



October 16, 2017

Dawson County Public Works
25 Justice Way, Suite 2322
Dawsonville, Georgia 30534

Attention: Mr. David McKee
DMcKee@dawsoncounty.org

Subject: Phase I Environmental Site Assessment
2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, Dawson County, Georgia 30534

Dear Mr. McKee,

Mill Creek Environmental, LLC (MCE) has completed a Phase I Environmental Site Assessment (ESA) for the property referenced above. Based on our observations and information gathered during the Phase I ESA, MCE did not identify any recognized environmental conditions (RECs) as defined by the American Society for Testing and Materials (ASTM) Standard Practice E1527-13.

No further site assessment activities are recommended at this time.

If you have any questions or comments, please feel free to contact us at 706-579-1607 or jirwin@millcreekenvironmental.com.

Sincerely,

MILL CREEK ENVIRONMENTAL, LLC

Irene Holak
Environmental Scientist

Jake Irwin, EP
Operations Manager

Attachments: Phase I ESA Report



Phase I Environmental Site Assessment

Of:

**2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, Dawson County, Georgia 30534**



Prepared for:

**Dawson County Public Works
25 Justice Way, Suite 2322
Dawsonville, Georgia 30534**

Prepared by:

**Mill Creek Environmental, LLC
1818 Perimeter Road
Dawsonville, Georgia 30534**

MCE Project #DC-1701-1

October 2017



TABLE OF CONTENTS

1	EXECUTIVE SUMMARY	1
2	CERTIFICATION	2
3	INTRODUCTION	3
3.1	PURPOSE	3
3.2	SCOPE OF WORK	3
3.3	LIMITATIONS.....	3
3.4	DATA GAPS.....	4
4	SITE DESCRIPTION	4
4.1	SOILS AND GEOLOGY/HYDROGEOLOGY.....	5
4.2	SITE HYDROLOGY	5
4.3	SURROUNDING LAND USE.....	5
5	USER PROVIDED INFORMATION	6
5.1	PURPOSE OF PHASE I ESA.....	6
5.2	INFORMATION PROVIDED BY THE USER	6
6	INTERVIEWS	6
6.1	PERSONAL INTERVIEWS	6
6.2	AGENCY CONTACTS.....	6
7	SITE DEVELOPMENT HISTORY	7
7.1	HISTORICAL TOPOGRAPHIC MAPS.....	7
7.2	AERIAL PHOTOGRAPHS	7
7.3	TAX RECORDS.....	9
7.4	ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS.....	10
7.5	CHAIN OF PROPERTY OWNERSHIP	10
8	PREVIOUS REPORTS AND RECORDS REVIEW	10
9	ENVIRONMENTAL DATABASE REVIEW	10
9.1	SUBJECT PROPERTY	11
9.2	OFF-SITE PROPERTIES	11
9.3	ORPHAN AND UN-PLOTTED SITES	11
10	SITE RECONNAISSANCE	11
10.1	HAZARDOUS CHEMICAL OR PETROLEUM STORAGE	11
10.2	UNIDENTIFIED SUBSTANCE CONTAINERS.....	12
10.3	POTENTIAL POLYCHLORINATED BIPHENYLS (PCBs)	12
10.4	HYDRAULIC EQUIPMENT.....	12
10.5	DRAINS AND SUMPS	12
10.6	PITS, PONDS, OR LAGOONS	12
10.7	WASTEWATER.....	12
10.8	STRUCTURAL STAINING OR CORROSION	12
10.9	STAINED SOIL OR PAVEMENT.....	12
10.10	STRESSED VEGETATION	12
10.11	SOLID WASTE & MATERIALS.....	12
10.12	WELLS	13

10.13 SEPTIC SYSTEMS	13
11 VAPOR ENCROACHMENT CONDITIONS.....	13
12 FINDINGS	13
13 CONCLUSIONS AND RECOMMENDATIONS	14
14 REFERENCES.....	15

LIST OF FIGURES

Figure 1	Topographic Map
Figure 2	Site Vicinity Map

LIST OF APPENDICES

Appendix A	Environmental Professional Qualifications
Appendix B	Site Photographs
Appendix C	Interview and Agency Contact Documentation
Appendix D	Historical Topographic Map Report
Appendix E	Aerial Photograph Decade Package
Appendix F	Additional Information
Appendix G	Radius Map Report

1 EXECUTIVE SUMMARY

At the request of Mr. David McKee of the Dawson County Public Works, Mill Creek Environmental, LLC (MCE) has completed a Phase I Environmental Site Assessment (ESA) of the property located at 3145 Sweetwater-Juno Road in Dawsonville, Dawson County, Georgia (the “subject property”). The Phase I ESA was completed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice E1527-13. The purpose and scope of work are summarized in Section 3 of this report.

The subject property is consists of one (1) parcel identified in the Dawson County Tax Assessor’s database as Tax ID: 054 021, totaling approximately 2.5 acres. The subject property is improved with one (1) 924-square foot vacant mobile home. The subject property has a grassed parking area and driveway. Residential properties surround the subject property. Wooded land adjoins the subject property to the west and Sweetwater-Juno Road adjoins the subject property to the east. Agricultural land is located to the southeast of the subject property. The subject property is serviced by electricity, and has on-site well water and septic system.

According to historical information, the subject property has been agricultural land from at least 1938 and predominantly residential property from at least 1964 to the present.

MCE’s site reconnaissance did not identify any on-site “recognized environmental conditions” (RECs) for the subject property.

The subject property was not identified in the any of the environmental databases reviewed.

No off-site properties were identified in the environmental databases reviewed.

This assessment did not reveal any evidence of RECs in connection with the subject property as defined by ASTM Standard practice E1527-13. No additional site assessment activities are recommended at this time.

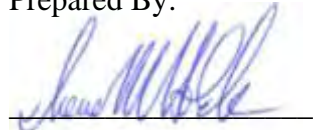
2 CERTIFICATION

We have completed this assessment in accordance with generally accepted environmental practices and procedures as of the date of this report. We have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained within this assessment are based upon site conditions we readily observed or were reasonably ascertainable and present at the time of our site inspection, reasonably ascertainable regulatory information, and reasonably ascertainable historical information.

The scope of this assessment does not purport to encompass every report, record, or other form of documentation relevant to the property being evaluated. To the best of our knowledge, this Environmental Site Assessment has been completed in compliance with ASTM Standard E1527-13 for Phase I Environmental Site Assessments.

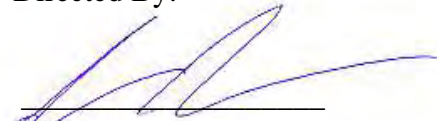
We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have completed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Professional qualifications are included in **Appendix A**.

Prepared By:



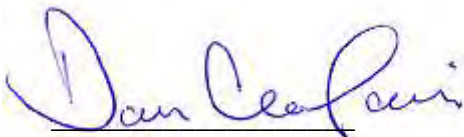
Irene Holak
Environmental Scientist

Directed By:



Jake Irwin, EP
Operations Manager

Reviewed By:



Dan Centofanti, EP, PG
Technical Director

3 INTRODUCTION

Mill Creek Environmental, LLC (MCE) has completed a Phase I Environmental Site Assessment (ESA) of the property located at 3145 Sweetwater-Juno Road in Dawsonville, Dawson County, Georgia (the “subject property”). The Phase I ESA was completed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice E1527-13.

3.1 Purpose

The purpose of this assessment was to evaluate the subject property for the presence of “recognized environmental conditions” (RECs) as defined by ASTM. A “recognized environmental condition” is defined by the ASTM as:

“The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to a release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of future release to the environment. De-minimis conditions are not recognized environmental conditions.”

3.2 Scope of Work

The following tasks were completed during the Phase I ESA:

- **TASK 1-** Historical Data Review;
- **TASK 2-** Environmental Agency Database Review;
- **TASK 3-** Site Reconnaissance;
- **TASK 4-** Personal Interviews;
- **TASK 5-** Contacts with Local Officials; and
- **TASK 6-** Reporting of Results.

This report contains the results of our database and records review, site reconnaissance, personnel interviews, and additional information obtained during our assessment. Information used to complete this report was reasonably ascertainable and visually observable. This Phase I ESA did not include any testing or sampling of materials (e.g., soil, water, sediment, building materials, etc).

3.3 Limitations

The report and any other information which MCE prepared and submitted to **Dawson County Public Works** (the “Users”) in connection with this assessment (the “Report”) are for the sole use and benefit of the Users and may not be used or relied upon by any other person or entity without the prior written consent of the Users and MCE, except as provided for specifically in the agreement. Any such consent given by MCE will be deemed to be and will be subject to the

terms and conditions as MCE may reasonably require, including without limitation a monetary limit to MCE's liability to any person granted such consent (the "Grantee"), and any such Grantee will be deemed to have agreed to such terms and conditions by its use and reliance on the Report. The use or re-use of this document or the findings, conclusions, or recommendations presented herein, by any other party or parties is at the sole risk of said Users.

MCE and the Users agree that (1) the information in the Report relates only to the subject property specifically described in the Report and was presented in accordance with and subject to the scope of work described in the Report or specifically agreed to by MCE and the Users; (2) the information and conclusions provided in the Report apply only to the subject property as it existed at the time of MCE's examination of the subject property. Should the subject property use or conditions change or should there be changes in applicable laws, standards, or technology, the information and conclusions in the Report may no longer apply; (3) MCE makes no representations regarding the value or marketability of the subject property or its suitability for any particular use, and none should be inferred based on the Report; (4) the Report is intended to be used in its entirety and no excerpts may be taken to be representative of the findings of this investigation; and (5) environmental land-use issues and constraints of possible relevance (e.g., sensitive habitats, radon, lead-based paint, asbestos, etc.), were not included in this scope of services.

3.4 Data Gaps

A data gap is defined by the ASTM Standard E1527-13 as, "...a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A data failure is a type of data gap that fails to meet the historical research objectives.

MCE encountered the following data gaps/ failures during the preparation of this report:

- Based on a review of available data, historical resources at five year intervals were not reasonably ascertainable. This is considered a data failure in accordance with ASTM Standard E1527-13.
- A Property Questionnaire was not provided to the owner of the subject property. MCE was also not able to contact the property owner for an interview.

The presence of these data gaps/data failures did not affect MCE's ability to identify conditions indicative of a release or threatened release of hazardous substances to the subject property and did not have a material impact on the conclusions of this report.

4 SITE DESCRIPTION

The subject property is consists of one (1) parcel identified in the Dawson County Tax Assessor's database as Tax ID: 054 021, totaling approximately 2.5 acres. The subject property is improved with one (1) 924-square foot vacant mobile home. The subject property has a grassed parking area and driveway. Residential properties surround the subject property.

Wooded land adjoins the subject property to the west and Sweetwater-Juno Road adjoins the subject property to the east. Agricultural land is located to the southeast of the subject property. The subject property is serviced by electricity, and has on-site well water and septic system.

Based on MCE's review of the United States Geologic Survey (USGS) Juno, Georgia 7.5 minute series topographic quadrangle map, the elevation of the subject property is situated between approximately 1,480 to 1,500 feet above mean sea level (msl). A topographic map showing the location of the subject property is provided as **Figure 1**. A vicinity map of the area is provided as **Figure 2**. Photographs of the subject property are provided in **Appendix B**.

4.1 Soils and Geology/Hydrogeology

According to the United States Department of Agriculture's Web Soil Survey, the most common soil type found in the vicinity of the subject property belongs to the Tallapoosa soil component series. Tallapoosa soils are classified as a gravelly-fine sandy loam and belong to USDA hydrologic group "Class C". Class C soils have slow infiltration rates and have layers that impede downward movement of water. These soils are moderately fine or fine textures.

The subject property is situated in the Piedmont Physiographic Province of North Georgia. Rock types of the Piedmont generally include gneiss, schist, granite, and amphibolite. The local area is characterized by granite gneiss and biotite gneiss. These rocks weather to form a reddish-brown soil called residuum, which consists of various amounts of sand, clay, and silt mixtures.

The upper boundary of the Piedmont groundwater system is formed by the water table. The water table is usually situated within the residuum, although it can be found within the bedrock in areas where the residuum is thin. The configuration of the water table is usually a subdued replica of the site topography. Generally, groundwater in the Piedmont flows from highlands to lowlands and discharges to streams, lakes, or wetlands. The direction of groundwater flow at the subject property is unknown, but based on the topography of the subject property the general direction of groundwater flow in the area is estimated to be to the southwest.

4.2 Site Hydrology

The eastern portion of the subject property slopes towards the northeast. The western portion of the subject property slopes towards the northeast. Storm water from the eastern portion the subject property flows onto Sweetwater-Juno Road and into a grassed drainage ditch. Storm water from the western portion of the subject property flows to the southwest onto the western adjoining property. No RECs related to storm water run-on or run-off were identified at the subject property.

4.3 Surrounding Land Use

The subject property is located in a mixed agricultural and residential area of Dawsonville, Georgia. The land use surrounding the subject property consists of the following:

North: Residential, agricultural

South: Residential
East: Wooded land, mixed residential and agricultural
West: Wooded land

Surrounding land use is identified in **Figure 2**.

5 USER PROVIDED INFORMATION

5.1 Purpose of Phase I ESA

The user is completing this Phase I ESA as part of the due diligence process prior to a potential property transaction.

5.2 Information Provided by the User

A Phase I ESA User's Questionnaire was provided to Mr. David McKee, Director of the Dawson County Public Works. Mr. McKee was unaware of any environmental liens or activity and use limitations at the subject property. He indicated the subject property had been used as a residential property in the past and indicated a drinking water well was located on the subject property supplying potable water to the home. Mr. McKee did not identify any specific chemicals, spills, releases, or environmental concerns on the subject property. The Phase I ESA User Questionnaire is included in **Appendix C**.

