls / engineering controls registries								
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 - equivalent CERCLIS								
SHWS GA NON-HSI	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST INDIAN LUST	0.500 0.500		0 0	0 0	3 0	NR NR	NR NR	3 0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST AST INDIAN UST	0.250 0.250 0.250		1 0 0	1 0 0	NR NR NR	NR NR NR	NR NR NR	2 0 0
State and tribal institution control / engineering control /								
INST CONTROL AUL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal voluntary	/ cleanup sites	5						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Colid							
SWRCY HIST LF INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL CDL DEL SHWS US CDL	TP TP 1.000 TP		NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	0 0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency R	Release Report	ts						
HMIRS SPILLS 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 Records								
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS	0.250 1.000 1.000 0.500		0 0 0 0	0 0 0 0	NR 0 0 0	NR 0 0 NR	NR NR NR NR	0 0 0 0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
	(**************************************	,						
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
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	0
SSTS ROD	TP		NR 0	NR 0	NR 0	NR	NR	0
RMP	1.000 TP		NR	NR	NR	0 NR	NR NR	0 0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	Ö
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	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 HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		Ö	Ö	ŏ	Ö	NR	0
UMTRA	0.500		Ö	Ö	Ö	NR	NR	Ö
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250	_	0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC ECHO	TP TP	1	NR NR	NR NR	NR NR	NR NR	NR NR	0 1
FUELS PROGRAM	0.250	'	0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	Ö
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
TIER 2	TP	1	NR	NR	NR	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records	;							
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		Ō	NR	NR	NR	NR	Ō
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered G	ovt. Archives							
RGA HWS	TP		NR	NR	NR	NR	NR	0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF RGA LUST	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
- Totals		5	1	1	4	0	0	11

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 ARMY AVIATION SUPPORT FACILITY #1 RCRA-SQG 1000155713
Target 889 RONALD WOOD RD FINDS GAD981224512

Property WINDER, GA 30680 ECHO

Site 1 of 2 in cluster A

Actual: RCRA-SQG:

925 ft. Date form received by agency: 09/07/2017

Facility name: WINDER FIELD MAINTENANCE SHOP; WINDER ARMY AVIATION SUPPORT FACILITY

Facility address: 889 RONALD WOOD ROAD

WINDER, GA 30680

EPA ID: GAD981224512
Mailing address: HALSEY AVENUE SE

NGGA-CFM-E; ATTN: RANDY DRUMMOND

MARIETTA, GA 30060

Contact: RANDY DRUMMOND

Contact address: HALSEY AVENUE SE NGGA-CFM-E; ATTN: RANDY DRUMMOND

MARIETTA, GA 30060

Contact country: US

Contact telephone: 678-569-6750

Contact email: RANDY.M.DRUMMOND.NFG@MAIL.MIL

EPA Region: 04 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: GA NATIONAL GUARD Owner/operator address: OWNERSTREET

OWNERCITY, WY 99999

Owner/operator country: US

Owner/operator telephone: 404-555-1212 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: GEORGIA DEPARTMENT OF DEFENSE

Owner/operator address: HALSEY AVENUE SE NGGA-CFM-E; ATTN: RANDY DRUMMOND

MARIETTA, GA 30060

Owner/operator country: US

Owner/operator telephone: 678-569-6750 Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: State Owner/Operator Type: Operator Owner/Op start date: 07/13/1967 Owner/Op end date: Not reported

Owner/operator name: GEORGIA DEPARTMENT OF DEFENSE

Owner/operator address: HALSEY AVENUE SE NGGA-CFM-E; ATTN: RANDY DRUMMOND

**EDR ID Number** 

Map ID MAP FINDINGS Direction

Distance Elevation

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

## **ARMY AVIATION SUPPORT FACILITY #1 (Continued)**

1000155713

**EDR ID Number** 

MARIETTA, GA 30060

Owner/operator country: US

Owner/operator telephone: 678-569-6750 Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: State Legal status: Owner/Operator Type: Owner Owner/Op start date: 07/13/1967 Owner/Op end date: Not reported

Handler Activities Summary:

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: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Waste code: D001

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

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

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

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.

D003

Waste code: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS Waste name:

> NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

D004 Waste code: **ARSENIC** Waste name:

Waste code: D005 Map ID MAP FINDINGS
Direction

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

ARMY AVIATION SUPPORT FACILITY #1 (Continued)

1000155713

Waste name: BARIUM

. 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: D011 . Waste name: SILVER

Waste code: D018
Waste name: BENZENE

. Waste code: D019

. Waste name: CARBON TETRACHLORIDE

Waste code: D020

. Waste name: CHLORDANE

. Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: D038
. Waste name: PYRIDINE

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-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

Map ID Direction Distance Elevation MAP FINDINGS

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

#### **ARMY AVIATION SUPPORT FACILITY #1 (Continued)**

1000155713

. 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.

F004 . Waste code:

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.

F005 Waste code:

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

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.

Waste code: F037

PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY Waste name: SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY

COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE.

BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS

SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS

LISTING.

Waste code: F038

PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION Waste name:

SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL

SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM

NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS. SLUDGES AND FLOATS GENERATED IN

AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION

Direction Distance Elevation

Site Database(s) EPA ID Number

#### ARMY AVIATION SUPPORT FACILITY #1 (Continued)

1000155713

**EDR ID Number** 

261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.

Historical Generators:

Date form received by agency: 03/18/2011

Site name: WINDER FMS AND AASF#1

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

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: D003

. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS

NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004 . Waste name: ARSENIC

. Waste code: D005 . Waste name: BARIUM

. 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: D011
Waste name: SILVER

Waste code: D018

Map ID
Direction
Distance

MAP FINDINGS

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

#### **ARMY AVIATION SUPPORT FACILITY #1 (Continued)**

1000155713

. Waste name: BENZENE

Waste code: D019

. Waste name: CARBON TETRACHLORIDE

. Waste code: D020

. Waste name: CHLORDANE

Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: D038
. Waste name: PYRIDINE

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-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.

Map ID MAP FINDINGS Direction

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#### ARMY AVIATION SUPPORT FACILITY #1 (Continued)

1000155713

. 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.

. Waste code: F037

. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY

SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE,

BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS

SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS

LISTING.

Waste code: F038

. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION

SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS

THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM

NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES AND FLOATS GENERATED IN

AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT

INCLUDED IN THIS LISTING.

Date form received by agency: 05/24/2007

Site name: GAARNG FIELD MAINTENANCE SHOP FMS #8

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

Map ID MAP FINDINGS
Direction

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

## ARMY AVIATION SUPPORT FACILITY #1 (Continued)

1000155713

. 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: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS

NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D005
. Waste name: BARIUM

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: D011
Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

Waste code: D019

. Waste name: CARBON TETRACHLORIDE

Waste code: D020

Waste name: CHLORDANE

Waste code: D035

Waste name: METHYL ETHYL KETONE

. Waste code: D038 . Waste name: PYRIDINE

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

Map ID Direction Distance Elevation MAP FINDINGS

ance EDR ID Number vation Site Database(s) EPA ID Number

## ARMY AVIATION SUPPORT FACILITY #1 (Continued)

1000155713

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

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: 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.

. Waste code: F037

. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY

SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE,

BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS

SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE

LISTING.

Waste code: F038

. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION

SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND

BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS

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#### ARMY AVIATION SUPPORT FACILITY #1 (Continued)

1000155713

**EDR ID Number** 

**EPA ID Number** 

OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM

NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM

OTHER PROCESS OR OILY COOLING WATERS, SLUDGES AND FLOATS GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE

BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT

INCLUDED IN THIS LISTING.

Date form received by agency: 02/17/2006

Site name: GAARNG FIELD MAINTENANCE SHOP FMS #8

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: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS

NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D005 . Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

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## ARMY AVIATION SUPPORT FACILITY #1 (Continued)

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. Waste code: D011
. Waste name: SILVER
. Waste code: D018
. Waste name: BENZENE

Waste code: D019

. Waste name: CARBON TETRACHLORIDE

. Waste code: D020

Waste name: CHLORDANE

Waste code: D035

. Waste name: METHYL ETHYL KETONE

Waste code: D038
Waste name: PYRIDINE

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-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: F005

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

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

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#### **ARMY AVIATION SUPPORT FACILITY #1 (Continued)**

1000155713

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.

Waste code: F037

Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY

SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE,

BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS

SEPARATORS: TANKS AND IMPOUNDMENTS: DITCHES AND OTHER CONVEYANCES: SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS. SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.

Waste code: F038

Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION

SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL

SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW. SLUDGES GENERATED FROM

NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES AND FLOATS GENERATED IN

AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION

261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT

INCLUDED IN THIS LISTING.

Date form received by agency: 10/22/1986

GA ARMY NATIONAL GUARD WINDER Site name:

Classification: Small Quantity Generator

D000 Waste code: Waste name: Not Defined

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.

Violation Status: No violations found

MAP FINDINGS Map ID

Direction Distance

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

#### **ARMY AVIATION SUPPORT FACILITY #1 (Continued)**

1000155713

**EDR ID Number** 

**Evaluation Action Summary:** 

Evaluation date: 10/06/2008

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

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

FINDS:

Registry ID: 110007488655

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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.

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

ECHO:

1000155713 Envid: Registry ID: 110007488655

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007488655

**GAARNG WINDER AASF & FMS** 

**A2** 889 RONALD WOOD ROAD **Target Property WINDER, GA 30680** 

**NPDES** S117390598 TIER 2 N/A

#### Site 2 of 2 in cluster A

NPDES: Actual:

925 ft. NPDES Id: Not reported Notice of Intent Num: 12753 Facility Type Desc: Not reported

NOI Type: Notice of Intent River Basin: Not reported Permit Sub Type: Not reported

GA TIER 2:

Reporting Year: 2017 Facility ID: 6090996 Facility Country: Not reported

Company Name: Georgia Department of Defense

Date Submitted: 02/23/2018

Distance

Elevation Site Database(s) EPA ID Number

## GAARNG WINDER AASF & FMS (Continued)

S117390598

**EDR ID Number** 

Filing Type: 312 Not reported SIC Code: NAICS Code: 928110 Dun&Bradstreet Code: N/A Chemicals Same as Last Year: Not reported Data Tier 2 Signed: Not reported Not reported Dikes/Saveguard Measures: Not reported Facility Department: Facility Date Modified: 02/23/2018 State Fees Total: Not reported Mailing Address: Not reported Not reported Mailing City, St, Zip: Mailing Country: Not reported Latitude: 33.983295

Longitude: -83.67037900000003

Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmttd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Inventory:

Facility Id: 6090996 2017 Year: Chemical Inventory ID: Not reported Acute Health Risks: True Average Daily Amount: 4760 Average Daily Amount Code: Not reported CB Record ID: Not reported Chemical Same as Last Year: Not reported Chronic Health Risk: True 8008206 CAS Number: EHS Substance: Not reported Not reported Last Modified: Days on Site: Not reported Aviation F-24 Fuel Chemical Name: Fire Hazard: Not reported Gas: False Liquid: True 20400 Max Daily Amount: Max Daily Amount Code: Not reported

Mixture Form: True
Sudden Release of Pressure Hazard: Not reported
Pure Form: False
Reactive Hazard: False
Solid: False

Max Amount in Largest Container:

Facility Name: GAARNG Winder AASF & FMS

Contact Info: Name: Kerry Platt Contact Type: Emergency Contact Email:

Not reported

kerry.platt2.nfg@mail.mil Home Phone :6784711077 24-hour Phone

Contact Type: Emergency Contact Email: Emergency Contact kerry.platt2.nfg@mail.mil

Phone1: 6784711077
Phone2: 4048037107
Phone3: Not reported
Phone4: Not reported

MAP FINDINGS Map ID

Direction Distance

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

**GAARNG WINDER AASF & FMS (Continued)** 

S117390598

Phone5: Not reported 2 Hazardous 1 least hazardous/4 most hazardous: Flammable 1 least flammable/4 most flammable: 2 Reactive 1 least reactive/4 very reactive: 0 Any characteristic over/above HF and R category:

3 AASF 1 (WINDER) UST U001474412 **ARMORY RD HWY 29 Financial Assurance** N/A **WINDER, GA 30680** < 1/8

1 ft.

Facility:

Lower Actual: 919 ft.

Relative:

72000 Facility Id: Facility Status: Inactive Facility Type: Federal Military District: Not reported Owner Name: USPFO FOR GA Contact ID: Not reported PO BOX 17882 Owner Address: Owner City: **ATLANTA** Owner State: GA Owner Zip: 30316 404 6246500 Owner Telephone:

Tank:

Tank ID:

Tank Status: Removed from Ground

Tank Material: Bare Steel Pipe Type: Not reported Tank Overfill Type: Not reported Install Date: 11/07/1973 Facility ID: 72000 Status Date: Not reported Product: Other Pipe Material: Unknown Overfill Protection: Not reported Overfill Installed: Not reported Tank Exempt From Spill: Not reported Date Spill Device Installed: Not reported

Tank ID:

Tank Status: Removed from Ground

Bare Steel Tank Material: Not reported Pipe Type: Tank Overfill Type: Not reported Install Date: 11/07/1973 72000 Facility ID: Status Date: Not reported Product: Other Pipe Material: Unknown Overfill Protection: Not reported Overfill Installed: Not reported Tank Exempt From Spill: Not reported Date Spill Device Installed: Not reported

1

GA Financial Assurance 1:

Region:

MAP FINDINGS Map ID

Direction Distance

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

AASF 1 (WINDER) (Continued) U001474412

Facility ID: 72000 Self Insured Financial Responsiblity:

**ALLDA AIR** UST U001919919 SSE WINDER BARROW CO AIRPORT **Financial Assurance** N/A

Not reported

1/8-1/4 **WINDER, GA 30680** 

0.147 mi. 776 ft.

Relative: Facility:

Lower 9007009 Facility Id: Facility Status: Inactive Actual: 918 ft. Facility Type: Airline District: Not reported Owner Name: Not reported Contact ID: Not reported Owner Address: Not reported

> Owner State: GΑ

Not reported Owner Zip: Owner Telephone: Not reported

Tank:

Owner City:

Tank ID:

Tank Status: Removed from Ground Tank Material: Marked Unknown Pipe Type: Not reported Not reported Tank Overfill Type: 01/05/1992 Install Date: Facility ID: 9007009 Status Date: Not reported Product: Gas (Historical Use)

Pipe Material: Unknown Overfill Protection: Not reported Overfill Installed: Not reported Tank Exempt From Spill: Not reported Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Region:

Facility ID: 9007009 Financial Responsiblity: Not reported

**B5 PALM HARBOR HOMES** SEMS-ARCHIVE 1001114857 GA0001401884

**ESE** 976 AIRPORT ROAD 1/4-1/2 **WINDER, GA 30680** 

0.271 mi.

1429 ft. Site 1 of 2 in cluster B

Relative: SEMS Archive:

Lower Site ID: 0406482 EPA ID: GA0001401884 Actual:

Cong District: 10 905 ft. FIPS Code: 13013 FF: Ν

Direction Distance

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

## **PALM HARBOR HOMES (Continued)**

1001114857

NPL: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Latitude: 33.993333 Longitude: -83.716667

SEMS Archive Detail:

04 Region: Site ID: 0406482 EPA ID: GA0001401884

Site Name: PALM HARBOR HOMES

NPL: Ν FF: Ν OU: 00 Action Code: DS **DISCVRY** Action Name:

SEQ:

Start Date: 1996-03-13 05:00:00 1996-03-13 05:00:00 Finish Date: Qual: Not reported USCG **Current Action Lead:** 

04 Region: Site ID: 0406482 EPA ID: GA0001401884

PALM HARBOR HOMES Site Name:

NPL: Ν FF: Ν OU: 00 Action Code: VS

**ARCH SITE** Action Name:

SEQ:

Start Date: 2017-03-24 04:00:00 Finish Date: 2017-03-24 04:00:00 Qual: Not reported **Current Action Lead:** EPA Perf In-Hse

Region: 04 0406482 Site ID: EPA ID: GA0001401884

PALM HARBOR HOMES Site Name:

NPL: N FF: Ν OU: 00 Action Code: PΑ Action Name: PΑ SEQ:

Start Date: Not reported 1996-11-19 05:00:00 Finish Date:

Qual: Ν **Current Action Lead:** St Perf

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

B6 PALM HARBOR HOMES (FORMER) LUST U002080480

ESE 976 AIRPORT RD UST N/A

1/4-1/2 WINDER, GA 30680 Financial Assurance

0.271 mi.

1429 ft. Site 2 of 2 in cluster B

 Relative:
 LUST:

 Lower
 Facility ID:
 09007014

 Actual:
 Leak ID:
 Not reported

 905 ft.
 Description:
 Not reported

Cleanup Status: NFA - No Further Action

Date Received: 12/12/1994
Project Officer: William Logan

Project Name: UST - 1 - PALM HARBOR HOMES (FORMER)

Site Code Description: Owner/Operator funded site

No Further Action Date: 11/15/2001

Facility:

9007014 Facility Id: Facility Status: Inactive Facility Type: Commercial District: Not reported Owner Name: Not reported Contact ID: Not reported Owner Address: Not reported Not reported Owner City: Owner State: GΑ

Owner Zip: Not reported
Owner Telephone: Not reported

Tank:

Tank ID:

Tank Status: Removed from Ground Tank Material: Not Marked/Unknown

Pipe Type: Not reported Tank Overfill Type: Not reported Install Date: 03/01/1995 Facility ID: 9007014 Status Date: Not reported Product: Gas (Historical Use) Pipe Material: Not Marked Overfill Protection: Not reported Overfill Installed: Not reported Tank Exempt From Spill: Not reported Date Spill Device Installed: Not reported

Tank ID: 2

Tank Status: Removed from Ground Tank Material: Not Marked/Unknown

Pipe Type: Not reported Tank Overfill Type: Not reported 03/20/1995 Install Date: Facility ID: 9007014 Status Date: Not reported Gas (Historical Use) Product: Pipe Material: Not Marked Overfill Protection: Not reported Overfill Installed: Not reported Tank Exempt From Spill: Not reported

MAP FINDINGS Map ID

Direction Distance

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

## PALM HARBOR HOMES (FORMER) (Continued)

U002080480

Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Region:

Facility ID: 9007014 Financial Responsiblity: Not reported

**BARROW COUNTY AIRPORT** LUST 1006778576 N/A

wsw 839 RONALD WOOD RD UST **FINDS** 

1/4-1/2 **WINDER, GA 30680** 0.287 mi.

**Financial Assurance** 

1513 ft.

Relative: LUST:

Higher 09007021 Facility ID: Leak ID: Not reported Actual: Description: Not reported 933 ft. Cleanup Status: NFA - Clean Closure

Date Received: Not reported Project Officer: William Logan

Project Name: UST - CLOSURE2 - BARROW COUNTY AIRPORT Site Code Description: Potential GUST trust fund reimbursement site

No Further Action Date: 12/05/2005

Facility ID: 09007021 Leak ID: Not reported Description: Not reported Cleanup Status: NFA - Clean Closure Date Received: Not reported Project Officer: **EPD Migration** 

**UST - CLOSURE - BARROW COUNTY AIRPORT** Project Name:

Owner/Operator funded site Site Code Description:

05/04/1999 No Further Action Date:

Facility ID: 09007021 Leak ID: Not reported Description: Not reported Cleanup Status: NFA - Clean Closure Date Received: Not reported Project Officer: **EPD Migration** 

UST - CLOSURE1 - BARROW COUNTY AIRPORT Project Name:

Owner/Operator funded site Site Code Description:

No Further Action Date: 04/16/2001

Facility:

Facility Id: 9007021 Facility Status: Inactive Facility Type: Aircraft Owner District: Not reported ROMANAIR INC Owner Name: Contact ID: Not reported

839 RONALD WOOD RD Owner Address:

Owner City: WINDER Owner State: GΑ 30680 Owner Zip: Owner Telephone: 770 8674001

MAP FINDINGS Map ID Direction

Distance Elevation

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

## **BARROW COUNTY AIRPORT (Continued)**

1006778576

**EDR ID Number** 

Tank:

Tank ID:

Tank Status: Removed from Ground

Tank Material: **Fiberglass** 

Pipe Type: Safe Suction (Euro) Tank Overfill Type: Not reported Install Date: 01/01/1976 Facility ID: 9007021 Status Date: Not reported Product: Other Pipe Material: **Double Walled** Overfill Protection: Not reported Overfill Installed: 12/22/1998 Tank Exempt From Spill: Not reported Date Spill Device Installed: 12/22/1998

Tank ID:

Tank Status: Closed in Ground Tank Material: Fiberglass

Safe Suction (Euro) Pipe Type: Tank Overfill Type: Not reported Install Date: 01/01/1976 Facility ID: 9007021 Status Date: Not reported Product: Other

Pipe Material: Cathodically Protected

Overfill Protection: Not reported Overfill Installed: 12/22/1998 Tank Exempt From Spill: Not reported Date Spill Device Installed: 12/22/1998

Tank ID:

Tank Status: Removed from Ground

Tank Material: Bare Steel

Safe Suction (Euro) Pipe Type: Tank Overfill Type: Not reported Install Date: 07/01/1998 Facility ID: 9007021 Status Date: Not reported Gas (Historical Use) Product:

Pipe Material: Bare Steel Overfill Protection: Not reported Overfill Installed: Not reported Tank Exempt From Spill: Not reported Date Spill Device Installed: Not reported

FINDS:

Registry ID: 110013479093

Environmental Interest/Information System

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

Direction Distance

Elevation Site Database(s) EPA ID Number

## **BARROW COUNTY AIRPORT (Continued)**

1006778576

**EDR ID Number** 

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

GA Financial Assurance 1:

Region: 1

Facility ID: 9007021

Financial Responsibility: G.U.S.T. Trust Fund

8 MCCONWAY & TORLEY, LLC 2494 LUST S107752177
South 880 AIRPORT ROAD AIRS N/A

1/4-1/2 WINDER, GA 30680 NPDES 0.288 mi. TIER 2

1521 ft.

Relative: LUST:

 Higher
 Facility ID:
 00070085

 Actual:
 Leak ID:
 Not reported

 929 ft.
 Description:
 Not reported

Cleanup Status: NFA - No Further Action

Date Received: 05/07/1998
Project Officer: EPD Migration

Project Name: UST - 1 - THRALL CAR MANUFACTURING CO Site Code Description: Potential GUST trust fund reimbursement site

No Further Action Date: 12/17/1998

AIRS:

Record Type: Not reported State County FIPS: Not reported State Facility Id: 301300018 Facility Registry Id: Not reported Facility Category: Not reported Not reported Oris Facility code: SIC Primary: Not reported NAICS Primary: Not reported Dun&Bradstreet Number: Not reported Not reported Tri Id number: Not reported NTI Site id: Not reported Facility County: Site Description: Not reported Submittal Flag: Not reported Tribal Code: Not reported AIRS Number: 041301300018

Operational Status: O SIC Code: 3743

Contact Name: RICK A. THACKER

Contact Company: THRAL CAR MANUFACTURING CO.

Contact Telephone: 7703829400

Contact Telephone 2: N/A
Contact Fax: N/A

Contact Email: rick.thacker@trinityrail.com
Contact Address: 190 OLD GRASSDALE RD, NW

Contact Address 2: N/A

Contact City, St, Zip: CARTERSVILLE, GA 30121

Year: 06

Classification: Not reported Contact Type: Not reported

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

## MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

Permit Number: Not reported Issued Date: Not reported Latitude: 000000 Longitude: 000000

#### Control Device Information:

Not reported Year: Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported Emission Unit ID: Not reported Process ID: Not reported Pollutant Code: Not reported Primary Pct control Effiniency: Not reported Pct Capture Efficiency: Not reported Total Capture Control Efficiency: Not reported Primary Device Type Code: Not reported Secondary Device Type Code: Not reported Control System Description: Not reported Third Control Device Type Code: Not reported Fourth Control Device Type Code: Not reported Submittal Flag: Not reported Tribal Code: Not reported

#### Airs Emissions:

Not reported Year: Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Not reported Process Id: Pollutant Code: Not reported Emission Release Point ID: Not reported Start Date: Not reported End Date: Not reported Not reported Start Time: End Time: Not reported **Emission Numeric Value:** Not reported **Emission Unti Numerator:** Not reported **Emission Type:** Not reported Em Reliability Indicator: Not reported Factor Numeric Value: Not reported Factor Unit Numerator: Not reported Not reported Factor Unit Denominator: Not reported Material: Material Io: Not reported **Emission Calculation Method Code:** Not reported Ef Reliability Indicator: Not reported Rule Effectiveness: Not reported Rule Effectiveness Method: Not reported Hap Emissions Performance Level: Not reported Control Status: Not reported **Emission Data Level:** Not reported Submittal Flag: Not reported Tribal Code: Not reported Map ID MAP FINDINGS
Direction

Distance Elevation Site

Database(s)

Not reported

Not reported

Not reported Not reported S107752177

**EDR ID Number** 

**EPA ID Number** 

## MCCONWAY & TORLEY, LLC 2494 (Continued)

Airs EP: Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Emission Release Point ID: Not reported Process ID: Not reported Scc Number: Not reported Process Mact Code: Not reported **Emission Process Description:** Not reported Winter Throughtput Pct: Not reported Spring Throughtput Pct: Not reported Summer Throughtput Pct: Not reported Fall Throughtput Pct: Not reported Annual Average Days Per Week: Not reported Annual Average Weeks Per Year: Not reported Annual Average Hours Per Day: Not reported Annual Average Hours Per Year: Not reported **Heat Content:** Not reported Sulfur Content: Not reported

## Emission Release Points:

Process Mact compliance Status:

Ash Content:

Submittal Flag:

Tribal Code:

Year: Not reported Not reported Record Type: State County Fips: Not reported State Facility Identifier: Not reported Emission Release Point ID: Not reported Emission Release Point Type: Not reported Stack Height: Not reported Stack Diameter: Not reported Stack Fenceline Distance: Not reported Exit Gas Temperature: Not reported Exit Gas Velocity: Not reported Exit Gas Flowrate: Not reported X Coordinate: Not reported Y Coordinate: Not reported Utm Zone: Not reported X Y coordinate Type: Not reported Horizontal Area Fugitive: Not reported Release Height Fugitive: Not reported Fugitive Dimensions Unit: Not reported Emission Release Point Description: Not reported Submittal Flag: Not reported Horizontal Collection method Code: Not reported Horizontal Accuracy Measure: Not reported Horizontal Reference datum Code: Not reported Reference Point Code: Not reported Source Map scale Number: Not reported Coordinate Data source Code: Not reported Tribal Code: Not reported

Distance Elevation Site

e Database(s)

## MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

**EPA ID Number** 

Airs EU: Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Oris Boiler ID: Not reported Sic Unit Level: Not reported Naics Unit Level: Not reported Design Capacity: Not reported Design Capacity Unit Numerator: Not reported Design Capacity Unit Denominator: Not reported Max Nameplate Capacity: Not reported **Emission Unit Description:** Not reported Submittal Flag: Not reported Tribal Code: Not reported

#### **Process Annual Throughput:**

Year: Not reported Record Type: Not reported State County fips: Not reported State Facility identifier: Not reported Emission Unit id: Not reported Process ID: Not reported Start Date: Not reported End Date: Not reported Start Time: Not reported End Time: Not reported Actual Throughput: Not reported Throughput Unit numerator: Not reported Material: Not reported Material Io: Not reported Period Days per week: Not reported Period Weeks per period: Not reported Not reported Period Hours per day: Period Hours per period: Not reported Submittal Flag: Not reported Tribal Code: Not reported

## Transaction Table:

Year: Not reported Record Type: Not reported State County fips: Not reported Not reported Organization Name: Transaction Type: Not reported Inventory Year: Not reported Inventory Type code: Not reported Transaction Create date: Not reported Incremental Submission number: Not reported Not reported Reliability Indicator: **Transaction Comments:** Not reported Contact Person name: Not reported Not reported Contact Phone number: Telephone Number type name: Not reported Electronic Address text: Not reported Electronic Address type name: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

## MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

Record Type: Not reported State County FIPS: Not reported State Facility Id: 301300018 Facility Registry Id: Not reported Facility Category: Not reported Oris Facility code: Not reported SIC Primary: Not reported NAICS Primary: Not reported Dun&Bradstreet Number: Not reported Tri Id number: Not reported NTI Site id: Not reported Facility County: Not reported Site Description: Not reported Submittal Flag: Not reported Tribal Code: Not reported AIRS Number: 041301300018 Operational Status: Not reported SIC Code: 3743

Contact Name: RICK A. THACKER

Contact Company: THRAL CAR MANUFACTURING CO.