6 INTERVIEWS

Interviews with owners, occupants, and local government agencies were conducted in an attempt to obtain information concerning recognized environmental conditions in connection with the subject property. A summary of the interviews is included in the sections below. Interview documentation is provided in **Appendix C**.

6.1 Personal Interviews

MCE was not able to contact the property owner to interview or provide a copy of the Property Questionnaire. MCE had called and left a message with a staff member at the Northwoods Retirement Home for Ms. Mary Bailey, the owner of the subject property. As of the date of this report, the property owner's information was not provided to MCE and Ms. Bailey has not returned MCE's phone calls.

6.2 Agency Contacts

MCE contacted Dawson County Environmental Health and Dawson County Fire/Rescue Division by fax to obtain information regarding environmental conditions at the subject property. Dawson County Fire/Rescue Division has responded that no records were found. As of the date of this report, the Dawson County Environmental Health has responded with any information regarding the subject property. If any pertinent information regarding the subject property

should be obtained at a later date, MCE will submit an addendum to this report. Agency correspondence is provided in **Appendix C**.

7 SITE DEVELOPMENT HISTORY

Historic information regarding the subject property was obtained from a review of records available from public sources. MCE attempted to identify all obvious uses of the subject property from the present, back to the subject property's first developed use or 1940, whichever was earlier. Only historical resources that were reasonably ascertainable were reviewed.

7.1 Historical Topographic Maps

MCE reviewed and interpreted historical topographic maps for indications of past land use or site activities that represent potential areas of environmental concern to the subject property. Historical topographic maps for the years 1890, 1894, 1964, 1999, and 2014 were reviewed. The subject property is depicted with no structures on the 1890 and 1894 topographic maps and is depicted with a dwelling on the 1964 and 1999 maps. Amicalola Creek, several roads, and major highways, including Sweetwater-Juno Road, are also depicted on all the topographic maps. Additional roads and dwellings are depicted on the 1964 and 1999 maps. No structures or significant features are depicted on the 2014 topographic map except roads and major highways. No evidence of previous environmental concerns was identified from the historical topographic maps. Historical topographic maps are included in **Appendix D**.

7.2 Aerial Photographs

MCE reviewed and interpreted historical aerial photographs for indications of past land use or site activities that represent potential areas of environmental concern for the subject property. Aerial photograph prints from 1938, 1949, 1956, 1958, 1963, 1971, 1981, 1988, 1993, 2005, 2006, 2007, 2009, and 2010 were reviewed. MCE's interpretation of the aerial photography is provided below:

1938: Scale: 1 inch = 500 feet
 Quality: Poor

Details are difficult to discern on the photograph due to poor quality. The subject property is shown as cleared land with a possible building. The surrounding areas to the north and south-southeast are shown as agricultural. Wooded lands are shown on the surrounding properties to the west and east. Residential homes and barns or buildings are shown on the agricultural properties to the south-southeast and north-northwest of the subject property. Reagan Road and Sweetwater-Juno Road are shown to the north and east, respectively, to the subject property.

1949: Scale: 1 inch = 500 feet
Quality: Fair

The subject property is shown as agricultural land with a building. The surrounding areas to the north-northwest and south-southeast are shown as mixed residential and agricultural lands. Wooded lands are shown on the surrounding properties to the west and east.

1956: Scale: 1 inch = 500 feet
Quality: Poor

The conditions on the subject property and the surrounding areas appear similar to those shown on the 1949 photograph. Two (2) livestock barns are located on the subject property.

1958: Scale: 1 inch = 500 feet
Quality: Poor

The conditions on the subject property and the surrounding areas appear similar to those shown on the 1956 photograph.

1963: Scale: 1 inch = 500 feet
Quality: Poor

Details are difficult to discern on the photograph due to poor quality. The conditions on the subject property and the surrounding areas appear similar to those shown on the 1958 photograph. Additional buildings are shown on the surrounding properties to the north.

1971: Scale: 1 inch = 500 feet
Quality: Poor

Details are difficult to discern on the photograph due to poor quality. The conditions on the subject property and the surrounding areas appear similar to those shown on the 1958 photograph.

1981: Scale: 1 inch = 500 feet
Quality: Poor

The subject property is shown with one (1) mobile home and wooded land. The surrounding areas are predominantly wooded lands with a mix of residential and agricultural lands.

1988: Scale: 1 inch = 500 feet
Quality: Poor

Details are difficult to discern on the photograph due to poor quality. The conditions on the subject property and the surrounding areas appear similar to those shown on the 1981 photograph.

1993: Scale: 1 inch = 500 feet
Quality: Fair

The subject property is shown with two (2) additional buildings on the northern portion of the property. Residential homes are shown on the eastern and southern properties

located to the east of the subject property along Sweetwater-Juno Road. Surrounding areas to the north-northeast are shown predominately wooded and mixed residential and agricultural lands.

2005: Scale: 1 inch = 500 feet
Quality: Fair

The subject property is shown as a residential property with one (1) mobile home. The surrounding areas to the north, northeast, west and east are shown predominantly wooded. Residential houses are to the northeast, south, and southeast of the subject property. Agricultural land is also shown on the residential property to the southeast of the subject property and on the surrounding areas to the northeast.

2006: Scale: 1 inch = 500 feet
Quality: Fair

The conditions on the subject property and the surrounding areas appear similar to those shown on the 2005 photograph.

2007: Scale: 1 inch = 500 feet
Quality: Good

The conditions on the subject property and the surrounding areas appear similar to those shown on the 2006 photograph.

2009: Scale: 1 inch = 500 feet
Quality: Good

The conditions on the subject property and the surrounding areas appear similar to those shown on the 2007 photograph.

2010: Scale: 1 inch = 500 feet
Quality: Good

The conditions on the subject property and the surrounding areas appear similar to those shown on the 2009 aerial photograph.

No evidence of environmental concerns could be discerned from the historical aerial photographs. The EDR Aerial Photo Decade Package is included as **Appendix E**.

7.3 Tax Records

The Dawson County Tax Assessor's database was searched for records containing information about the past uses and development history of the subject property. The Dawson County Tax Assessor's database lists the subject property as one (1) parcel identified as Tax ID: 054 021. Improvements to the subject property include an approximately 96-square foot storage building constructed in 2000 and one (1) approximately 924-square foot mobile home built in 1989. Ms. Mary Bailey and Mr. John Bailey are listed as the most recent owners of the subject property acquired from a sale dated January 15, 1993. No evidence of RECs were identified in the tax documentation. Tax documentation is included in **Appendix F**.

7.4 Environmental Liens and Activity and Use Limitations

A deed search for environmental liens (ELs) and activity and use limitations (AULs) was not included in the scope of work for this Phase I ESA report. However, a variety of state and federal databases (including the CERCLA Liens database, federal and state institutional controls databases, and Brownfield sites databases) were searched as part of the regulatory agency database review detailed in Section 9 of this report. No ELs or AULs related to the subject property were identified during the database review.

7.5 Chain of Property Ownership

A chain-of-title review was not included in the scope of services for this assessment.

8 PREVIOUS REPORTS AND RECORDS REVIEW

No previous environmental reports for the subject property were provided by the user or current owner. Since this property was not identified during the environmental agency database review summarized in Section 9, an additional agency file review was not conducted.

9 ENVIRONMENTAL DATABASE REVIEW

MCE utilized Environmental Data Resources, Inc. (EDR), a national environmental database research provider, to provide a Radius Map Report for the subject property. This database report is used to provide a summary of regulatory agency database entries regarding facilities within the ASTM E1527-13 search radii. The EDR research addresses state and federal databases that identify potential environmental sites of concern near the subject property. The requirements outlined in ASTM E1527-13 state that certain databases must be searched. The databases to be searched are as follows:

- Federal National Priority List (NPL) and equivalent State and Tribal databases;
- Federal Delisted NPL sites;
- Federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) and equivalent State and Tribal databases;
- Federal CERCLIS No Further Remedial Action Planned (NFRAP) database;
- Federal Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) database;
- Federal RCRA non-CORRACTS Hazardous Waste Treatment, Storage, and Disposal (TSD) facility database;
- Federal RCRA Hazardous Waste Generators database;
- Federal Engineering and Institutional Controls Site Lists and equivalent State and Tribal databases;
- Federal Emergency Response Notification System (ERNS) database;
- State and Tribal Solid Waste Landfill (SWLF) and Solid Waste Disposal Sites database;
- State and Tribal Leaking Underground Storage Tank (LUST) database;
- State and Tribal Registered Underground Storage Tank (UST) database;

- State and Tribal Registered Above Ground Storage Tank (AST) database;
- State and Tribal Voluntary Cleanup Sites database; and
- State and Tribal Brownfield Sites database.

In addition, ASTM E 1527-13 states that other record sources should be searched, provided that they are reasonably ascertainable, sufficiently useful, and generally used during similar Phase I Environmental Site Assessments. A partial listing of additional record sources reviewed by MCE includes the following:

- Department of Defense Sites (DOD) and Formerly Used Defense Sites (FUDS) databases;
- Superfund Consent Decree (CONSENT) database;
- Records of Decision (ROD) database;
- Toxic Chemical Release Inventory System (TRIS) database;
- Toxic Substances Control Act (TSCA) database;
- PCB Activity Database (PADS);
- Facility Index System/Facility Registry System (FINDS) database;
- Spills Information (SPILLS) database; and
- Drycleaners Database (DRYCLEANERS).

A complete listing of all databases searched during the environmental agency database review and a detailed listing of all findings is provided in the Environmental Data Resources Radius Map Report included as **Appendix G**.

9.1 Subject Property

The subject property was not identified in any of the environmental databases.

9.2 Off-site Properties

No off-site properties in any of the environmental databases.

9.3 Orphan and Un-plotted Sites

No orphan and un-plotted sites were listed in the EDR database search. An orphan site is one with insufficient address information to be mapped in the database report. A copy of the Environmental Database Report is included in **Appendix G**.

10 SITE RECONNAISSANCE

On October 11, 2017, MCE conducted a physical reconnaissance of the subject property to evaluate for the presence of “recognized environmental conditions”. The observations made during the site reconnaissance are described below.

10.1 Hazardous Chemical or Petroleum Storage

No evidence of hazardous chemicals or petroleum products was observed at the subject property.

10.2 Unidentified Substance Containers

No evidence of unidentified substance containers was observed on the subject property.

10.3 Potential Polychlorinated Biphenyls (PCBs)

One (1) pole-mounted transformer was observed on the northern portion of the subject property extending onto a pole east of the mobile home. Several pole-mounted transformers were observed adjacent to the subject property along Sweetwater-Juno Road. PCB-containing oils have generally been phased out of service over the past several decades. Contamination resulting from equipment owned by a public utility is not considered a potential source of liability for a property owner.

10.4 Hydraulic Equipment

No evidence of hydraulic equipment was observed on the subject property.

10.5 Drains and Sumps

No evidence of drains or sumps was observed on the subject property.

10.6 Pits, Ponds, or Lagoons

No evidence of pits, ponds, or lagoons was observed on the subject property..

10.7 Wastewater

No evidence of wastewater treatment was observed on the subject property.

10.8 Structural Staining or Corrosion

No structural staining or corrosion was observed on the subject property.

10.9 Stained Soil or Pavement

No evidence of stained soil or pavement was observed on the subject property.

10.10 Stressed Vegetation

No evidence of stressed vegetation was observed at the subject property.

10.11 Solid Waste & Materials

Solid waste and materials in the form of trash, household items, bedding, tires, and other miscellaneous debris were observed around the mobile home on the subject property. These items and solid waste are not a REC.

10.12 Wells

No wells were observed on the subject property due to overgrown vegetation. A well is located on the subject property as indicated by the User.

10.13 Septic Systems

No evidence of a septic system was observed on the subject property, but is assumed to be present.

11 VAPOR ENCROACHMENT CONDITIONS

MCE conducted a vapor migration screening survey of the subject property to assess the risk of “vapor encroachment conditions” (VECs) on the subject property. The scope of this screening was limited to visual observations and review of the environmental database records, and did not include the collection and laboratory analysis of air samples to confirm the presence of airborne contaminants by vapor intrusion. A VEC is defined by ASTM Standard E2600-10 standard as, “the presence or likely presence of chemicals of concern (COC) vapors in the sub-surface of the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property...” Based on the ASTM Standard E 1527-13 definition of a REC (as defined in Section 3.1), a VEC constitutes a REC. It is important to note that this vapor migration screening survey is not intended to satisfy ASTM Standard E2600-10, a Tier 1 or Tier 2 investigation, nor does it imply that ASTM Standard E2600-10 must be applied to achieve compliance with all appropriate inquiries.

Based on MCE’s site observations and review of available environmental databases, MCE did not identify any conditions on the subject property or on adjoining properties that would indicate a REC relative to vapor migration exists at the subject property.

12 FINDINGS

The following is a summary of the findings of this assessment:

- The subject property consists of one (1) parcel totaling 2.5 acres and contains one (1) mobile home surrounded by woods and grass;
- According to historical information, the subject property has been agricultural land from at least 1938 and predominantly residential property from at least 1964 to the present;
- The subject property was not identified in any of the databases.
- No off-site properties were identified in the environmental databases; and
- Site reconnaissance did not reveal any RECs for the subject property.

The findings listed above were used to develop the following conclusions and recommendations.