Contact Telephone: 7703829400

Contact Telephone 2: N/A
Contact Fax: N/A

Contact Email: rick.thacker@trinityrail.com
Contact Address: 190 OLD GRASSDALE RD, NW

Contact Address 2: N/A

Contact City,St,Zip: CARTERSVILLE, GA 30121

Year:

Classification:

Not reported
Contact Type:

Permit Number:

Issued Date:

Latitude:

Longitude:

Not reported
Not

#### Control Device Information:

Year: Not reported Record Type: Not reported State County Fips: Not reported Not reported State Facility Identifier: Emission Unit ID: Not reported Process ID: Not reported Pollutant Code: Not reported Primary Pct control Effiniency: Not reported Pct Capture Efficiency: Not reported Total Capture Control Efficiency: Not reported Primary Device Type Code: Not reported Secondary Device Type Code: Not reported Control System Description: Not reported Third Control Device Type Code: Not reported Fourth Control Device Type Code: Not reported Submittal Flag: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

Not reported

#### MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Airs Emissions:

Tribal Code:

Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Process Id: Not reported Pollutant Code: Not reported Emission Release Point ID: Not reported Not reported Start Date: End Date: Not reported Start Time: Not reported Not reported End Time: **Emission Numeric Value:** Not reported **Emission Unti Numerator:** Not reported Not reported **Emission Type:** Em Reliability Indicator: Not reported Factor Numeric Value: Not reported Not reported Factor Unit Numerator: Factor Unit Denominator: Not reported Material: Not reported Material Io: Not reported Emission Calculation Method Code: Not reported Ef Reliability Indicator: Not reported Rule Effectiveness: Not reported Rule Effectiveness Method: Not reported Hap Emissions Performance Level: Not reported Control Status: Not reported Not reported Emission Data Level: Submittal Flag: Not reported Tribal Code: Not reported

## Airs EP:

Not reported Year: Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported Not reported **Emission Unit ID:** Emission Release Point ID: Not reported Process ID: Not reported Not reported Scc Number: Process Mact Code: Not reported Emission Process Description: Not reported Winter Throughtput Pct: Not reported Spring Throughtput Pct: Not reported Summer Throughtput Pct: Not reported Fall Throughtput Pct: Not reported Annual Average Days Per Week: Not reported Annual Average Weeks Per Year: Not reported Annual Average Hours Per Day: Not reported Annual Average Hours Per Year: Not reported Heat Content: Not reported Sulfur Content: Not reported Ash Content: Not reported

Direction
Distance
Elevation

Site Database(s) EPA ID Number

#### MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Process Mact compliance Status: Not reported Submittal Flag: Not reported Tribal Code: Not reported

#### Emission Release Points:

Not reported Year: Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported Emission Release Point ID: Not reported Emission Release Point Type: Not reported Not reported Stack Height: Stack Diameter: Not reported Stack Fenceline Distance: Not reported Not reported Exit Gas Temperature: Exit Gas Velocity: Not reported Exit Gas Flowrate: Not reported X Coordinate: Not reported Y Coordinate: Not reported Utm Zone: Not reported Not reported X Y coordinate Type: Horizontal Area Fugitive: Not reported Release Height Fugitive: Not reported Fugitive Dimensions Unit: Not reported Emission Release Point Description: Not reported Submittal Flag: Not reported Horizontal Collection method Code: Not reported Horizontal Accuracy Measure: Not reported Horizontal Reference datum Code: Not reported Reference Point Code: Not reported Source Map scale Number: Not reported Coordinate Data source Code: Not reported Tribal Code: Not reported

### Airs EU:

Not reported Year: Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported Emission Unit ID: Not reported Oris Boiler ID: Not reported Sic Unit Level: Not reported Naics Unit Level: Not reported Design Capacity: Not reported Design Capacity Unit Numerator: Not reported Design Capacity Unit Denominator: Not reported Max Nameplate Capacity: Not reported **Emission Unit Description:** Not reported Submittal Flag: Not reported Tribal Code: Not reported

#### Process Annual Throughput:

Year: Not reported
Record Type: Not reported
State County fips: Not reported
State Facility identifier: Not reported

Distance Elevation

Site Database(s) EPA ID Number

## MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Emission Unit id: Not reported Process ID: Not reported Start Date: Not reported End Date: Not reported Start Time: Not reported Not reported End Time: Not reported Actual Throughput: Throughput Unit numerator: Not reported Material: Not reported Material lo: Not reported Period Days per week: Not reported Period Weeks per period: Not reported Period Hours per day: Not reported Period Hours per period: Not reported Submittal Flag: Not reported Tribal Code: Not reported

#### Transaction Table:

Year: Not reported Record Type: Not reported Not reported State County fips: Organization Name: Not reported Transaction Type: Not reported Inventory Year: Not reported Inventory Type code: Not reported Transaction Create date: Not reported Incremental Submission number: Not reported Reliability Indicator: Not reported **Transaction Comments:** Not reported Contact Person name: Not reported Not reported Contact Phone number: Telephone Number type name: Not reported Electronic Address text: Not reported Not reported Electronic Address type name: Not reported Source Type: Affiliation Type: Not reported Format Version: Not reported Tribal Code: Not reported

Not reported Record Type: State County FIPS: Not reported State Facility Id: 301300018 Facility Registry Id: Not reported Facility Category: Not reported Oris Facility code: Not reported SIC Primary: Not reported Not reported NAICS Primary: Dun&Bradstreet Number: Not reported Tri Id number: Not reported NTI Site id: Not reported Facility County: Not reported Not reported Site Description: Submittal Flag: Not reported Tribal Code: Not reported AIRS Number: 041301300018

Operational Status: O

Direction Distance Elevation

Site Database(s) EPA ID Number

#### MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

SIC Code: 3743

Contact Name: RICK A. THACKER

Contact Company: THRAL CAR MANUFACTURING CO.

Contact Telephone: 7703829400
Contact Telephone 2: N/A
Contact Fax: N/A

Contact Email: rick.thacker@trinityrail.com
Contact Address: 190 OLD GRASSDALE RD, NW

Contact Address 2: N/A

Contact City, St, Zip: CARTERSVILLE, GA 30121

Year:

Classification:

Not reported
Contact Type:

Permit Number:

Issued Date:

Latitude:

Not reported

#### Control Device Information:

Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Process ID: Not reported Pollutant Code: Not reported Primary Pct control Effiniency: Not reported Pct Capture Efficiency: Not reported Total Capture Control Efficiency: Not reported Primary Device Type Code: Not reported Secondary Device Type Code: Not reported Control System Description: Not reported Third Control Device Type Code: Not reported Fourth Control Device Type Code: Not reported Not reported Submittal Flag: Tribal Code: Not reported

#### Airs Emissions:

Not reported Year: Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Process Id: Not reported Not reported Pollutant Code: Emission Release Point ID: Not reported Start Date: Not reported End Date: Not reported Start Time: Not reported End Time: Not reported **Emission Numeric Value:** Not reported **Emission Unti Numerator:** Not reported **Emission Type:** Not reported Em Reliability Indicator: Not reported Factor Numeric Value: Not reported Factor Unit Numerator: Not reported Factor Unit Denominator: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

#### MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Material: Not reported Material lo: Not reported Emission Calculation Method Code: Not reported Ef Reliability Indicator: Not reported Rule Effectiveness: Not reported Rule Effectiveness Method: Not reported Hap Emissions Performance Level: Not reported Control Status: Not reported **Emission Data Level:** Not reported Submittal Flag: Not reported Tribal Code: Not reported

Airs EP:

Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported **Emission Unit ID:** Not reported Emission Release Point ID: Not reported Process ID: Not reported Not reported Scc Number: Process Mact Code: Not reported **Emission Process Description:** Not reported Winter Throughtput Pct: Not reported Spring Throughtput Pct: Not reported Summer Throughtput Pct: Not reported Fall Throughtput Pct: Not reported Annual Average Days Per Week: Not reported Annual Average Weeks Per Year: Not reported Annual Average Hours Per Day: Not reported Annual Average Hours Per Year: Not reported Heat Content: Not reported Sulfur Content: Not reported Not reported Ash Content: Process Mact compliance Status: Not reported Submittal Flag: Not reported Tribal Code: Not reported

## Emission Release Points:

Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported Emission Release Point ID: Not reported Emission Release Point Type: Not reported Stack Height: Not reported Stack Diameter: Not reported Stack Fenceline Distance: Not reported Not reported Exit Gas Temperature: Exit Gas Velocity: Not reported Exit Gas Flowrate: Not reported X Coordinate: Not reported Y Coordinate: Not reported Utm Zone: Not reported X Y coordinate Type: Not reported Horizontal Area Fugitive: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

#### MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Release Height Fugitive: Not reported Fugitive Dimensions Unit: Not reported Emission Release Point Description: Not reported Submittal Flag: Not reported Horizontal Collection method Code: Not reported Horizontal Accuracy Measure: Not reported Horizontal Reference datum Code: Not reported Reference Point Code: Not reported Not reported Source Map scale Number: Coordinate Data source Code: Not reported Tribal Code: Not reported

Airs EU:

Year: Not reported Record Type: Not reported State County Fips: Not reported State Facility Identifier: Not reported Emission Unit ID: Not reported Oris Boiler ID: Not reported Sic Unit Level: Not reported Not reported Naics Unit Level: Design Capacity: Not reported Design Capacity Unit Numerator: Not reported Design Capacity Unit Denominator: Not reported Max Nameplate Capacity: Not reported **Emission Unit Description:** Not reported Submittal Flag: Not reported Tribal Code: Not reported

### Process Annual Throughput:

Year: Not reported Record Type: Not reported State County fips: Not reported State Facility identifier: Not reported Emission Unit id: Not reported Process ID: Not reported Start Date: Not reported End Date: Not reported Start Time: Not reported End Time: Not reported Not reported Actual Throughput: Throughput Unit numerator: Not reported Not reported Material: Not reported Material Io: Period Days per week: Not reported Period Weeks per period: Not reported Period Hours per day: Not reported Period Hours per period: Not reported Submittal Flag: Not reported Tribal Code: Not reported

#### Transaction Table:

Year: Not reported Record Type: Not reported State County fips: Not reported Organization Name: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

## MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Transaction Type: Not reported Inventory Year: Not reported Inventory Type code: Not reported Transaction Create date: Not reported Incremental Submission number: Not reported Reliability Indicator: Not reported Not reported **Transaction Comments:** Contact Person name: Not reported Contact Phone number: Not reported Telephone Number type name: Not reported Electronic Address text: Not reported Electronic Address type name: Not reported Source Type: Not reported Affiliation Type: Not reported Format Version: Not reported Tribal Code: Not reported

#### NPDES:

NPDES Id: Not reported
Notice of Intent Num: 12136
Facility Type Desc: Not reported
NOI Type: Notice of Intent
River Basin: Not reported
Permit Sub Type: Not reported

## GA TIER 2:

Reporting Year: 2015
Facility ID: 5382931
Facility Country: Not reported

Company Name: McConway & Torley, LLC

Date Submitted: 02/09/2016 Filing Type: 302; 312 SIC Code: Not reported NAICS Code: 336510 Dun&Bradstreet Code: 003061470 Chemicals Same as Last Year: Not reported Data Tier 2 Signed: Not reported Dikes/Saveguard Measures: Not reported Facility Department: Not reported Facility Date Modified: 02/09/2016 State Fees Total: Not reported Mailing Address: Not reported Mailing City, St, Zip: Not reported Mailing Country: Not reported Latitude: 33.89479 Longitude: -83.869119 Lat/Long Location Desc: Not reported Lat/Long Method: Not reported Number Employees on Site: Not reported Site Coordinate Abbrvtns Sbmttd: Not reported Fire District: Not reported Notes: Not reported Validity: Not reported