13 CONCLUSIONS AND RECOMMENDATIONS

MCE has completed a Phase I Environmental Site Assessment of the property located at 3145 Sweetwater-Juno Road in Dawsonville, Dawson County, Georgia in conformance with the scope and limitations ASTM Practice E1527-13. Any exceptions to, or deletions from this practice are described in Section 3.3 of this report.

Based upon our observations and information gathered during the Phase I ESA, MCE has not identified evidence of recognized environmental conditions in connection with the subject property. No additional site assessment activities are recommended at this time.

14 REFERENCES

ASTM, 2013. American Society for Testing and Materials (ASTM). Standard E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," 2013.

Environmental Data Resources, Inc. (EDR) The EDR Aerial Photo Decade Package, dated October 5, 2017, Inquiry Number: 5069195.6.

Environmental Data Resources, Inc. (EDR) The EDR Historical Topo Map Report, dated October 5, 2017, Inquiry Number: 5069195.5.

Environmental Data Resources, Inc. (EDR) The EDR Radius Map Report, dated October 5, 2017, Inquiry Number: 5069195.2s.

U.S. Geological Survey. *Juno Quadrangle, Georgia* [map]. Photorevised 2014. 1:24,000. 7.5 Minute Series. Reston, VA: United States Department of the Interior, USGS, 2014.

Figures

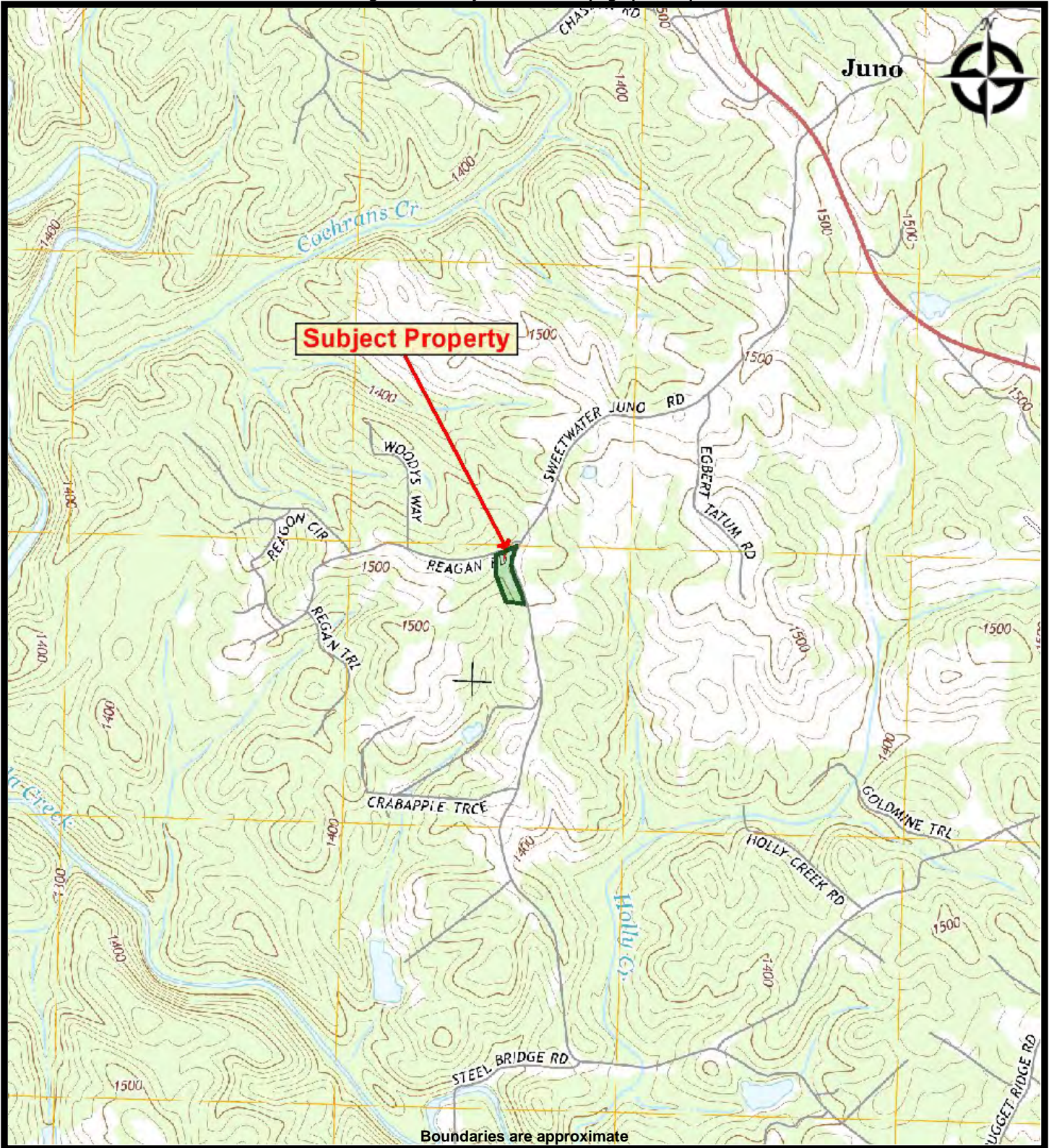


FIGURE 1: TOPOGRAPHIC MAP
2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, Dawson County, Georgia 30534
DC-1701-1



FIGURE 2: SITE VICINITY MAP
2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, Dawson County, Georgia 30534
DC-1701-1

Photo Source: Google Earth
Property Boundary Approximate

Appendix A
Environmental Professional Qualifications



Daniel L. Centofanti, PG

Senior Geologist

1818 Perimeter Road

Dawsonville, Georgia 30534

Office: 706-579-1607

Mobile: 770-380-1488

E-Mail: millcreek1@windstream.net

SUMMARY OF EXPERIENCE

Mr. Centofanti has 25 years experience conducting and directing environmental site investigations and remediation actions for a wide variety of property types, including petroleum facilities, dry cleaners, landfills, industrial facilities, hazardous waste handling operations, waste disposal sites, and many others. He has spent the past 18 years as Technical Director of Mill Creek Environmental, LLC (MCE). His duties at MCE include directing a team of 10-15 project professionals and he has managed and reviewed many hundreds of project reports and technical designs for commercial, industrial, government, and residential clients. His responsibilities have included all aspects of project execution, proposal and budget preparation, management, technical direction of project staff, procurement and management of subcontractors, and regulatory communications.

Mr. Centofanti has directed several hundred subsurface investigations and remedial actions that involved monitoring well installation, soil boring and classification, potential receptor surveys, risk assessment, contaminant fate and transport evaluation and modeling, utility surveys, records review, land surveying, and detailed report preparation. One of his specialties is assessment of fractured bedrock aquifer systems where he has experience in bedrock drilling methods, borehole geophysical logging, groundwater tracer studies, groundwater modeling, aquifer testing, and geochemical evaluation. His technical experience includes successful site remediation projects using innovative techniques such as monitored natural attenuation, bioremediation, phytoremediation, in-situ chemical oxidation, and high vacuum extraction, as well as conventional techniques such as soil vapor extraction, air sparging, and groundwater pump and treat. Mr. Centofanti also has years of experience working with local governments in managing solid waste landfills, where he has directed permitting, modifications, cover design, contaminant migration assessment, statistical evaluation, methane migration control and abatement, and remedial action planning.

Mr. Centofanti's recent focus has been on the real estate sector, where he has completed and directed many hundreds of assessment and permitting tasks for real estate transaction and development, including Phase I and II ESAs, soil classification for septic and land application systems, groundwater exploration and development, erosion control and stormwater management planning and design, wetland and stream delineation and permitting, and civil site plan development.

Mr. Centofanti is intimately familiar with many regulatory programs and guidelines and has completed many projects regulated under the following Georgia regulatory programs: Underground Storage Tank Management, Hazardous Waste Management, Hazardous Site Response, On-Site Sewage Management Systems, Solid Waste Management, Groundwater Use, Safe Drinking Water, Water Quality Control, and others. In addition, Mr. Centofanti has completed many projects in other states with similar regulatory programs and has the capability to review regulatory requirements and guide facility owners, managers, and potential purchasers on the appropriate measures needed to comply with applicable regulations.

Mr. Centofanti also has extensive experience as a Certified Soil Classifier where he has directed many hundreds of soil classification projects for on-site sewage management systems. He has also designed many septic systems and provided cost effective solutions for failing septic systems. Mr. Centofanti is also a Level II Certified Design Professional, licensed by the GSWCC for preparing Erosion Sedimentation and Pollution Control Plans, Comprehensive Monitoring Plans, and designing best management practices for a wide variety of sites. Mr. Centofanti also has a Georgia Class 4 Water operator license and has directed the permitting, installation, and operation of small non-community public water systems.

PROJECT EXPERIENCE

Projects on which Mr. Centofanti has been involved include the following:

- Project Manager/Senior Geologist/Staff Geologist for the assessment and remediation of chlorinated solvent and other contamination plumes originating from industrial or dry cleaning facilities. Duties included all aspects of detailed subsurface and hydrogeologic investigations, including drilling, sampling, extensive research, evaluation of the fate and transport of contaminants in different aquifer materials, regulatory and affected party correspondence, public relations, remedial action plan preparation, property restoration, and site closure. Duties on these projects required working knowledge of applicable Georgia Hazardous Site Response Act (HSRA), Federal Resource Conservation and Recovery Act (RCRA), and US Environmental Protection Agency (EPA) regulations and guidelines. Project types included large US Air Force Base Closures, Hazardous Waste Treatment Storage and Disposal facilities, industrial facilities, and smaller dry cleaners and auto repair shops.
- Project Manager/Project Geologist for commercial and government clients from 1994-present for petroleum and hazardous materials release sites. Projects included a 30,000 gallon gasoline spill, a release into a major drinking water aquifer in the Georgia Piedmont, many spills and releases from bulk storage terminals, and assessment and remediation at several hundred of retail gasoline service stations and government owned facilities throughout the southeast. Duties included management of emergency response, initial abatement, detailed investigations, contractor management, product recovery, risk assessment, property transaction, public notification, and regulatory liaison. Successful remediation actions included excavation, soil vapor extraction, monitored natural attenuation, groundwater pump and treat, in-situ chemical oxidation, bioremediation, and phytoremediation.

Resume of Daniel L Centofanti, PG
June 2015

- Technical Director for the completion of hundreds of property transaction assessments, including Phase I and II Environmental Site Assessments, Georgia Level 3 Soil Surveys, septic system design and permitting, erosion control plans, stormwater system design and permitting, groundwater exploration and development, and wetland delineation.
- Project Manager/Project Geologist for municipal landfill assessment and remediation sites from 2005-present. Duties included hydrogeologic assessment, statistical analysis, property acquisition, permitting, methane abatement, and impermeable cover design and installation.
- Task Manager/Project Geologist for the Geology and Soils sections of Ocoee Olympic Whitewater Venue Environmental Impact Statement prepared for the USFS. Duties included detailed geologic mapping, sediment and water sampling, project team coordination, impact analysis, alternative evaluation, mitigation plan development, and report preparation.

In addition to the project experience listed above, Mr. Centofanti has additional experience on a wide variety of other types of environmental services and projects, including permitting, planning, expert and litigation support, and others.

EDUCATION

Bachelor of Science in Environmental Geology
Minor in Chemistry
Georgia State University, 1990

EMPLOYMENT HISTORY

1997-Present – Mill Creek Environmental, LLC, Dawsonville GA
Executive Vice President, Technical Director, Project Manager

1994-1997 – Environmental Corporation of America, Alpharetta, GA
Project Manager, Project Geologist

1991-1994 – Parsons Engineering Science, Atlanta, GA
Project Manager, Staff Geologist

1988-1989 – US Geological Survey Water Resources Division, Doraville, GA
Intern, Water Resources Technician

1986-1987 – Georgia Department of Natural Resources, Historic Preservation Section, Atlanta, GA
Intern, File Room Manager

PROFESSIONAL REGISTRATIONS

Licensed Professional Geologist:

Georgia #1321
North Carolina #1557
South Carolina #2124
Tennessee #3739
Alabama #250
Mississippi #0121

ASTM Environmental Professional

Georgia Certified Soil Classifier for On-Site Sewage Treatment Systems, March 21, 2001

Georgia Certified Soil and Erosion Control Technician

GSWCC Level II Design Professional, Certificate #0000054973

Georgia Class 4 Water Operator, License #W4-002262

OSHA HAZWOPER Hazardous Materials Technician (40 hours)

OSHA 8-Hour HAZWOPER Refreshers, 1991-2015

Standard First Aid and Adult CPR

PROFESSIONAL AFFILIATIONS

American Institute of Professional Geologists MEM-0394

National Ground Water Association

Atlanta Geological Society

Georgia Water Pollution Control Association

Appendix B
Site Photographs



View of the subject property, facing southwest.



Northern portion of the subject property, facing northeast.



Southeast portion of the subject property, facing northwest.



Grassed driveway or parking area, facing west.



Mobile home on the subject property, facing south.



Woods on the northern and southern portions of the subject property, facing west.



Western side of the mobile home, facing north.



Back porch on western side of the mobile home, facing east.



Western side of the mobile home, facing southeast.



Western side of the mobile home, facing south



Tires in the woods along the western boundary of the subject property, facing west.



Stairs in the woods along the western boundary of the subject property, facing west.



Southern side of the mobile home, facing west.



Eastern side of the mobile home, facing northwest.