## Inventory:

Facility Id: 5382931

Distance Elevation Site

Site Database(s) EPA ID Number

#### MCCONWAY & TORLEY, LLC 2494 (Continued)

S107752177

**EDR ID Number** 

Year: 2015 Chemical Inventory ID: Not reported Acute Health Risks: True Average Daily Amount: 9999.0 Average Daily Amount Code: Not reported CB Record ID: Not reported Chemical Same as Last Year: Not reported Chronic Health Risk: True CAS Number: 7440371 EHS Substance: Not reported Last Modified: Not reported Not reported Days on Site: Chemical Name: Argon Fire Hazard: True Gas: True Liquid: True Max Daily Amount: 49999.0 Max Daily Amount Code: Not reported Max Amount in Largest Container: Not reported Mixture Form: False Sudden Release of Pressure Hazard: True Pure Form: True Reactive Hazard: False

Solid: False Facility Name: McConway & Torley, LLC 2494

Contact Info: Michael Garritano

Contact Type: Fac. Emergency Coordinator Email: michael/garritano@trin.net

Phone1: 412-298-4479
Phone2: 412-298-4479
Phone3: Not reported
Phone4: Not reported
Phone5: Not reported

Hazardous 1 least hazardous/4 most hazardous:

Not reported
Flammable 1 least flammable/4 most flammable:

Not reported
Reactive 1 least reactive/4 very reactive:

Not reported

Any characteristic over/above H F and R category:

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
WINDER	U001474413	GA ARNG OMS #8	WINDER-BARROW AIRPORT	30680	LUST, UST, Financial Assurance

## **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

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: 03/11/2019 Source: EPA Date Data Arrived at EDR: 03/14/2019 Telephone: N/A

Date Made Active in Reports: 04/01/2019 Last EDR Contact: 03/14/2019

Number of Days to Update: 18 Next Scheduled EDR Contact: 04/15/2019 Data Release Frequency: Quarterly

**NPL Site Boundaries** 

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: 03/11/2019 Date Data Arrived at EDR: 03/14/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 18

Source: EPA Telephone: N/A

Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 04/15/2019 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: 03/11/2019 Date Data Arrived at EDR: 03/14/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 18

Source: EPA Telephone: N/A

Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 04/15/2019 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: 01/04/2019

Next Scheduled EDR Contact: 04/15/2019 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: 02/06/2019 Date Data Arrived at EDR: 02/15/2019 Date Made Active in Reports: 03/15/2019

Number of Days to Update: 28

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 04/29/2019 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: 02/06/2019 Date Data Arrived at EDR: 02/15/2019 Date Made Active in Reports: 03/15/2019

Number of Days to Update: 28

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 04/29/2019 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: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 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: (404) 562-8651 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019
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: (404) 562-8651

Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 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: (404) 562-8651 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019
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: (404) 562-8651 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 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: 10/17/2018 Date Data Arrived at EDR: 10/25/2018 Date Made Active in Reports: 12/07/2018

Number of Days to Update: 43

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/07/2019

Next Scheduled EDR Contact: 05/27/2019 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: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/04/2019

Next Scheduled EDR Contact: 06/10/2019 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: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/04/2019

Next Scheduled EDR Contact: 06/10/2019

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: 02/04/2019 Date Data Arrived at EDR: 02/08/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 28

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

### State- and tribal - equivalent CERCLIS

SHWS: Hazardous Site Inventory

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: 07/01/2018 Date Data Arrived at EDR: 07/06/2018 Date Made Active in Reports: 08/13/2018

Number of Days to Update: 38

Source: Department of Environmental Protection

Telephone: 404-657-8600 Last EDR Contact: 03/29/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Annually

NON HSI: Non-Hazardous Site Inventory

This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 02/26/2019

Number of Days to Update: 40

Source: Rindt-McDuff Associates, Inc.

Telephone: N/A

Last EDR Contact: 01/07/2019

Next Scheduled EDR Contact: 04/22/2019 Data Release Frequency: Annually

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

SWF/LF: Solid Waste Disposal 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: 10/11/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 12/20/2017

Number of Days to Update: 49

Source: Department of Natural Resources

Telephone: 404-362-2696

Source: Center for GIS, Georgia Institute of Technology

Telephone: 404-385-0900 Last EDR Contact: 01/10/2019

Next Scheduled EDR Contact: 05/13/2019 Data Release Frequency: Semi-Annually

### State and tribal leaking storage tank lists

LUST: List of Leaking Underground Storage Tanks

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: 01/14/2019 Date Data Arrived at EDR: 02/28/2019 Date Made Active in Reports: 04/04/2019

Number of Days to Update: 35

Source: Environmental Protection Division

Telephone: 404-362-2687 Last EDR Contact: 03/15/2019

Next Scheduled EDR Contact: 06/24/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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 Last EDR Contact: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 Data Release Frequency: Varies

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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/05/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/25/2019

Next Scheduled EDR Contact: 04/22/2019 Data Release Frequency: Varies

UST: Underground Storage Tank Database

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: 01/14/2019 Date Data Arrived at EDR: 02/28/2019 Date Made Active in Reports: 03/06/2019

Number of Days to Update: 6

Source: Environmental Protection Division

Telephone: 404-362-2687 Last EDR Contact: 03/15/2019

Next Scheduled EDR Contact: 06/24/2019 Data Release Frequency: Annually

AST: Above Ground Storage Tanks

A listing of LP gas tank site locations.

Date of Government Version: 06/04/2012 Date Data Arrived at EDR: 06/05/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 9

Source: Office of Insurance & Safety Fire Commissioner

Telephone: 404-656-5875 Last EDR Contact: 03/18/2019

Next Scheduled EDR Contact: 06/03/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019

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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/05/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019 Data Release Frequency: Varies

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

AUL: Uniform Environmental Covenants
A list of environmental covenants

Date of Government Version: 09/11/2018 Date Data Arrived at EDR: 11/06/2018 Date Made Active in Reports: 12/03/2018

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: 404-657-8600 Last EDR Contact: 02/08/2019

Next Scheduled EDR Contact: 05/20/2019 Data Release Frequency: Varies

INST CONTROL: Public Record List

Sites on the Public Record Listing that have institutional controls or limitations on use are sites with Risk

Reduction Standards of 3, 4, and 5.

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 02/20/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 42

Source: Department of Natural Resources

Telephone: 404-657-8600 Last EDR Contact: 02/20/2019

Next Scheduled EDR Contact: 05/20/2019

Data Release Frequency: Varies

### State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program site

Georgia's Voluntary Remediation Program Act was created to encourage voluntary investigation and remediation of contaminated properties.

Date of Government Version: 02/02/2019 Date Data Arrived at EDR: 02/27/2019 Date Made Active in Reports: 04/04/2019

Number of Days to Update: 36

Source: DNR

Telephone: 404-657-8600 Last EDR Contact: 02/27/2019

Next Scheduled EDR Contact: 06/10/2019 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: 03/25/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Varies

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

#### State and tribal Brownfields sites

**BROWNFIELDS: Brownfields Public Record List** 

The Brownfields Public Record lists properties where response actions under the Georgia Hazardous Site Reuse and Redevelopment Act are planned, ongoing or completed.

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 02/20/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 42

Source: Department of Natural Resources

Telephone: 404-657-8600 Last EDR Contact: 02/20/2019

Next Scheduled EDR Contact: 05/20/2019 Data Release Frequency: Varies

#### 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: 12/17/2018 Date Data Arrived at EDR: 12/18/2018 Date Made Active in Reports: 01/11/2019

Number of Days to Update: 24

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/19/2019

Next Scheduled EDR Contact: 07/01/2019 Data Release Frequency: Semi-Annually

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

HIST LF: Historical Landfills

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003 Date Data Arrived at EDR: 01/20/2004 Date Made Active in Reports: 02/06/2004

Number of Days to Update: 17

Source: Department of Natural Resources

Telephone: 404-362-2696 Last EDR Contact: 01/20/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

SWRCY: Recycling Center Listing
A listing of recycling facility locations.

Date of Government Version: 02/01/2019 Date Data Arrived at EDR: 03/28/2019 Date Made Active in Reports: 04/04/2019

Number of Days to Update: 7

Source: Department of Community Affairs

Telephone: 404-679-1598 Last EDR Contact: 03/25/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Varies

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: 01/29/2019

Next Scheduled EDR Contact: 05/13/2019 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: 01/17/2019

Next Scheduled EDR Contact: 05/06/2019
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: 02/01/2019

Next Scheduled EDR Contact: 05/13/2019

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: 09/21/2018 Date Data Arrived at EDR: 09/21/2018 Date Made Active in Reports: 11/09/2018

Number of Days to Update: 49

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/21/2019

Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of clandestine drug lab site locations in the state.

Date of Government Version: 06/02/2016 Date Data Arrived at EDR: 06/13/2016 Date Made Active in Reports: 08/15/2016

Number of Days to Update: 63

Source: Georgia Bureau of Investigation

Telephone: 404-244-2639 Last EDR Contact: 02/11/2019

Next Scheduled EDR Contact: 05/27/2019 Data Release Frequency: Varies

DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2018 Date Data Arrived at EDR: 07/06/2018 Date Made Active in Reports: 08/13/2018

Number of Days to Update: 38

Source: Department of Natural Resources

Telephone: 404-657-8636 Last EDR Contact: 03/29/2019

Next Scheduled EDR Contact: 07/08/2019 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: 09/21/2018 Date Data Arrived at EDR: 09/21/2018 Date Made Active in Reports: 11/09/2018

Number of Days to Update: 49

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/21/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Quarterly

### Local Land Records

#### 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: 03/11/2019 Date Data Arrived at EDR: 03/14/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 05/06/2019 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: 02/08/2019 Date Data Arrived at EDR: 02/08/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 41

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

#### SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 12/20/2018 Date Data Arrived at EDR: 12/26/2018 Date Made Active in Reports: 02/05/2019

Number of Days to Update: 41

Source: Department of Natural Resources

Telephone: 770-387-4900 Last EDR Contact: 03/25/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

### 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: 10/04/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/11/2013

Number of Days to Update: 39

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: (404) 562-8651 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 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: 04/03/2019

Next Scheduled EDR Contact: 06/03/2019 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: 01/11/2019

Next Scheduled EDR Contact: 04/22/2019 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: 01/11/2019

Next Scheduled EDR Contact: 04/22/2019

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: 02/15/2019

Next Scheduled EDR Contact: 05/27/2019 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: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 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: 02/08/2019

Next Scheduled EDR Contact: 05/20/2019 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: 02/08/2019

Next Scheduled EDR Contact: 05/20/2019 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: 03/22/2019

Next Scheduled EDR Contact: 07/01/2019 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: 02/20/2019

Next Scheduled EDR Contact: 06/03/2019 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: 03/25/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/11/2019 Date Data Arrived at EDR: 03/14/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 18

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 06/17/2019 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: 02/01/2019 Date Data Arrived at EDR: 02/14/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/22/2019

Next Scheduled EDR Contact: 05/06/2019

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: 08/13/2018 Date Data Arrived at EDR: 10/04/2018 Date Made Active in Reports: 11/09/2018

Number of Days to Update: 36

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 05/20/2019 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: 09/14/2018 Date Data Arrived at EDR: 10/11/2018 Date Made Active in Reports: 12/07/2018

Number of Days to Update: 57

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/11/2019

Next Scheduled EDR Contact: 04/22/2019 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: 01/07/2019

Next Scheduled EDR Contact: 04/22/2019 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: 01/22/2019

Next Scheduled EDR Contact: 05/06/2019 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: 03/07/2019

Next Scheduled EDR Contact: 06/17/2019 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: 03/05/2019

Next Scheduled EDR Contact: 06/17/2019 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: 01/25/2019

Next Scheduled EDR Contact: 05/06/2019 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: 01/02/2019 Date Data Arrived at EDR: 01/03/2019 Date Made Active in Reports: 03/15/2019

Number of Days to Update: 71

Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 04/02/2019

Next Scheduled EDR Contact: 07/15/2019 Data Release Frequency: Quarterly

Data Nelease Frequency. Quarter

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: 12/03/2018 Date Data Arrived at EDR: 01/29/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 01/29/2019

Next Scheduled EDR Contact: 05/11/2019 Data Release Frequency: Quarterly

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: 12/31/2018 Date Data Arrived at EDR: 02/11/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 01/07/2019

Next Scheduled EDR Contact: 04/22/2019 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: 02/13/2019

Next Scheduled EDR Contact: 06/03/2019 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: 01/07/2019

Next Scheduled EDR Contact: 04/22/2019 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: 01/31/2019

Next Scheduled EDR Contact: 05/20/2019

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: 02/22/2019

Next Scheduled EDR Contact: 06/03/2019 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019 Date Data Arrived at EDR: 03/14/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 03/14/2019

Next Scheduled EDR Contact: 04/15/2019

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: 11/27/2018 Date Data Arrived at EDR: 02/27/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/27/2019

Next Scheduled EDR Contact: 06/10/2019 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: 03/01/2019

Next Scheduled EDR Contact: 06/10/2019 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: 03/01/2019

Next Scheduled EDR Contact: 06/10/2019 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: 03/21/2019

Next Scheduled EDR Contact: 06/24/2019 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: 02/15/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 03/15/2019

Number of Days to Update: 10

Source: EPA

Telephone: (404) 562-9900 Last EDR Contact: 03/05/2019

Next Scheduled EDR Contact: 06/17/2019 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: 03/03/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 03/05/2019

Next Scheduled EDR Contact: 06/17/2019 Data Release Frequency: Quarterly

### 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: 03/01/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 74

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 01/14/2019

Next Scheduled EDR Contact: 04/29/2019 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: 02/19/2019 Date Data Arrived at EDR: 02/21/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 39

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/21/2019

Next Scheduled EDR Contact: 06/03/2019 Data Release Frequency: Quarterly

AIRS: Permitted Facility & Emissions Listing

A listing of permitted Air facilities and emissions data.