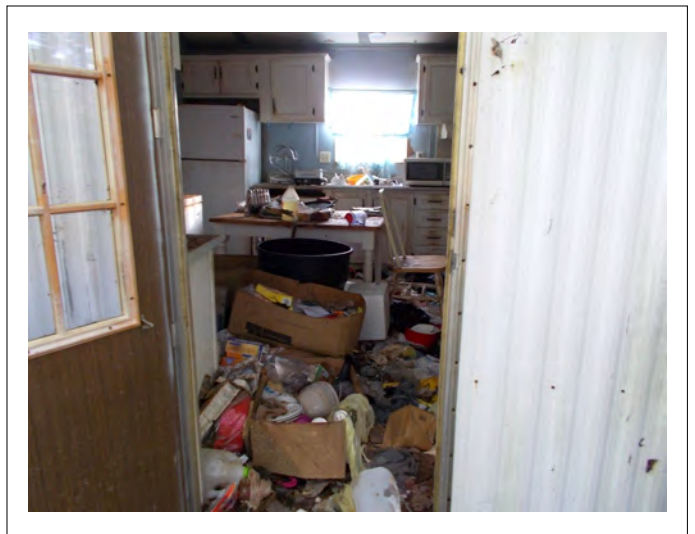
Eastern side of the mobile home, facing west.



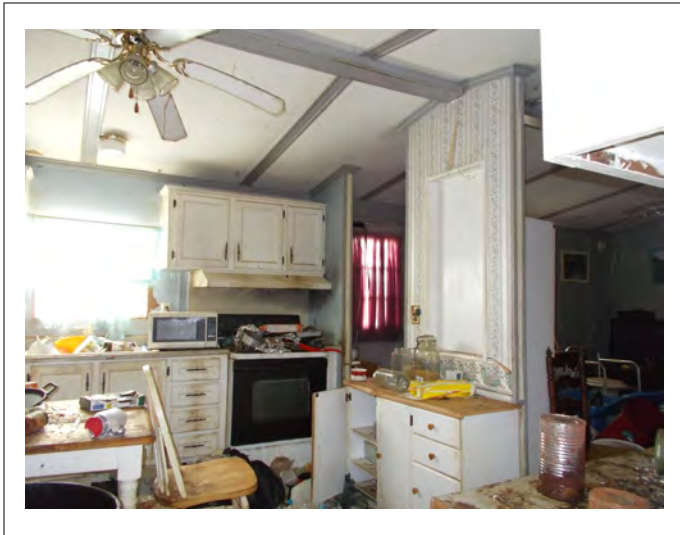
Front entrance on the eastern side of the mobile home, facing west.



Northern side of the mobile home, facing southwest.



Interior of the mobile home, facing east.



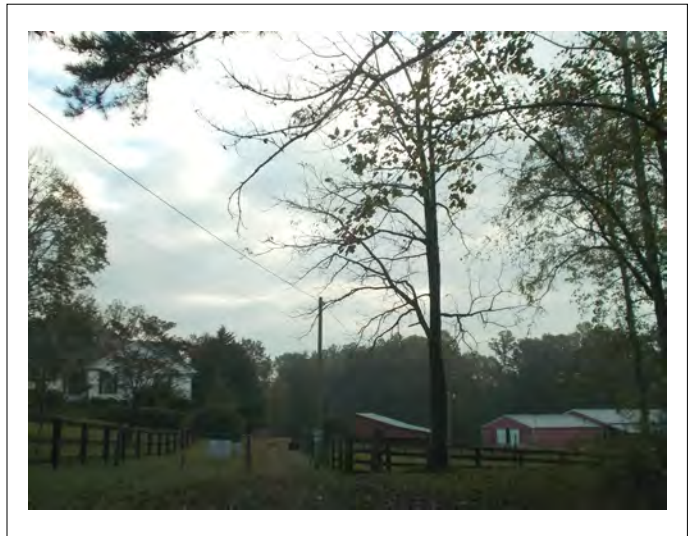
Interior of the mobile home, facing southeast.



Interior of the mobile home, facing south.



Adjoining property to the south, facing west.



Adjoining property to the southeast, facing east.



Adjoining property to the east, facing east.



Adjoining property to the west, facing west.

Appendix C
Interview and Agency Contact Documentation



SUBJECT PROPERTY:

2.5-Arce Residential Parcel
3145 Sweetwater Juno Road
Dawsonville, Georgia 30534

ENVIRONMENTAL USER QUESTIONNAIRE

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendment*") the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

If the user has ordered a chain of title report and/or title examination, if provided, then MCE can review and include findings in the Phase I ESA report for an additional fee.

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens that are filed or recorded under federal, tribal, state, or local law?

None

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in registry under federal, state, local, or tribal law?

None

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the user of the ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining property so that you would have specialized knowledge of the chemicals and processes of this kind of business?

There is a drinking water well located on the property formerly utilized for potable water to serve the residential

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the property?

the price will reflect a property appraisal currently underway

(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

- (a) Do you know the past uses of the property? **residential**
- (b) Do you know of specific chemicals that are present or once were present at the property? **none**
- (c) Do you know of spills or other chemical releases that have taken place at the property? **no**
- (d) Do you know of any environmental cleanups that have taken place at the property? **no**

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of the ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

no

Signature: 

Print Name: David McKee

Date: 10-5-2017



Phase I ESA Questionnaire

INSTRUCTIONS: Please complete to the best of your knowledge and return to:

Mill Creek Environmental, LLC
1818 Perimeter Road
Dawsonville, Georgia 30534
Fax: 706 265-4916
Phone: 706 579-1607

Completed by: _____ Title: _____ Date: _____

Relationship to property: _____ Length of association with the property: _____

Phone: _____ Email: _____

GENERAL INFORMATION

Property Name: _____

Address: _____

City, State, Zip: _____

Please describe the current use of the property: _____

PROPERTY INFORMATION

Property Size (in acres): _____ # of Buildings: _____

Gross Building Square Footage: _____ # of Tenant Spaces: _____

Net Rentable Square Footage: _____ # of Parking Spaces: _____

Date of Construction: _____ # of ADA Parking Spaces: _____

Date and Type of Any Renovations: _____

Please attach a Property Site Plan (if available) and a current Tenant List or Rent Roll (if applicable) to the returned Questionnaire

1818 Perimeter Road • Dawsonville, GA 30534
706-579-1607 PHONE • 1-706-265-4916 FAX • www.millcreekenvironmental.com

PREVIOUS REPORTS, DOCUMENTS AND OWNERS

1. Are you aware if a previous Environmental Assessment has ever been performed on the subject property? If yes, are you aware of the recommendations made in the report or please provide a copy of the report?

Yes No Do not Know

2. Do you have any other environmentally associated documents, such as compliance audits, environmental permits (such as an NPDES permit, boiler permit, wastewater permit), registrations (such as for a underground storage tank) or material safety data sheets? If yes, please provide a copy of the document(s)

Yes No Do not Know

3. Can you provide contact information (name and phone number) of the previous owner of the property? If yes, please provide below.

Yes No Do not Know

HISTORICAL & PRESENT USAGE/SITE CONDITIONS – SUBJECT AND ADJOINING PROPERTIES

1. Are you aware of the prior use of the subject property, i.e., any previous development, undeveloped? If so, please describe.

2. Has fill dirt ever been brought onto the subject property that originated from a contaminated site or from an unknown source?

Yes No Do not Know

3. Are there currently or have there ever been any pits, ponds or lagoons on the subject property utilized in connection with waste treatment or waste disposal?

Yes No Do not Know

4. Are you currently aware of or have there ever been any hazardous substances, petroleum products, tires, car or industrial batteries, pesticides or other chemicals or waste materials that have been dumped, buried or burned on the subject property?

Yes No Do not Know

5. Have any of the adjoining properties ever been used for industrial purposes? (including but not limited to a gas station, dry cleaner, auto repair facility, landfill, waste treatment, printing facility etc)? If yes, please describe.

Yes No Do not Know

6. Are any of the adjoining properties currently being used for industrial purposes? If yes, please describe.

Yes No Do not Know

7. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No Not Applicable

8. If the subject property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system or that the well has been designated as contaminated by any government environmental/health agency? If an on-site well is present, please attach a copy of the most recent water quality testing report.

Yes No Not Applicable

AAI and REGULATORY QUESTIONS

1. Are you aware of any past or current existence of hazardous substances, specific chemicals, or petroleum products on the subject property or any facility located on the property?

Yes No Do not Know

2. Are you aware of any past or current spills or other chemical releases that have taken place at the property?

Yes No Do not Know

3. Do you know of any clean ups (with respect to hazardous substances, specific chemicals, or petroleum products) that have occurred at the property?

Yes No Do not Know

4. Are you aware, based on your knowledge of the property, if there are any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes No Do not Know

5. Do you have any knowledge of filed or recorded environmental cleanup liens under federals, state or local law or governmental notification relating to past or recurrent violations of environmental laws with respect to the subject property or any facility located on the property?

Yes No Do not Know

6. Are there any potential or pending lawsuits or administrative actions concerning a release or threatened release of hazardous substances or petroleum product involving the subject property or any facility located on the property?

Yes No Do not Know

7. Are you aware of any areas of activity or use limitations (AULs) such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been recorded or filed in a registry under federal, state or tribal law?

Yes No Do not Know

8. (Answer this question only if this is an acquisition) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If there is a difference, have you considered or determined whether the lower price is because contamination is known or believed to be present at the property?

Yes No Do not Know

STORAGE TANKS AND DRAINS

1. Are there currently or are you aware if there have ever previously been any registered or unregistered storage tanks, aboveground or underground, located on the subject property? If so, please attach copies of documentation such as tank closure/removal reports, tank tightness tests or registration/regulatory information.

Yes No Do not Know

2. Are there currently or are you aware if there have ever previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the subject property?

Yes No Do not Know

3. Are there currently or are you aware if there have ever previously been any current evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the subject property?

Yes No Do not Know

4. If the subject property currently has any registered underground storage tanks please provide the Facility Identification Number and attach any available documentation or records you may have regarding the underground storage tank system: _____ Not Applicable

5. Are there currently or are you aware if there are any current drains on the subject property? A 'drainage system shall include, but limited to, oil water separators, floor drains, floor trenches, clarifiers, sumps, bay drains, dry wells, septic tanks, leach fields, storm water detention ponds, sand traps, grease traps, waste water recycling, etc. If yes, please describe:

Yes No Do not Know/ NA

TRANSFORMERS AND HYDRAULIC EQUIPMENT

1. Are there are any transformers, capacitors, and/or hydraulic equipment, such as lifts or elevators on the subject property?

Yes No Do not Know

2. If yes, are there any records indicating the presence or absence of PCBs in this equipment. If so, please attach copies of this documentation.

Yes No Do not Know

3. Are the transformers owned by the subject property or by the local utility? If owned by the utility, please note the name of the utility.

COMMENTS/ADDITIONAL INFORMATION (If necessary, please provide any additional relevant environmental information that has not been discussed above.)



October 9, 2017

Dawson County Environmental Health Department
189 Highway 53 West, Suite 102
P.O. Box 2020
Dawsonville, Georgia 30534
Fax: (706) 265 - 7529

Subjects: Phase I Environmental Site Assessment
2.5-Acre Residential Parcel
3145 Sweetwater Juno Road
Parcel ID: 051 021
Dawsonville, Dawson County, Georgia 30534

Dear Georgetown DHEC,

Mill Creek Environmental, LLC (MCE) is in the process of completing an Environmental Site Assessment (ESA) for the property referenced above. As required by the standards for ESA preparation, this letter is being sent to request any information you may have concerning the subject property regarding the following items:

- Storage of hazardous substances or petroleum products at the subject property
- Release of petroleum or hazardous materials to the environment at the subject property
- Any other known environmental issues at the subject property

Please call or forward any information that you may have on this property. Your time spent on this matter is greatly appreciated. If you have any questions or information regarding this site, please contact us at 706-579-1607.

Sincerely,
MILL CREEK ENVIRONMENTAL, LLC.

Irene Holak
Environmental Scientist
iholak@millcreekenvironmental.com



October 9, 2017

Dawson County Fire & Rescue Division
393 Memory Lane
Dawsonville, Georgia 30534
Fax: (706) 344 - 3669

Attention: Mr. Tim Satterfield, Deputy Chief/Fire Marshall

Subjects: **Phase I Environmental Site Assessment**
2.5-Acre Residential Parcel
3145 Sweetwater Juno Road
Parcel ID: 051 021
Dawsonville, Dawson County, Georgia 30534

Dear Deputy Chief Satterfield,

Mill Creek Environmental, LLC (MCE) is in the process of completing an Environmental Site Assessment (ESA) for the property referenced above. As required by the standards for ESA preparation, this letter is being sent to request any information you may have concerning the subject property regarding the following items:

- Storage of hazardous substances or petroleum products at the subject property
- Release of petroleum or hazardous materials to the environment at the subject property
- Any other known environmental issues at the subject property

Please call or forward any information that you may have on this property. Your time spent on this matter is greatly appreciated. If you have any questions or information regarding this site, please contact us at 706-579-1607.

Sincerely,
MILL CREEK ENVIRONMENTAL, LLC.