Date of Government Version: 02/14/2019 Date Data Arrived at EDR: 02/19/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 43

Source: Department of Natural Resources

Telephone: 404-363-7000 Last EDR Contact: 02/13/2019

Next Scheduled EDR Contact: 06/03/2019 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing A listing of coal ash landfills.

Date of Government Version: 08/01/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 09/02/2014

Number of Days to Update: 28

Source: Department of Natural Resources

Telephone: 404-362-2537 Last EDR Contact: 02/11/2019

Next Scheduled EDR Contact: 05/11/2019 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.

Date of Government Version: 12/22/2014 Date Data Arrived at EDR: 12/23/2014 Date Made Active in Reports: 01/27/2015

Number of Days to Update: 35

Source: Department of Natural Resources

Telephone: 404-363-7000 Last EDR Contact: 01/31/2019

Next Scheduled EDR Contact: 05/20/2019 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities.

Date of Government Version: 01/14/2019 Date Data Arrived at EDR: 02/28/2019 Date Made Active in Reports: 03/06/2019

Number of Days to Update: 6

Source: Department of Natural Resources

Telephone: 404-362-4892 Last EDR Contact: 03/15/2019

Next Scheduled EDR Contact: 06/24/2019 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information listing for solid waste facilities.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 8

Source: Department of Natural Resources

Telephone: 404-362-2537 Last EDR Contact: 03/25/2019

Next Scheduled EDR Contact: 06/24/2019 Data Release Frequency: Varies

NPDES: NPDES Wastewater Permit List

A listing of NPDES wastewater permits issued by the Watershed Protection Branch.

Date of Government Version: 01/31/2019 Date Data Arrived at EDR: 02/05/2019 Date Made Active in Reports: 04/04/2019

Number of Days to Update: 58

Source: Department of Natural Resoruces

Telephone: 404-362-2680 Last EDR Contact: 02/05/2019

Next Scheduled EDR Contact: 05/20/2019 Data Release Frequency: Varies

TIER 2: Tier 2 Data 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: 11/21/2018 Date Made Active in Reports: 12/03/2018

Number of Days to Update: 12

Source: Department of Natural Resources

Telephone: 404-656-4852 Last EDR Contact: 02/22/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Annually

UIC: Underground Injection Control Underground injection control

> Date of Government Version: 09/13/2018 Date Data Arrived at EDR: 09/14/2018 Date Made Active in Reports: 11/01/2018

Number of Days to Update: 48

Source: Department of Natural Resources

Telephone: 404-463-2382 Last EDR Contact: 03/11/2019

Next Scheduled EDR Contact: 06/24/2019

Data Release Frequency: Varies

### **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 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

Number of Days to Update: 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 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

Number of Days to Update: N/A

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 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: 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 Environmental Protection in Georgia.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills 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 Georgia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

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 Environmental Protection Division in Georgia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Environmental Protection Division

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: 02/11/2019 Date Data Arrived at EDR: 02/12/2019 Date Made Active in Reports: 03/04/2019 Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 02/12/2019

Number of Days to Update: 20

Next Scheduled EDR Contact: 05/27/2019
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: 01/07/2019

Next Scheduled EDR Contact: 04/22/2019 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: 01/01/2019 Date Data Arrived at EDR: 01/30/2019 Date Made Active in Reports: 02/14/2019

Number of Days to Update: 15

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 01/30/2019

Next Scheduled EDR Contact: 05/11/2019 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 10/23/2018 Date Made Active in Reports: 11/27/2018

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 01/11/2019

Next Scheduled EDR Contact: 04/29/2019 Data Release Frequency: Annually

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: 02/19/2019

Next Scheduled EDR Contact: 06/03/2019 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: 03/11/2019

Next Scheduled EDR Contact: 06/24/2019 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

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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 Centers
Source: Department of Human Resources

Telephone: 404-651-5562

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: Wetlands Inventory Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

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**

WINDER BARROW COUNTY AIRPORT 889 RONALD WOOD ROAD WINDER, GA 30680

### **TARGET PROPERTY COORDINATES**

Latitude (North): 33.983403 - 33° 59' 0.25" Longitude (West): 83.670451 - 83° 40' 13.62"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 253302.4 UTM Y (Meters): 3763336.2

Elevation: 925 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 6046440 WINDER SOUTH, GA

Version Date: 2014

North Map: 6045681 WINDER NORTH, GA

Version Date: 2014

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).

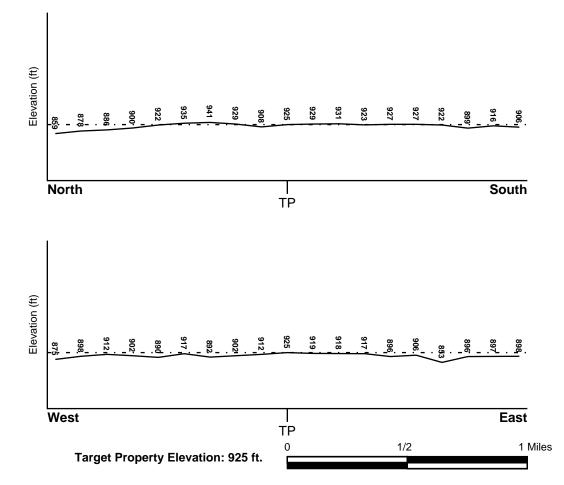
### **TOPOGRAPHIC INFORMATION**

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 West

#### 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

13013C0135C FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

13013C0127C FEMA FIRM Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

WINDER SOUTH 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: Metamorphic Rocks

System: Mississippian Series: migmatite

Code: mm3 (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).

#### 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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CECIL

Soil Surface Texture: sandy 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. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information									
	Boundary			Classification					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)		
1	0 inches	7 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50		
2	7 inches	11 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50		
3	11 inches	50 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50		
4	50 inches	75 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00		

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam

loam

fine sandy loam

Surficial Soil Types: sandy loam

loam

fine sandy loam

Shallow Soil Types: clay

sandy clay gravelly - loam

Deeper Soil Types: loamy fine sand

sandy loam weathered bedrock

### **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

 MAP ID
 WELL ID
 FROM TP

 A2
 USGS40000265943
 1/2 - 1 Mile NE

 3
 USGS40000265910
 1/2 - 1 Mile East

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

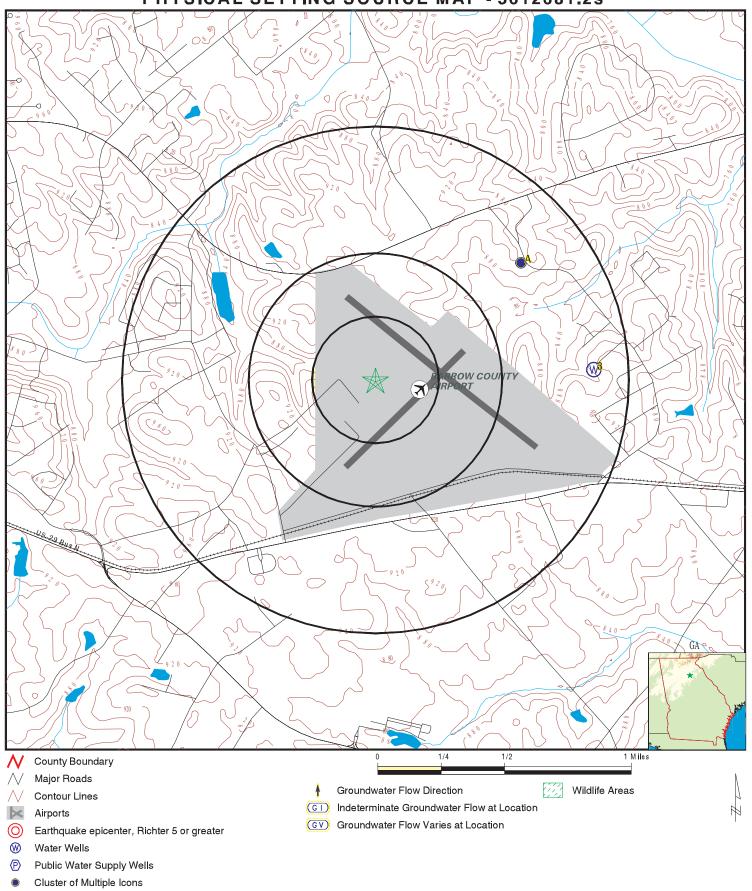
Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

 MAP ID
 WELL ID
 FROM TP

 A1
 0000000178
 1/2 - 1 Mile NE

### PHYSICAL SETTING SOURCE MAP - 5612681.2s



SITE NAME: Winder Barrow County Airport ADDRESS: 889 Ronald Wood Road

Winder GA 30680 LAT/LONG: 33.983403 / 83.670451 **AECOM** 

CLIENT: AECOM CONTACT: Brittany Kirchmann INQUIRY#: 5612681.2s DATE: April 05, 2019 10:31 am

### **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation

 Elevation
 Database
 EDR ID Number

 A1
 NE
 GA WELLS
 0000000178

 1/2 - 1 Mile
 1/2 - 1 Mile
 0000000178

Lower

Lower

Lower

County code: 013 Well num: 16FF11 ELDER, PAUL 335924 Remarks: Lat: NAD27 0833938 Latlon datum: Lon: NGVD29 Alt: 895.00 Alt datum: Depth: 240 Depth to casing: 43 Casing dia: 6 Casing matl: Not Reported Depth to top: 43 Depth to bot: 240

Casing dia: 6 Casing matl: Not Reported Depth to top: 43 Depth to bot: 240
Opening type: X Constr date: 19690101
Discharge: 20 Prim use: Not Reported Aquifer code: 320CRSL Edr id: 0000000178

Aquilor code. 02001.02

A2 NE FED USGS USGS40000265943 1/2 - 1 Mile

Organization ID: USGS-GA Organization Name: USGS Georgia Water Science Center

Monitor Location: 16FF11 Type: Well

Description:Not ReportedHUC:Not ReportedDrainage Area:Not ReportedDrainage Area Units:Not ReportedContrib Drainage Area:Not ReportedContrib Drainage Area Units:Not Reported

Aquifer: Piedmont and Blue Ridge crystalline-rock aquifers

Formation Type: Crystalline Rocks Aguifer Type: Not Reported

Construction Date: 19690101 Well Depth: 240 Well Depth Units: 19690101 Well Hole Depth: 240

Well Hole Depth Units: ft

Organization ID: USGS-GA Organization Name: USGS Georgia Water Science Center

Monitor Location: 16FF22 Type: Well Description: Not Reported HUC: 03070101 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Not Reported Formation Type: Not Reported Aquifer: Aquifer Type: Not Reported Construction Date: Not Reported Well Depth: Not Reported Well Depth Units: Not Reported Well Hole Depth: Well Hole Depth Units: Not Reported Not Reported

# GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for BARROW County: 2

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: 30680

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	1.767 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

### 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: Wetlands Inventory Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

### 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

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

### OTHER STATE DATABASE INFORMATION

**DNR Managed Lands** 

Source: Department of Natural Resources

Telephone: 706-557-3032

This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

### **RADON**

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

TC5612681.2s Page PSGR-2

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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Winder Barrow County Airport 889 Ronald Wood Road Winder, GA 30680

Inquiry Number: 5612681.2s

April 05, 2019

# **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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## **EXECUTIVE SUMMARY**

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**

889 RONALD WOOD ROAD WINDER, GA 30680

#### **COORDINATES**

Latitude (North): 33.9834030 - 33° 59' 0.25" Longitude (West): 83.6704510 - 83° 40' 13.62"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 253302.4 UTM Y (Meters): 3763336.2

Elevation: 925 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: 20151018 Source: USDA

# MAPPED SITES SUMMARY

Target Property Address: 889 RONALD WOOD ROAD WINDER, GA 30680

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
A1	ARMY AVIATION SUPPOR	889 RONALD WOOD RD	RCRA-SQG, FINDS, ECHO		TP
A2	GAARNG WINDER AASF &	889 RONALD WOOD ROAD	NPDES, TIER 2		TP
3	AASF 1 (WINDER)	ARMORY RD HWY 29	UST, Financial Assurance	Lower	1 ft.
4	ALLDA AIR	WINDER BARROW CO AIR	UST, Financial Assurance	Lower	776, 0.147, SSE
B5	PALM HARBOR HOMES	976 AIRPORT ROAD	SEMS-ARCHIVE	Lower	1429, 0.271, ESE
B6	PALM HARBOR HOMES (F	976 AIRPORT RD	LUST, UST, Financial Assurance	Lower	1429, 0.271, ESE
7	BARROW COUNTY AIRPOR	839 RONALD WOOD RD	LUST, UST, FINDS, Financial Assurance	Higher	1513, 0.287, WSW
8	MCCONWAY & TORLEY, L	880 AIRPORT ROAD	LUST, AIRS, NPDES, TIER 2	Higher	1521, 0.288, South

## **EXECUTIVE SUMMARY**

#### 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 SUPPOR 889 RONALD WOOD RD WINDER, GA 30680	RCRA-SQG EPA ID:: GAD981224512	GAD981224512		
	FINDS Registry ID:: 110007488655			
	ECHO Registry ID: 110007488655			
GAARNG WINDER AASF & 889 RONALD WOOD ROAD WINDER, GA 30680	NPDES TIER 2 Facility Id: 6090996	N/A		

#### **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.

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 02/06/2019 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PALM HARBOR HOMES	976 AIRPORT ROAD	ESE 1/4 - 1/2 (0.271 mi.)	B5	9

#### State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 01/14/2019 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BARROW COUNTY AIRPOR	839 RONALD WOOD RD	WSW 1/4 - 1/2 (0.287 mi.)	7	9

# **EXECUTIVE SUMMARY**

Cleanup Status: NFA - Clean Closure

Facility Id: 09007021

MCCONWAY & TORLEY, L 880 AIRPORT ROAD \$ 1/4 - 1/2 (0.288 mi.) 8 10

Cleanup Status: NFA - No Further Action

Facility Id: 00070085

Lower ElevationAddressDirection / DistanceMap IDPagePALM HARBOR HOMES (F976 AIRPORT RDESE 1/4 - 1/2 (0.271 mi.)B69

Cleanup Status: NFA - No Further Action

Facility Id: 09007014

#### State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 01/14/2019 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

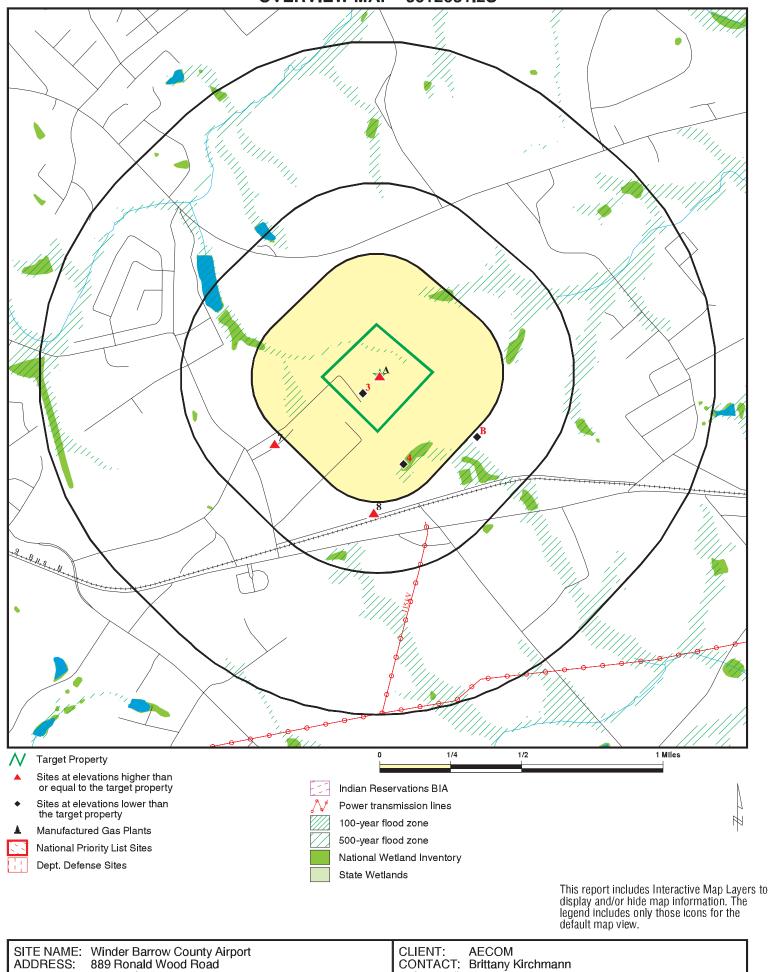
Lower Elevation	Address	Direction / Distance	Map ID	Page	
AASF 1 (WINDER) Status: Removed from Ground Facility Status: Inactive Facility Id: 72000	ARMORY RD HWY 29	0 - 1/8 (0.000 mi.)	3	8	
ALLDA AIR Status: Removed from Ground Facility Status: Inactive Facility Id: 9007009	WINDER BARROW CO AIR	SSE 1/8 - 1/4 (0.147 mi.)	4	8	

≿
MMAR
JUS N
<b>JRPHA</b>

Count: 1 records.

Zip Database(s)	30680 LUST, UST, Financial Assurance
Site Address	WINDER-BARROW AIRPORT
EDR ID Site Name	U001474413 GA ARNG OMS#8
City	WINDER

# **OVERVIEW MAP - 5612681.2S**



Winder GA 30680

33.983403 / 83.670451

LAT/LONG:

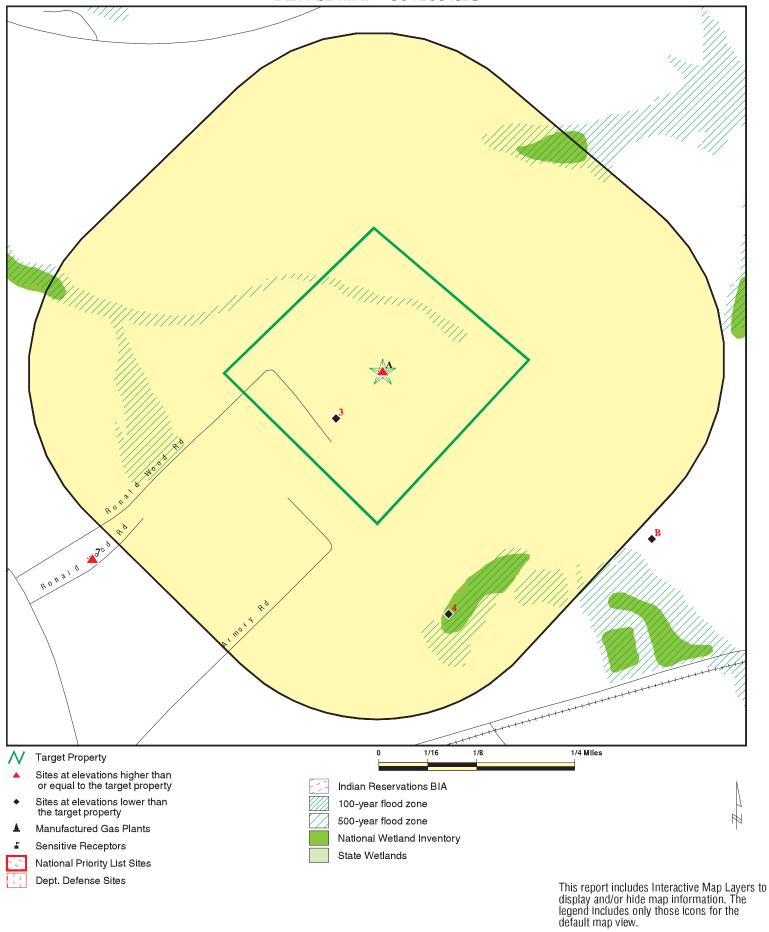
April 05, 2019 10:28 am

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INQUIRY#: 5612681.2s

DATE:

# **DETAIL MAP - 5612681.2S**



SITE NAME: Winder Barrow County Airport
ADDRESS: 889 Ronald Wood Road
Winder GA 30680
LAT/LONG: 33.983403 / 83.670451

CLIENT: AECOM
CONTACT: Brittany Kirchmann
INQUIRY #: 5612681.2s
DATE: April 05, 2019 10:30 am

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	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	1	NR	NR	1
Federal RCRA CORRAC	TS facilities lis	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR		acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator								
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 cor engineering controls re								
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						
SHWS GA NON-HSI	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank li	ists						
LUST INDIAN LUST	0.500 0.500		0 0	0 0	3 0	NR NR	NR NR	3 0
State and tribal registere	ed storage tan	k 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
UST AST INDIAN UST	0.250 0.250 0.250		1 0 0	1 0 0	NR NR NR	NR NR NR	NR NR NR	2 0 0
State and tribal institution control / engineering control /								
INST CONTROL AUL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal voluntary	/ cleanup sites	5						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Colid							
SWRCY HIST LF INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL CDL DEL SHWS US CDL	TP TP 1.000 TP		NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	0 0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency R	Release Report	ts						
HMIRS SPILLS 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	0.250 1.000 1.000 0.500		0 0 0 0	0 0 0 0	NR 0 0 0	NR 0 0 NR	NR NR NR NR	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
	(**************************************	,						
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
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	0
SSTS ROD	TP 1.000		NR 0	NR 0	NR 0	NR 0	NR NR	0 0
RMP	1.000 TP		NR	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	Ö
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	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 HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		Ö	Ö	ŏ	Ö	NR	0
UMTRA	0.500		Ö	Ö	Ö	NR	NR	Ö
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250	_	0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC ECHO	TP TP	1	NR NR	NR NR	NR NR	NR NR	NR NR	0 1
FUELS PROGRAM	0.250	'	0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	Ö
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
TIER 2	TP	1	NR	NR	NR	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORIC	AL RECORDS							
EDR Exclusive Records	;							
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		Ō	NR	NR	NR	NR	Ō
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVER	NMENT ARCHI	/ES						
Exclusive Recovered G	ovt. Archives							
RGA HWS	TP		NR	NR	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
RGA LF RGA LUST	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
- Totals		5	1	1	4	0	0	11

## 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 SUPPORT FACILITY #1** RCRA-SQG 1000155713 **Target** 889 RONALD WOOD RD FINDS GAD981224512

**Property WINDER, GA 30680 ECHO** 

Click here for full text details

Actual: 925 ft.

**RCRA-SQG** 

EPA ld: GAD981224512

**FINDS** 

Registry ID:: 110007488655

**ECHO** 

Registry ID: 110007488655

**A2 GAARNG WINDER AASF & FMS** NPDES S117390598

**Target** 889 RONALD WOOD ROAD

**Property WINDER, GA 30680** 

Click here for full text details

Actual: 925 ft.

Facility Id: 6090996

U001474412 3 AASF 1 (WINDER) UST

**ARMORY RD HWY 29 Financial Assurance** N/A

< 1/8 **WINDER, GA 30680** 

1 ft.

Click here for full text details

Relative: UST Lower

Facility Status: Inactive Facility Id: 72000

Status: Removed from Ground

**Financial Assurance** 

Facility Id: 72000

U001919919 4 **ALLDA AIR** UST

SSE WINDER BARROW CO AIRPORT 1/8-1/4 **WINDER, GA 30680** 

0.147 mi.

776 ft.

Click here for full text details

Relative: Lower

UST

Facility Status: Inactive Facility Id: 9007009

Status: Removed from Ground

**Financial Assurance** 

N/A

TIER 2

**Financial Assurance** 

N/A

Map ID MAP FINDINGS

Direction Distance

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

**ALLDA AIR (Continued)** U001919919

Facility Id: 9007009

В5 **PALM HARBOR HOMES** SEMS-ARCHIVE 1001114857 GA0001401884

**ESE** 976 AIRPORT ROAD WINDER, GA 30680 1/4-1/2

0.271 mi. 1429 ft.

Click here for full text details

Relative: Lower

**B6** PALM HARBOR HOMES (FORMER) LUST U002080480

**ESE** 976 AIRPORT RD **UST** N/A **WINDER, GA 30680** 1/4-1/2 **Financial Assurance** 

0.271 mi. 1429 ft.

Click here for full text details

Relative: Lower

Facility Id: 09007014

Cleanup Status: NFA - No Further Action

UST

LUST

Facility Status: Inactive Facility Id: 9007014

Status: Removed from Ground

**Financial Assurance** 

Facility Id: 9007014

7 **BARROW COUNTY AIRPORT** wsw 839 RONALD WOOD RD

1/4-1/2 **WINDER, GA 30680 FINDS** 0.287 mi. **Financial Assurance** 

1513 ft.

Click here for full text details

Relative: Higher

LUST

Facility Id: 09007021

Cleanup Status: NFA - Clean Closure

UST

Facility Status: Inactive Facility Id: 9007021

Status: Removed from Ground Status: Closed in Ground

**FINDS** 

Registry ID:: 110013479093

**Financial Assurance** 

LUST

UST

1006778576

N/A

Map ID MAP FINDINGS Direction Distance **EDR ID Number** 

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

BARROW COUNTY AIRPORT (Continued)

1006778576

Facility Id: 9007021

MCCONWAY & TORLEY, LLC 2494 LUST S107752177 **AIRS** N/A

South **880 AIRPORT ROAD** 1/4-1/2 **WINDER, GA 30680** 0.288 mi.

1521 ft.