Irene Holak
Environmental Scientist
iholak@millcreekenvironmental.com
www.millcreekenvironmental.com

Appendix D
Historical Topographic Map Report

2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, GA 30534

Inquiry Number: 5069195.5

October 05, 2017

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

10/05/17

Site Name:

2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, GA 30534
EDR Inquiry # 5069195.5

Client Name:

Mill Creek Environmental LLC
1818 Perimeter Road
Dawsonville, GA 30534
Contact: Jake Irwin



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Mill Creek Environmental LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	DC-1701	Latitude:	34.461683 34° 27' 42" North
Project:	Bailey Parcel	Longitude:	-84.206957 -84° 12' 25" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	756564.50
		UTM Y Meters:	3816888.63
		Elevation:	1514.83' above sea level

Maps Provided:

2014
1999
1964
1894
1890

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets



Juno
2014
7.5-minute, 24000

1999 Source Sheets



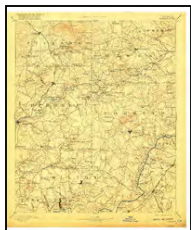
Juno
1999
7.5-minute, 24000
Aerial Photo Revised 1963

1964 Source Sheets



Juno
1964
7.5-minute, 24000
Aerial Photo Revised 1963

1894 Source Sheets

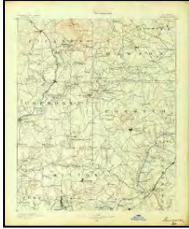


Suwanee
1894
30-minute, 125000

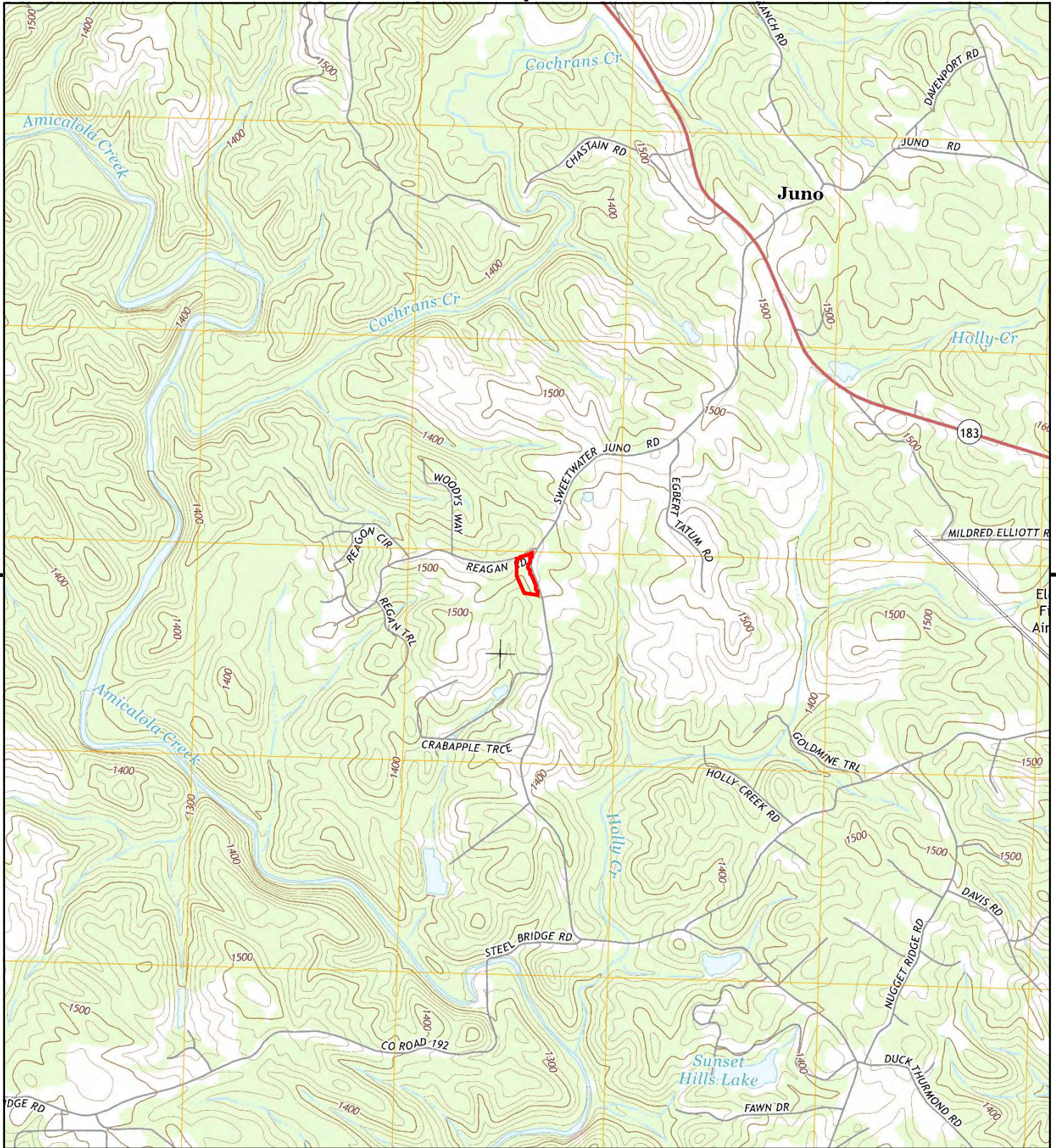
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

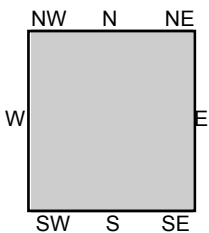
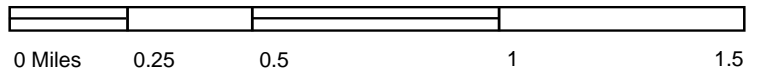
1890 Source Sheets



Suwanee
1890
30-minute, 125000



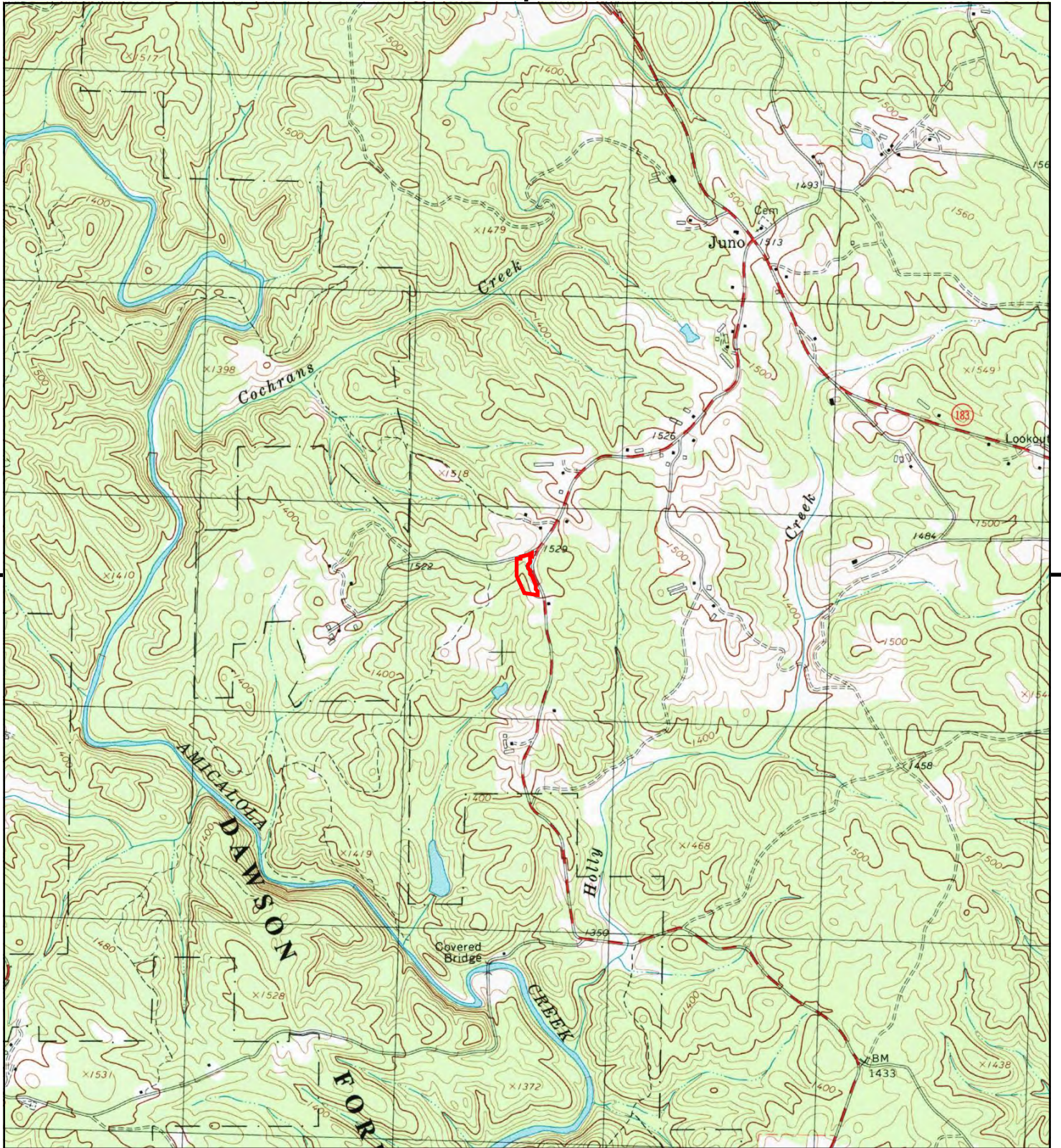
This report includes information from the following map sheet(s).



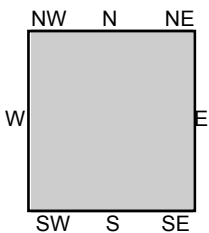
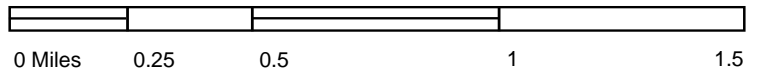
TP, Juno, 2014, 7.5-minute

SITE NAME: 2.5-Acre Residential Parcel
ADDRESS: 3145 Sweetwater-Junio Road
 Dawsonville, GA 30534
CLIENT: Mill Creek Environmental LLC





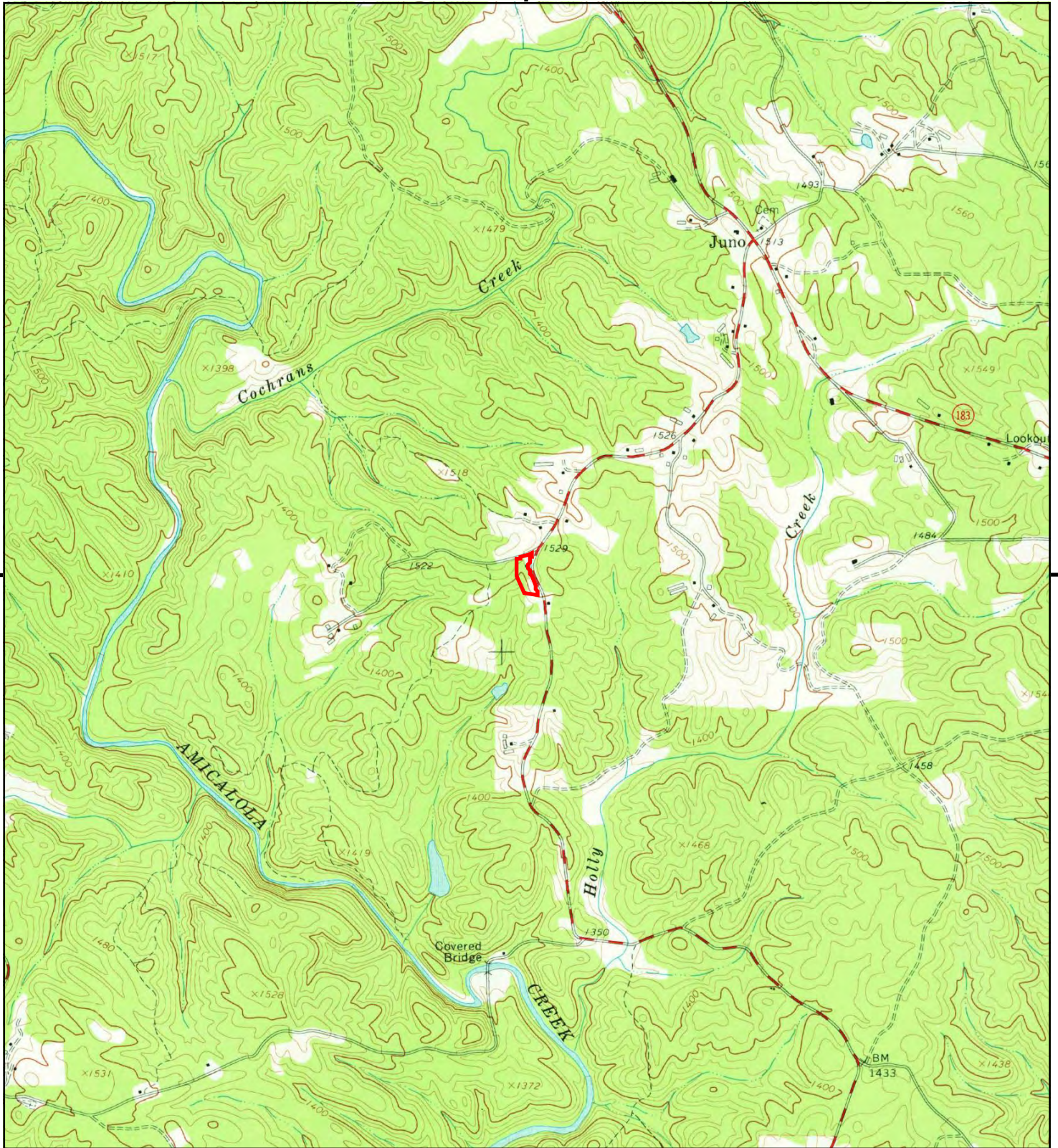
This report includes information from the following map sheet(s).



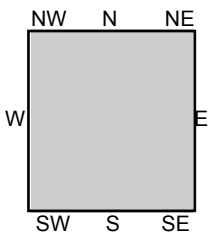
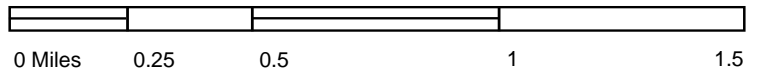
TP, Juno, 1999, 7.5-minute

SITE NAME: 2.5-Acre Residential Parcel
ADDRESS: 3145 Sweetwater-Juno Road
Dawsonville, GA 30534
CLIENT: Mill Creek Environmental LLC





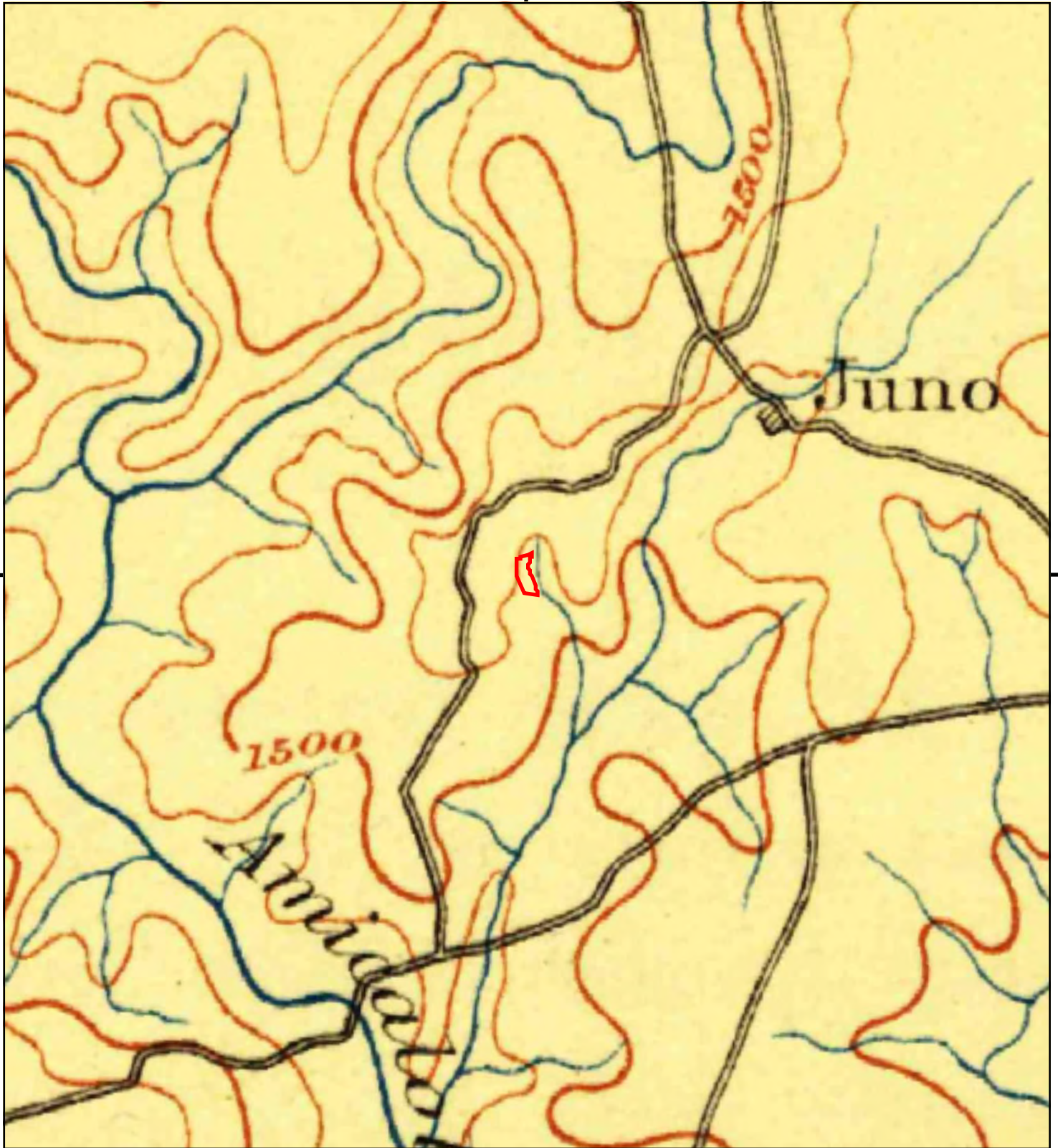
This report includes information from the following map sheet(s).



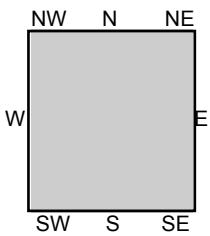
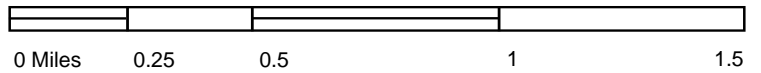
TP, Juno, 1964, 7.5-minute

SITE NAME: 2.5-Acre Residential Parcel
ADDRESS: 3145 Sweetwater-Juno Road
 Dawsonville, GA 30534
CLIENT: Mill Creek Environmental LLC





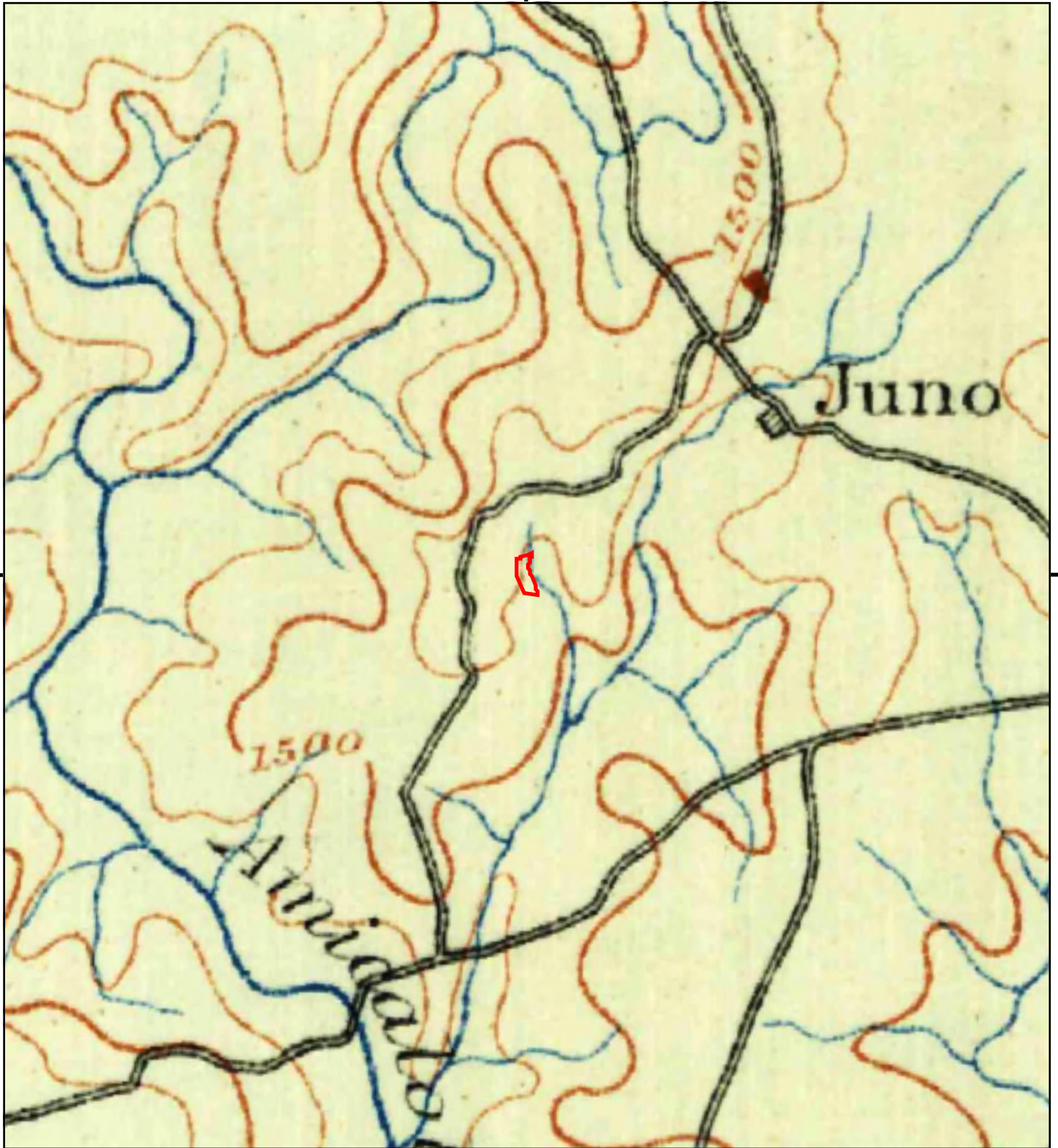
This report includes information from the following map sheet(s).



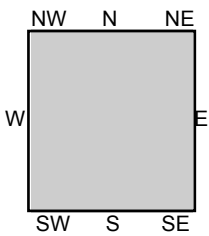
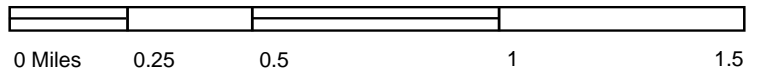
TP, Suwanee, 1894, 30-minute

SITE NAME: 2.5-Acre Residential Parcel
ADDRESS: 3145 Sweetwater-Juno Road
Dawsonville, GA 30534
CLIENT: Mill Creek Environmental LLC





This report includes information from the following map sheet(s).



TP, Suwanee, 1890, 30-minute

SITE NAME: 2.5-Acre Residential Parcel
ADDRESS: 3145 Sweetwater-Juno Road
Dawsonville, GA 30534
CLIENT: Mill Creek Environmental LLC



Appendix E
Aerial Photograph Decade Package

2.5-Acre Residential Parcel

3145 Sweetwater-Juno Road

Dawsonville, GA 30534

Inquiry Number: 5069195.6

October 05, 2017

The EDR Aerial Photo Decade Package



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

Site Name:

2.5-Acre Residential Parcel
 3145 Sweetwater-Juno Road
 Dawsonville, GA 30534
 EDR Inquiry # 5069195.6

Client Name:

Mill Creek Environmental LLC
 1818 Perimeter Road
 Dawsonville, GA 30534
 Contact: Jake Irwin



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1988	1"=500'	Flight Date: January 26, 1988	USGS
1981	1"=500'	Flight Date: March 06, 1981	USDA
1971	1"=500'	Flight Date: March 05, 1971	USDA
1963	1"=500'	Flight Date: October 07, 1963	USDA
1958	1"=500'	Flight Date: January 05, 1958	USGS
1956	1"=500'	Flight Date: April 19, 1956	USDA
1949	1"=500'	Flight Date: December 02, 1949	USDA
1938	1"=500'	Flight Date: April 05, 1938	USDA

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 5069195.6

YEAR: 2010

— = 500'





INQUIRY #: 5069195.6

YEAR: 2009

— = 500'





INQUIRY #: 5069195.6

YEAR: 2007

— = 500'





INQUIRY # 5069195.6

YEAR: 2006

— = 500'





INQUIRY #: 5069195.6

YEAR: 2005

— = 500'





INQUIRY #: 5069195.6

YEAR: 1993

— = 500'





INQUIRY #: 5069195.6

YEAR: 1988

— = 500'



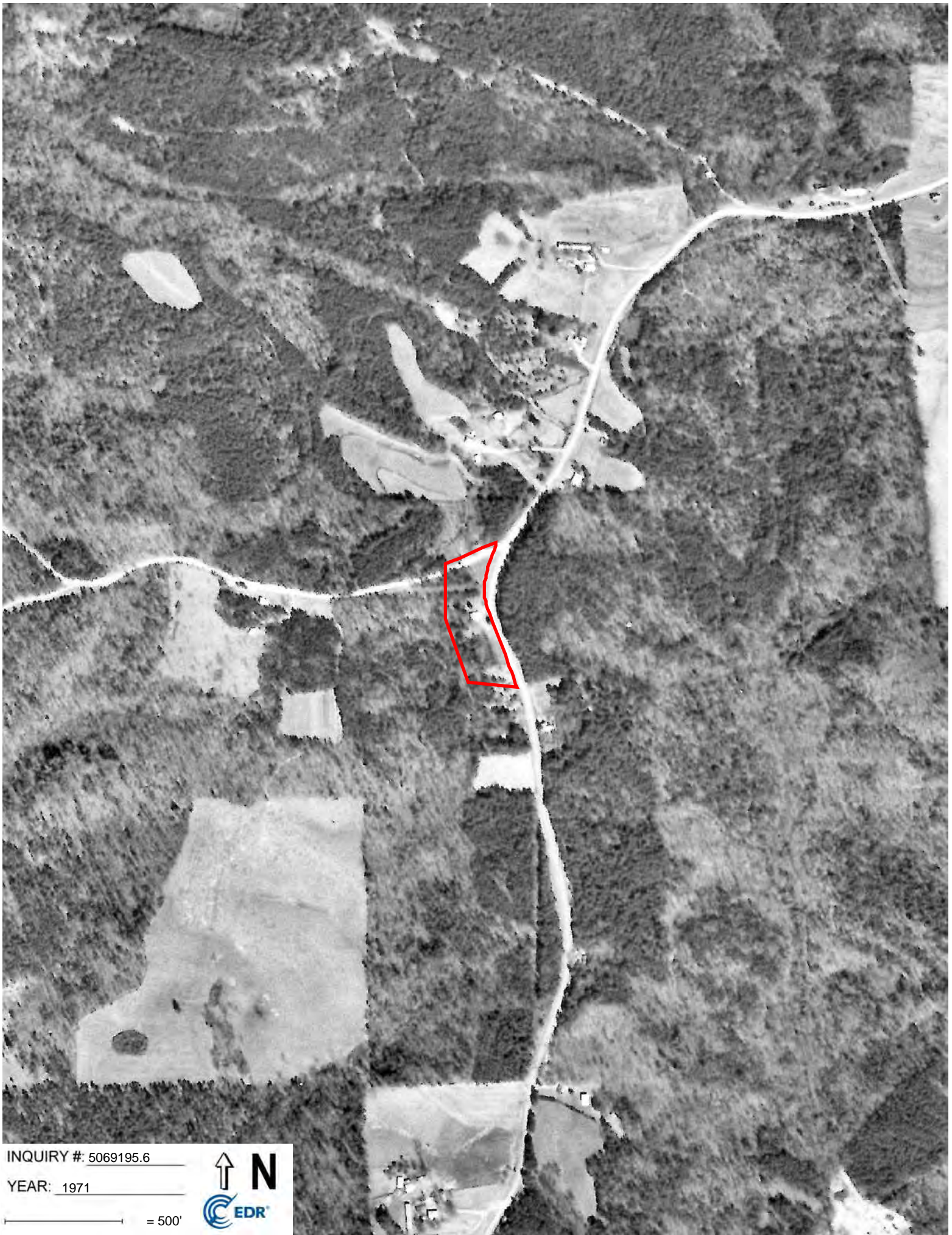


INQUIRY #: 5069195.6

YEAR: 1981

— = 500'