Click here for full text details Relative: Higher

LUST

Facility Id: 00070085

Cleanup Status: NFA - No Further Action

AIRS

Operational Status: O State Facility Id: 301300018

TIER 2

Facility Id: 5382931

**NPDES** 

TIER 2

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
GA	AIRS	Permitted Facility & Emissions Listing	Department of Natural Resources	02/14/2019	02/19/2019	04/03/2019
GA	AST	Above Ground Storage Tanks	Office of Insurance & Safety Fire Commissione	06/04/2012	06/05/2012	06/14/2012
GA	AUL	Uniform Environmental Covenants	Department of Natural Resources	09/11/2018	11/06/2018	12/03/2018
GA	BROWNFIELDS	Brownfields Public Record List	Department of Natural Resources	02/19/2019	02/20/2019	04/03/2019
GA	CDL	Clandestine Drug Labs	Georgia Bureau of Investigation	06/02/2016	06/13/2016	08/15/2016
GA	COAL ASH	Coal Ash Disposal Site Listing	Department of Natural Resources	08/01/2014	08/05/2014	09/02/2014
GA	DEL SHWS	Delisted Hazardous Site Inventory Listing	Department of Natural Resources	07/01/2018	07/06/2018	08/13/2018
GA	DRYCLEANERS	Drycleaner Database	Department of Natural Resources	12/22/2014	12/23/2014	01/27/2015
GA	Financial Assurance 1	Financial Assurance Information Listing	Department of Natural Resources	01/14/2019	02/28/2019	03/06/2019
GA	Financial Assurance 2	Financial Assurance Information Listing	Department of Natural Resources	03/25/2019	03/26/2019	04/03/2019
GA	HIST LF	Historical Landfills	Department of Natural Resources	01/15/2003	01/20/2004	02/06/2004
GA	INST CONTROL	Public Record List	Department of Natural Resources	02/19/2019	02/20/2019	04/03/2019
GA	LUST	List of Leaking Underground Storage Tanks	Environmental Protection Division	01/14/2019	02/28/2019	04/04/2019
GA	NON HSI	Non-Hazardous Site Inventory	Rindt-McDuff Associates, Inc.	12/31/2018	01/17/2019	02/26/2019
GA	NPDES	NPDES Wastewater Permit List	Department of Natural Resoruces	01/31/2019	02/05/2019	04/04/2019
GA	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Protection	0.70.720.0	07/01/2013	12/24/2013
GA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Natural Resources		07/01/2013	01/13/2014
GA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Environmental Protection Division		07/01/2013	12/24/2013
GA	SHWS	Hazardous Site Inventory	Department of Environmental Protection	07/01/2018	07/06/2018	08/13/2018
	SPILLS	Spills Information	Department of Natural Resources	12/20/2018	12/26/2018	02/05/2019
GA		SPILLS90 data from FirstSearch	FirstSearch	10/04/2012	01/03/2013	02/11/2013
	SWF/LF	Solid Waste Disposal Facilities	Department of Natural Resources		11/01/2017	12/20/2017
GA	SWRCY	Recycling Center Listing	Department of Community Affairs	02/01/2019	03/28/2019	04/04/2019
GA	TIER 2	Tier 2 Data Listing	Department of Natural Resources	12/31/2017	11/21/2018	12/03/2018
GA	UIC	Underground Injection Control	Department of Natural Resources	09/13/2018	09/14/2018	11/01/2018
GA		Underground Storage Tank Database	Environmental Protection Division	01/14/2019	02/28/2019	03/06/2019
GA	VCP	Voluntary Cleanup Program site	DNR	02/02/2019	02/27/2019	04/04/2019
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	12/31/2018	02/11/2019	03/21/2019
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	12/03/2018	01/29/2019	03/21/2019
US	Delisted NPL	National Priority List Deletions	EPA	03/11/2019	03/14/2019	04/01/2019
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	03/03/2019	03/05/2019	04/01/2019
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.	03/03/2013	03/03/2013	04/01/2013
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	02/04/2019	03/21/2014	03/08/2019
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/07/2016	02/06/2019	04/07/2017
	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2015	02/06/2006	01/11/2007
US	ILULAND	i cuciai dilu illulali Lallus	U.S. Geological Survey	12/31/2005	02/00/2000	01/11/2007

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
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	02/15/2019	03/05/2019	03/15/2019
US	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
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA .	04/09/2009	04/16/2009	05/11/2009
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	02/19/2019	02/21/2019	04/01/2019
US	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	02/08/2019	02/08/2019	03/21/2019
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 R7	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	04/10/2018	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	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	03/20/2008	03/14/2019	03/21/2019
US	LEAD SMELTER 1	Lead Smelter Sites  Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2019	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	03/11/2019	03/14/2019	03/21/2019
US	LUCIS	Land Use Control Information System	Department of the Navy	10/17/2018	10/25/2018	12/07/2018
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	NPL	National Priority List	EPA	03/11/2019	03/14/2019	04/01/2019
US	NPL LIENS	,	EPA	10/15/1991	02/02/1994	
US	ODI	Federal Superfund Liens		06/30/1985	08/09/2004	03/30/1994 09/17/2004
		Open Dump Inventory	Environmental Protection Agency			
US US	PADS	PCB Activity Database System  PCB Transformer Pagintration Database	EPA Environmental Protection Agency	09/14/2018	10/11/2018	12/07/2018
	PCB TRANSFORMER PRP	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US		Potentially Responsible Parties	EPA	08/13/2018	10/04/2018	11/09/2018
US	Proposed NPL	Proposed National Priority List Sites	EPA	03/11/2019	03/14/2019	04/01/2019
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	01/02/2019	01/03/2019	03/15/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	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	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
US	RMP	Risk Management Plans	Environmental Protection Agency	02/01/2019	02/14/2019	03/21/2019
US	ROD	Records Of Decision	EPA	03/11/2019	03/14/2019	04/01/2019
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	02/06/2019	02/15/2019	03/15/2019
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	02/06/2019	02/15/2019	03/15/2019
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	12/17/2018	12/18/2018	01/11/2019
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	09/21/2018	09/21/2018	11/09/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/21/2018	09/21/2018	11/09/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/27/2018	02/27/2019	04/01/2019
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	12/31/2017	01/17/2019	04/01/2019
СТ	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	02/11/2019	02/12/2019	03/04/2019
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2017	07/13/2018	08/01/2018
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	01/30/2019	02/14/2019
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2017	10/23/2018	11/27/2018
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 Natural Resources	12/31/2017	06/15/2018	07/09/2018
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			
GA	Daycare Centers	Sensitive Receptor: Child Care Centers	Department of Human Resources			
0,1	Dayouro Comoro	Continue Recoptor. Offine Out Continue	Doparation of Frantan Rossardos			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			

St	Acronym	Full Name	Government Agency	Gov Date	Arvi. Date	Active Date
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
GA	State Wetlands	Wetlands Inventory	Georgia GIS Clearinghouse			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		PennWell Corporation			
US	Electric Power Transmission Line D	ata	PennWell Corporation			

#### STREET AND ADDRESS INFORMATION

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## GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

#### **TARGET PROPERTY ADDRESS**

WINDER BARROW COUNTY AIRPORT 889 RONALD WOOD ROAD WINDER, GA 30680

#### **TARGET PROPERTY COORDINATES**

Latitude (North): 33.983403 - 33° 59' 0.25" Longitude (West): 83.670451 - 83° 40' 13.62"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 253302.4 UTM Y (Meters): 3763336.2

Elevation: 925 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 6046440 WINDER SOUTH, GA

Version Date: 2014

North Map: 6045681 WINDER NORTH, GA

Version Date: 2014

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).

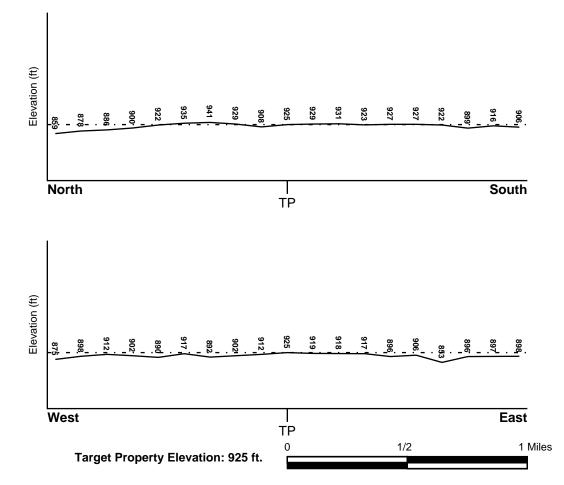
#### **TOPOGRAPHIC INFORMATION**

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 West

#### 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

13013C0135C FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

13013C0127C FEMA FIRM Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

WINDER SOUTH 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: Metamorphic Rocks

System: Mississippian Series: migmatite

Code: mm3 (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).

#### 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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CECIL

Soil Surface Texture: sandy 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. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary Classification						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
2	7 inches	11 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	11 inches	50 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
4	50 inches	75 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam

loam

fine sandy loam

Surficial Soil Types: sandy loam

loam

fine sandy loam

Shallow Soil Types: clay

sandy clay gravelly - loam

Deeper Soil Types: loamy fine sand

sandy loam weathered bedrock

## **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

 MAP ID
 WELL ID
 FROM TP

 A2
 USGS40000265943
 1/2 - 1 Mile NE

 3
 USGS40000265910
 1/2 - 1 Mile East

# FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

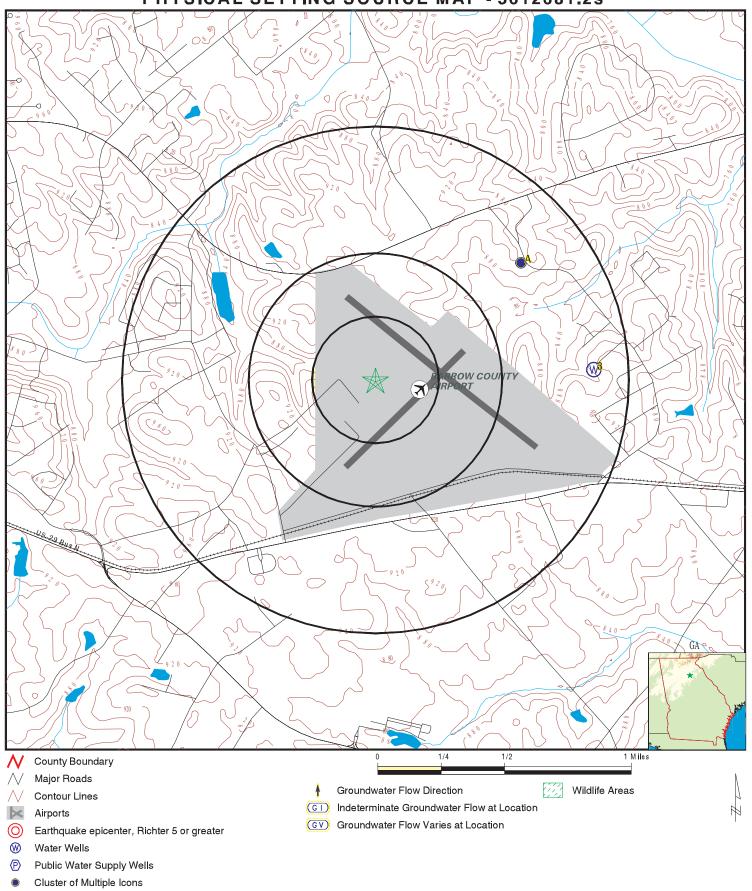
Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

 MAP ID
 WELL ID
 FROM TP

 A1
 0000000178
 1/2 - 1 Mile NE

# PHYSICAL SETTING SOURCE MAP - 5612681.2s



SITE NAME: Winder Barrow County Airport ADDRESS: 889 Ronald Wood Road

Winder GA 30680 LAT/LONG: 33.983403 / 83.670451 **AECOM** 

CLIENT: AECOM CONTACT: Brittany Kirchmann INQUIRY#: 5612681.2s DATE: April 05, 2019 10:31 am

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 NE 1/2 - 1 Mile Lower	Click here for full text details	GA WELLS	0000000178
A2 NE 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000265943
3 East 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000265910

# GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

# AREA RADON INFORMATION

Federal EPA Radon Zone for BARROW County: 2

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: 30680

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	1.767 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

## 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: Wetlands Inventory Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

#### 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

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

#### OTHER STATE DATABASE INFORMATION

**DNR Managed Lands** 

Source: Department of Natural Resources

Telephone: 706-557-3032

This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

#### **RADON**

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

TC5612681.2s Page PSGR-2

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### STREET AND ADDRESS INFORMATION

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# Appendix B Preliminary Assessment Documentation

# **Appendix B.1 Interview Records**

Facility: Winder Barrow AASF Interviewer: Date/Time: 2/20/2019, 0900

Interviewee:	Can your name/role be used in the PA Report? $\underline{\mathbf{Y}}$ or N							
Title: Shop Supervisor	Can you recommend anyone we can interview?							
Phone Number:								
Email: N/A	Y or <u>N</u>							
Roles or activities with the Facility/Years working at the Facility:								
has been with the Winder	Barrow AASF for 27 years.							
PFAS Use: Identify accidental/intentional releas								
storage container size (maintenance, fire training								
builts), fueling stations, crash sites, pest manager waterproofing). How are materials ordered/purch		etais piating, or						
recalled an unintentional i	release of AFFF from the crash	Known Uses						
rescue fire truck during an elementary school field released to the ramp directly east of Hangar 2. No	•	Use						
regarding the type or amount of AFFF released.	Following the release, the truck was	Procurement						
washed at the wash rack. lines were flushed following the release.	did not recall whether the truck hose	Disposition						
	responded to a nearby train	Storage (Mixed)						
derailment sometime prior to 1992 but did not kn Additionally, he could not confirm	now if AFFF was dispensed. ' recollection of the fire training	Storage (Solution)						
exercise on a drum fire on the north ramp.	recalls rotary	Inventory, Off-Spec						
winged helicopters were present on the north ran believe a drum fire would have been lit nearby.	also could not	Containment						
confirm that any fire training with AFFF fire extr	inguishers occurred in the grass	SOP on Filling						
north of the main Winder Barrow AASF building	<del></del>	Leaking Vehicles						
extinguishers were removed from the facility to be	be serviced by a contractor and to the	Nozzle and Suppression System Testing						
best of his knowledge the extinguishers were new training exercises at the facility utilized ABC fire	Dining Facilities							
There has not been bulk AFFF stored at the facility	· ·	Vehicle Washing						
rescue fire truck was removed from the facility.	Ramp Washing							
		Fuel Spill Washing and Fueling Stations						
		Chrome Plating or Waterproofing						