INQUIRY # 5069195.6

YEAR: 1971

— = 500'



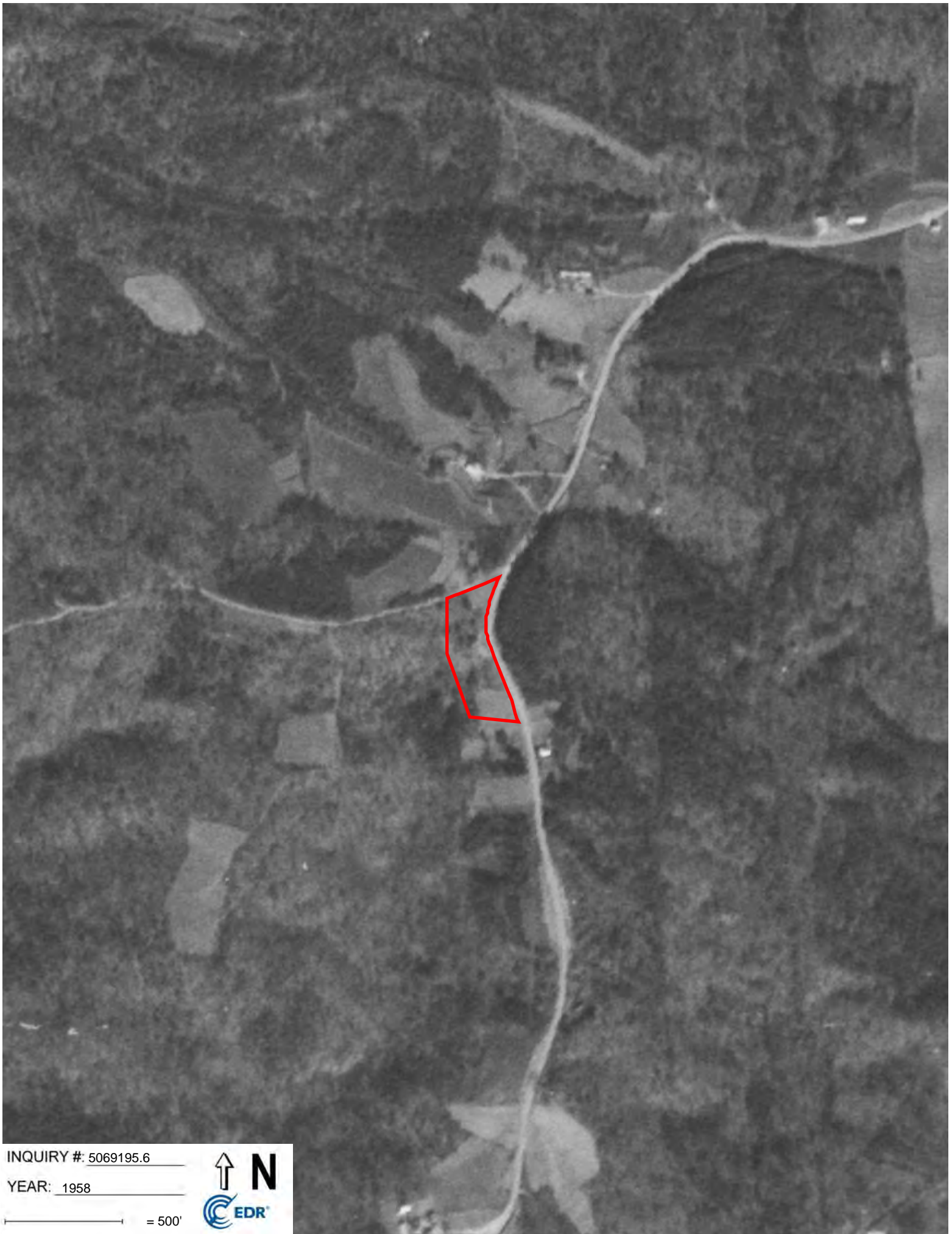


INQUIRY #: 5069195.6

YEAR: 1963

— = 500'





INQUIRY #: 5069195.6

YEAR: 1958

— = 500'



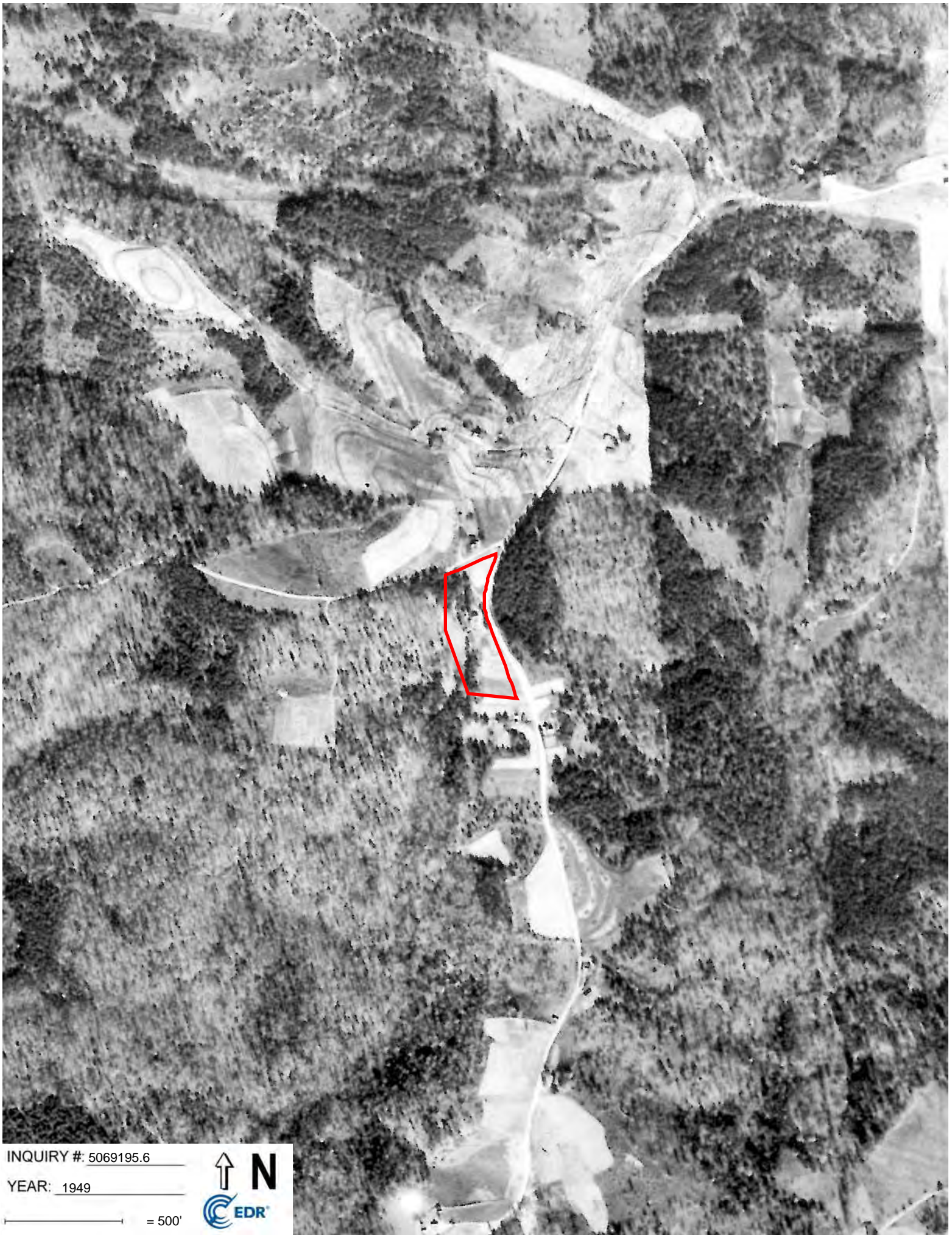


INQUIRY #: 5069195.6

YEAR: 1956

— = 500'





INQUIRY #: 5069195.6

YEAR: 1949

— = 500'





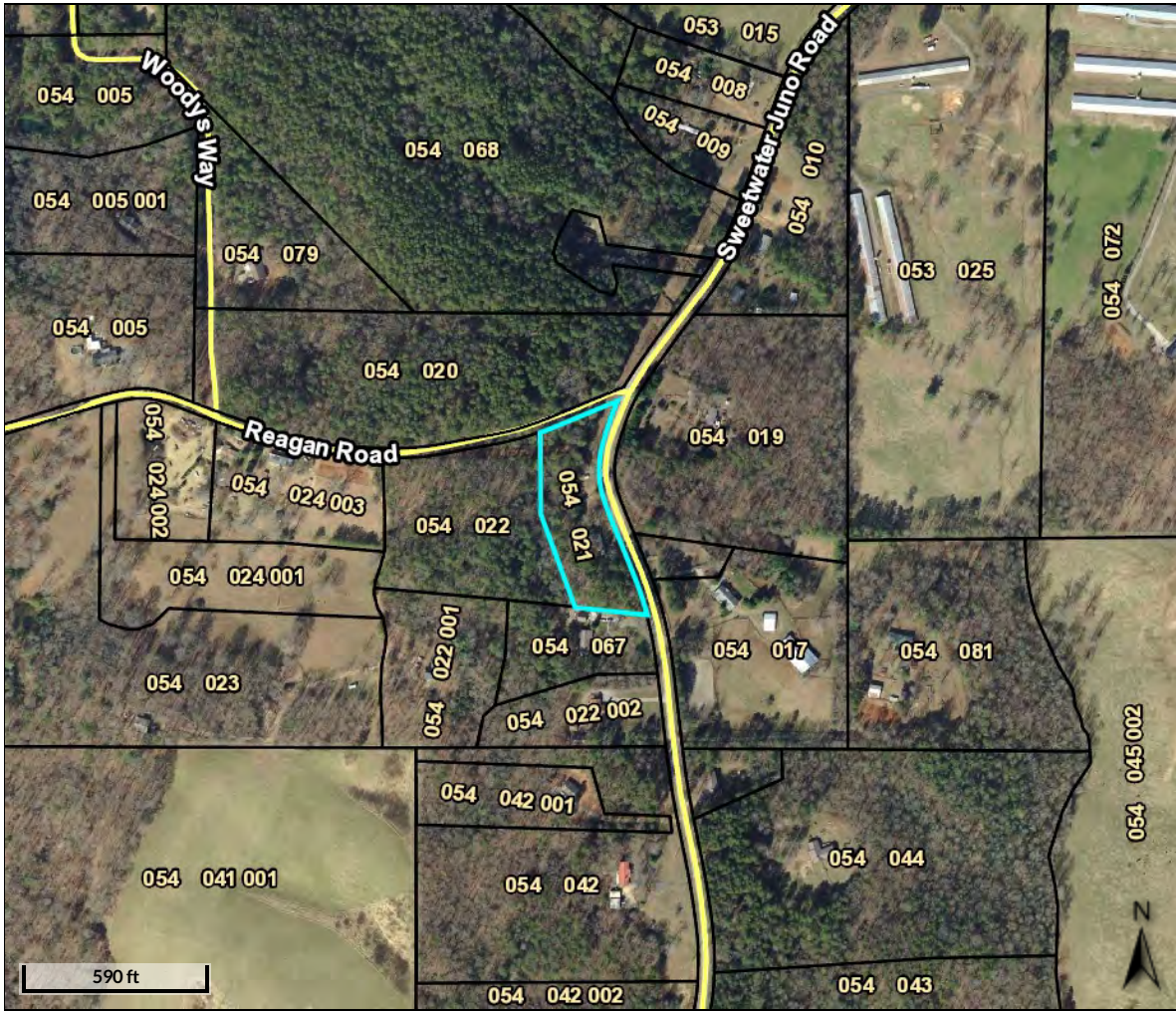
INQUIRY #: 5069195.6

YEAR: 1938

— = 500'



Appendix F
Additional Information



Overview



Legend

- Parcels
- Roads

Parcel ID	054 021	Owner	BAILEY MARY L	Last 2 Sales			
Class Code	Residential		54 NORTHWOODS DR	Date	Price	Reason	Qual
Taxing District	UNINCORPORATED	Physical Address	DAHLONEGA GA 305333186	1/15/1993	\$0	QC	U
	UNINCORPORATED		3145 SWEETWATER JUNO RD	11/22/1988	\$0	QC	U
Acres	2.5	Assessed Value	Value \$23807				

(Note: Not to be used on legal documents)

Date created: 10/2/2017
 Last Data Uploaded: 9/29/2017 3:15:34 PM



Developed by
 The Schneider Corporation

Summary

Parcel Number 054 021
 Location Address 3145 SWEETWATER JUNO RD
 Legal Description LL 57 58 LD 4
 (Note: Not to be used on legal documents)
 Class R3-Residential
 (Note: This is for tax purposes only. Not to be used for zoning.)
 Zoning RA
 Tax District UNINCORPORATED (District 01)
 Millage Rate 24.634
 Acres 2.5
 Neighborhood Amicalola (00001)
 Homestead Exemption Yes (X9)
 Landlot/District N/A

[View Map](#)



Owner

BAILEY MARY L
 54 NORTHWOODS DR
 DAHLONEGA, GA 30533-3186

Rural Land

Type	Description	Calculation Method	Soil Productivity	Acres
RUR	Small Parcels	Rural	6	2.5

Mobile Homes

Style	Manufacturer	Model	YearBuilt	WidthLength	SerialNumber	Condition	Value
Mobile Homes	SUNSHINE	BROOK HAVEN	1989	14 x 66	ALS25180	Poor	\$3

Accessory Information

Description	Year Built	Dimensions/Units	Identical Units	Value
STORAGE BUILDING (FAIR)	2000	8x12 / 1	0	\$6
HOMESITE (2500)	1997	1x0 / 1	1	\$2,500

Sales

Sale Date	Deed Book / Page	Plat Book / Page	Sale Price	Reason	Grantor	Grantee
1/15/1993	163 301	22 177	\$0	Quitclaim	BAILEY JOHN D & MARY	BAILEY JOHN D & MARY
11/22/1988	115 547	22 177	\$0	Quitclaim	BAILEY JOHN D	BAILEY JOHN D & MARY
11/22/1988	115 545	22 177	\$0	Quitclaim		BAILEY JOHN D

Valuation

	2017	2016	2015
Previous Value	\$32,146	\$31,187	\$31,187
Land Value	\$21,298	\$21,298	\$20,339
+ Improvement Value	\$3	\$5,842	\$5,842
+ Accessory Value	\$2,506	\$5,006	\$5,006
= Current Value	\$23,807	\$32,146	\$31,187

Photos

No data available for the following modules: Land, Conservation Use Rural Land, Residential Improvement Information, Commercial Improvement Information, Prebill Mobile Homes, Permits, Sketches.

The Dawson County Assessor makes every effort to produce the most accurate information possible. No warranties, expressed or implied are provided for the data herein, its use or interpretation. The assessment information is from the last certified tax roll. All other data is subject to change.

Last Data Upload: 9/29/2017 3:15:34 PM



Schneider

Developed by
The Schneider
Corporation

Appendix G
Radius Map Report

2.5-Acre Residential Parcel
3145 Sweetwater-Juno Road
Dawsonville, GA 30534

Inquiry Number: 5069195.2s
October 05, 2017

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3145 SWEETWATER-JUNO ROAD
DAWSONVILLE, GA 30534

COORDINATES

Latitude (North): 34.4616830 - 34° 27' 42.05"
Longitude (West): 84.2069570 - 84° 12' 25.04"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 756570.4
UTM Y (Meters): 3816692.8
Elevation: 1511 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6044079 JUNO, GA
Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20151018, 20150915
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
3145 SWEETWATER-JUNO ROAD
DAWSONVILLE, GA 30534

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small 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

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Hazardous Site Inventory

GA NON-HSI..... Non-Hazardous Site Inventory

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

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

State and tribal leaking storage tank lists

LUST..... List of Leaking Underground Storage Tanks

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Underground Storage Tank Database

AST..... Above Ground Storage Tanks

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

EXECUTIVE SUMMARY

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
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Information
SPILLS 90..... 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
2020 COR ACTION..... 2020 Corrective Action Program 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)
MLTS..... 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
FINDS..... Facility Index System/Facility Registry System

EXECUTIVE SUMMARY

ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
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.....	Financial Assurance Information Listing
NPDES.....	NPDES Wastewater Permit List
TIER 2.....	Tier 2 Data Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner.....	EDR Exclusive Historic Dry 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

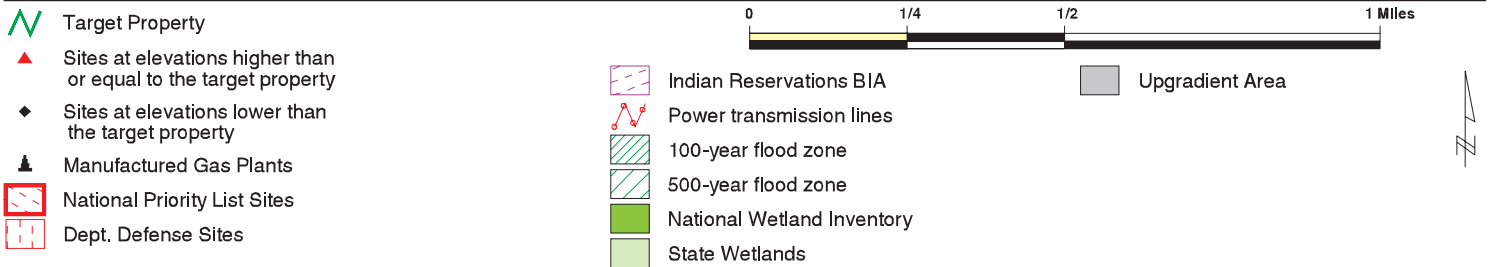
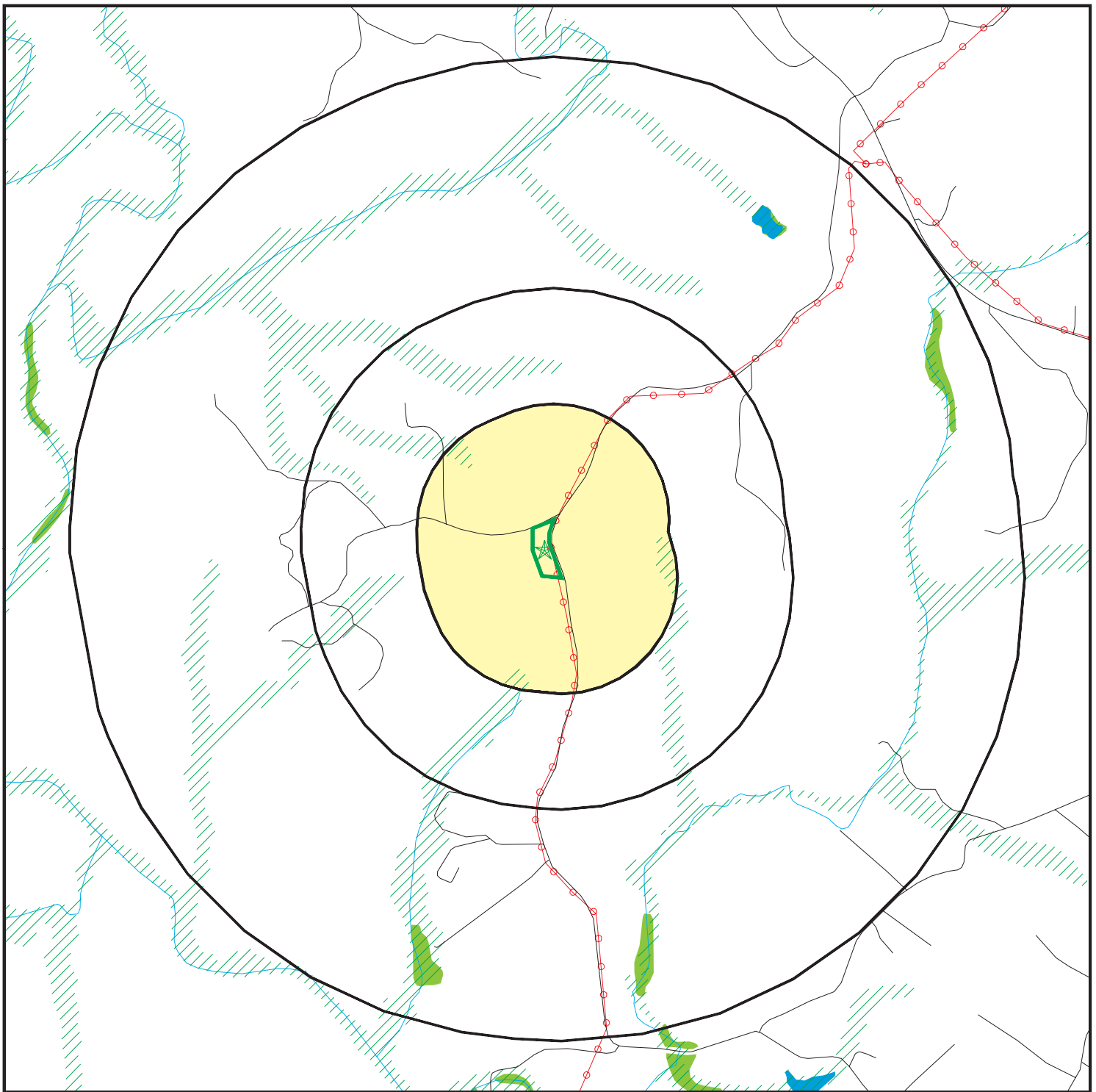
Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5069195.2S

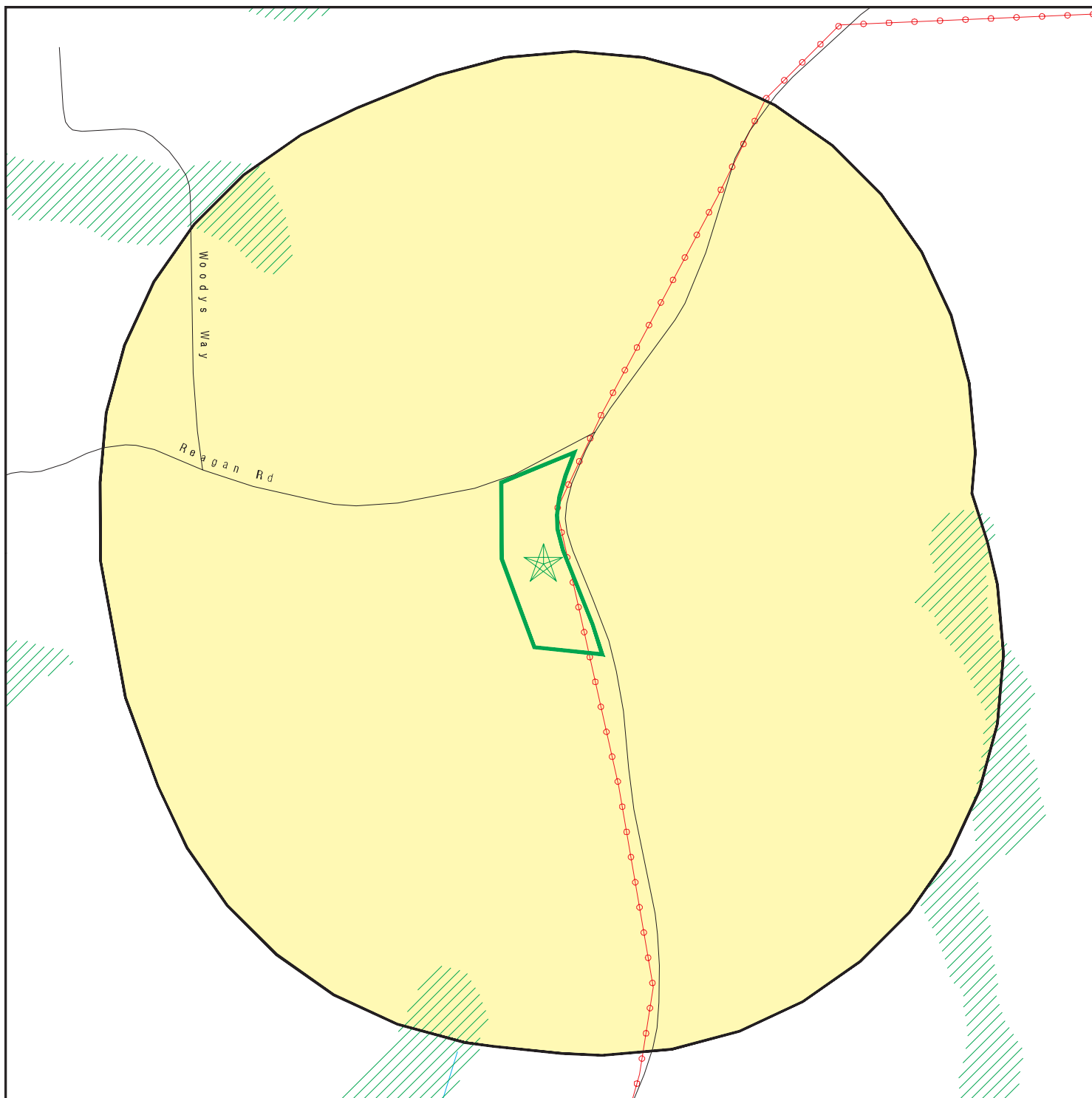









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.





SITE NAME: 2.5-Acre Residential Parcel
 