# **PA Interview Questionnaire - Other**

Facility: Winder Barrow AASF Interviewer: Date/Time: 2/20/2019, 0900

Interviewee:	Can your name/role be used in the P.	A Report? Y or N								
	Can you recommend anyone we can interview?									
Title: LMO	Y or N Tim Loveless, Wayne Adcock									
Phone Number:										
Email: N/A										
Roles or activities with the Facility/Years working at the Facility:										
has been with the Winder Barrow AASF for 14 years. The Winder Barrow AASF was built in 1970 or 1971. The Winder Barrow AASF currently occupies several buildings and two hangars. There are three ramp areas, to the north, southwest, and southwest. The southwest ramp underwent resurfacing and re-sloping in 2015-2016. Soil down to three feet was removed and taken off-site during the renovation. The Winder Barrow AASF is served by the City of Winder water works.										
<b>PFAS Use:</b> Identify accidental/intentional releas storage container size (maintenance, fire training builts), fueling stations, crash sites, pest manager waterproofing). How are materials ordered/purch	g, firefighting, buildings with suppressiment, recreational, dining facilities, more	on systems (as								
was not aware of any AFFF spill		Known Uses								
currently 12 30-gallon TriMax units at the facilit from the facility. The TriMax units were stationed	ed on the ramps from approximately	Use								
2003 to 2017. There is currently no bulk AFFF s	tored at the facility.	Procurement								
The facility had a crash rescue fire truck until ap		Disposition								
The crash rescue fire truck was stored in a small	ack was never used to put out fires. garage with no floor drains.	Storage (Mixed)								
Historically, bulk AFFF was also stored in the sa	me garage. No information was	Storage (Solution)								
available regarding the type of amount of bulk A	•	Inventory, Off-Spec								
There is a wash rack at the facility that is plumber cycles through settling tank. The settling tank ha		Containment								
has been with the facility (since 2005).		SOP on Filling								
Surface run-off ultimately flows off the facility the Winder Barrow AASF.	o the twin lakes located northwest of	Leaking Vehicles								
Winder Barrow AASF wastewater flows to a sep	Winder Barrow AASF wastewater flows to a septic field in the northeast corner of									
the facility.	Dining Facilities									
		Vehicle Washing								
		Ramp Washing								
		Fuel Spill Washing and Fueling Stations								
		Chrome Plating or Waterproofing								

# **PA Interview Questionnaire - Other**

Facility: Winder Barrow AASF Interviewer: Date/Time: 2/20/2019, 0900

Interviewee:	Can your name/role be used in the PA Report? $\underline{\mathbf{Y}}$ or N		
Title: Interim Deputy Chief	Can you recommend anyone we can interview?		
Phone Number:	Y or <b>N</b>		
Email: N/A	_		
Roles or activities with the Facility/Years wor	king at the Facility:		
is the Interim Deputy Chief	of the Barrow County Emergency Dep	partment.	
<b>PFAS Use:</b> Identify accidental/intentional releas storage container size (maintenance, fire training builts), fueling stations, crash sites, pest manager waterproofing). How are materials ordered/purch	, firefighting, buildings with suppressiment, recreational, dining facilities, mo	ion systems (as etals plating, or	
Emergency response at the facility is provided by	y the Barrow County Emergency	Known Uses	
Services Department.	1 1: 4 11: 6	Use	
On September 26, 2017 a small single prop plane pasture across the street from Barrow County Air released by Barrow County Emergency services	Procurement  Disposition		
available regarding the amount of type of AFFF	Storage (Mixed)		
No reliable emergency response information was	No reliable emergency response information was available prior to 2014.  The Barrow County Emergency Service department conducts fire training exercises		
The Barrow County Emergency Service departm			
at the Barrow County airport but does not train there with AFFF. The Barrow County Airport has a fire suppression system. No information was available regarding the type or amount of AFFF housed at the airport.		Inventory, Off-Spec	
		Containment	
1		SOP on Filling	
		Leaking Vehicles	
		Nozzle and Suppression System Testing	
		Dining Facilities	
		Vehicle Washing	
		Ramp Washing	
		Fuel Spill Washing and Fueling Stations	
		Chrome Plating or Waterproofing	

# **PA Interview Questionnaire - Other**

Facility: Winder Barrow AASF Interviewer: Date/Time: 2/20/2019, 0900

Interviewee:	Can your name/role be used in the PA Report? $\underline{\mathbf{Y}}$ or N			
Title: Retired Shop Supervisor	Can you recommend anyone we can interview?			
Phone Number:	Y or <b>N</b>			
Email: N/A	_			
Roles or activities with the Facility/Years world	king at the Facility:			
was with the Winder Barrow AASH	F for 30 years.			
PFAS Use: Identify accidental/intentional release	e locations, time frame of release, freq	uency of releases,		
storage container size (maintenance, fire training		` `		
builts), fueling stations, crash sites, pest manager waterproofing). How are materials ordered/purch		etals plating, or		
did not recall fire training with AFFF from the crash rescue truck,  Known Use				
purple K was used during training instead.	did not recall nozzle testing	Use		
or maintenance issues with the crash rescue truck	Procurement			
A potential AFFF release may have occurred in the AFFF may have been dispensed from a fire truck		Disposition		
drum fire. The potential release occurred sometim		-		
Atlanta fire department came to the facility to give	ve a fire fighting course. No	Storage (Mixed)		
information was available regarding the type or a	•	Storage (Solution)		
did not specifically recall dispensing		Inventory, Off-Spec		
suspected fire training with the fire extinguishers north of the main Winder Barrow AASF building	•	Containment		
Historically, maintenance of the portable Tri-Max fire extinguishers was handled by		SOP on Filling		
a contractor, and the AFFF was not changed at the		Leaking Vehicles		
Bulk AFFF was historically stored in 5-gallon buckets in a flammables shed near the		Nozzle and Suppression		
wash rack. No information was available regarding	ng the fate of the 5-gallon buckets.	System Testing		
		Dining Facilities		
		Vehicle Washing		
		Ramp Washing		
		Fuel Spill Washing and Fueling Stations		
		Chrome Plating or Waterproofing		

# Appendix B.2 Visual Site Inspection Checklists

# **Visual Site Inspection Checklist**

Names(s) of people perfo	orming VSI:		
R	ecorded by:		
ARM	NG Contact:		
Dat	Pate and Time: 2/20/19, 0900		
Method of visit (walking, driving	ving, adjacent): walking		
Source/Release Information			
Site Name / Area Name / Unique ID:	Winder Barrow AASF		
Site / Area Acreage:	32.9 acres		
Historic Site Use (Brief Description):	GAARNG arm	ny aviation support facility. It occupies several buildings and two hangars.	
Current Site Use (Brief Description):	GAARNG arm	ny aviation support facility. It occupies several buildings and two hangars.	
Physical barriers or access restrictions:		Resticted access to GAARNG	
1. Was PFAS used (or spilled) at the site/area?  1. If yes, document how	<u> </u>	$\underline{\underline{\mathbf{Y}}}/\mathbf{N}$ and usage time (e.g., fire fighting training 2001 to 2014):	
yes, one FTA  2. Has usage been documented?  2a. If yes, keep a record (	,	th ramp and one accidental AFFF release on the east ramp $Y / \underline{N}$ files on a disk):	
3. What types of businesses are located near the  3a. Indicate what busines		lustrial / Commercial / Plating / Waterproofing / Residential ear the site	
unknown  4. Is this site located at an airport/flightline?  4a. If yes, provide a description of the state of	-	Y/N port/flightline tenants:	
Adjacent to Winder Barre	ow County Airpo	ort.	

# **Visual Survey Inspection Log**

Other Significant Significant Significant				
1. Does the facility ha	we a fire suppression system? Y / N			
	1a. If yes, indicate which type of AFFF has been used:			
	n/a			
	1b. If yes, describe maintenance schedule/leaks:			
	n/a			
	1c. If yes, how often is the AFFF replaced:			
	n/a			
	1d. If yes, does the facility have floor drains and where	do they lea	id? Can we ob	tain an ac huilt drawing?
	rd. If yes, does the facility have floor drains and where	do they lea	id: Call we ob	tam an as ount drawing.
	n/a			
Transport / Pathy	vav Information			
Migration Potential:				
_	nage flow off installation? $\underline{\underline{Y}}/\underline{N}$			
	1a. If so, note observation and location:			
2 Is there shannelize	Drainage flows northwest off installation, id flow within the site/area?	nto a basın.		
2. Is there channelized		L	<u>Y</u> / N	
	2a. If so, please note observation and location:			
	Yes, the channelized flow off the ramps is to the east	into the sep	tic field, then	ultimately northwest into the
		sin.		
3. Are monitoring or	drinking water wells located near the site?		Y / <u>N</u>	
	3a. If so, please note the location:			
4 Are surface water i	ntakes located near the site?		Y / <u>N</u>	
The ballace water i	4a. If so, please note the location:	L	- / <u></u>	
	ta. If 50, prease note the focution.			
	LVN			
5. Can wind dispersion	n information be obtained? $Y/\underline{N}$			
	5a. If so, please note and observe the location.			
6. Does an adjacent n	on-ARNG PFAS source exist? Y/N			
·	6a. If so, please note the source and location.			
	**** . =	<b>a</b>		
	Winder Barrow	•	rport	
	6b. Will off-site reconnaissance be conducted?	Y / <u>N</u>		

# **Visual Survey Inspection Log**

Significant Topograp	phical Features:		
1. Has the infrastructu	ure changed at the site/area? Y / N		
	1a. If so, please describe change (ex. Structures no longer exist):		
2 I d :- /	V/N		
2. Is the site/area vege			
	2a. If not vegetated, briefly describe the site/area composition:		
3. Does the site or area	ea exhibit evidence of erosion? Y / N		
	3a. If yes, describe the location and extent of the erosion:		
	Jan 11 yes, describe the retainer and extent of the effection		
4. Does the site/area e	exhibit any areas of ponding or standing water?	<u>Y</u> / N	
	4a. If yes, describe the location and extent of the ponding:		_
	Yes, there is a septic field to the east of the installation.		
Receptor Informa	ation		
1. Is access to the site			
	1a. If so, please note to what extent:		
	71		
	GAARNG personnel		
0. 1111	Site Workers / Construction Workers / T	respassers /	Residential / Recreational
2. Who can access the			
	2a. Circle all that apply, note any not covered above:		
3 Are residential area	as located near the site?	<u>Y</u> / N	
5. The residential area	3a. If so, please note the location/distance:	<u> </u>	1
	3a. If so, please note the location/distance.		
4. Are any schools/day	y care centers located near the site?	Y / N	
	4a. If so, please note the location/distance/type:		-
	unknown.		1
5. Are any wetlands lo	<b>_</b>	<u>Y</u> / N	]
	5a. If so, please note the location/distance/type:		

# **Visual Survey Inspection Log**

Additional Notes			

Photographic Log

Photo ID/Name	Date & Location	Photograph Description
1	Winder Barrow AASF	The east ramp of the Winder Barrow AASF
2	Winder Barrow AASF	The north ramp fire training area
3	Winder Barrow AASF	The north ramp fire training area
4	Winder Barrow AASF	The wash rack/former AFFF storage area

# Appendix B.3 Conceptual Site Model Information

# **Preliminary Assessment – Conceptual Site Model Information**

Site Name: Winder Barrow AASF
Why has this location been identified as a site?  Winder Demoy: A ASE is an experience symmetric facility with hongars and wakiele maintenance areas.
Winder Barrow AASF is an aviation support facility with hangars and vehicle maintenance areas.
Are there any other activities nearby that could also impact this location?
Winder Barrow County Airport
Training Events
Have any training events with AFFF occurred at this site? Yes
If so, how often? One time
How much material was used? Is it documented? Amount is unknown, and the AFFF release was not
documented.
<b>Identify Potential Pathways:</b> 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 northwest
Average rainfall? 53 inches
Any flooding during rainy season? Unknown
Direct or indirect pathway to ditches? Direct. Surface flow to the northwest into a basin.
Direct or indirect pathway to larger bodies of water? Indirect pathway to Lower Twin Lake
Does surface water pond any place on site? Surface water can collect in the septic field on the east side of the installation.
Any impoundment areas or retention ponds? No
Any NPDES location points near the site? Unknown
How does surface water drain on and around the flight line? Surface water drains to the northwest

# **Preliminary Assessment – Conceptual Site Model Information**

# **Groundwater:** Groundwater flow direction? Inferred groundwater flow to the northwest Depth to groundwater? Unknown Uses (agricultural, drinking water, irrigation)? Unknown Any groundwater treatment systems? unknown Any groundwater monitoring well locations near the site? Potentially to the northeast Is groundwater used for drinking water? No Are there drinking water supply wells on installation? No Do they serve off-post populations? n/a Are there off-post drinking water wells downgradient. No **Waste Water Treatment Plant:** Has the installation ever had a WWTP, past or present? No If so, do we understand the process and which water is/was treated at the plant? n/a Do we understand the fate of sludge waste? n/a Is surface water from potential contaminated sites treated? n/a **Equipment Rinse Water** 1. Is firefighting equipment washed? Where does the rinse water go? The installation has a wash rack that is connected to a setting tank. 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? There was no recollection of nozzle testing from the interviewees. 3. Other?

# **Preliminary Assessment – Conceptual Site Model Information**

**Identify Potential Receptors:** 

# Site Worker: Yes Construction Worker: Yes Recreational User: No Residential: Yes Child: No Ecological: Yes Note what is located near by the site (e.g. daycare, schools, hospitals, churches, agricultural, livestock)? Documentation Ask for Engineering drawings (if applicable). Has there been a reconstruction or changes to the drainage system? When did that occur? The southwest ramp underwent resurfacing and re-sloping in 2015-2016.

# Appendix C Photographic Log

# APPENDIX C - Photographic Log

Army National Guard, Preliminary Assessment for PFAS

Winder Barrow AASF

Georgia

# Photograph No. 1

# **Description:**

The east ramp of the Winder Barrow AASF.



# Photograph No. 2

### **Description:**

The north ramp fire training area.



# APPENDIX C - Photographic Log

Army National Guard, Preliminary Assessment for PFAS

Winder Barrow AASF

Georgia

# Photograph No. 3

# **Description:**

The north ramp fire training



# Photograph No. 4

### **Description:**

The wash rack/former AFFF storage area.

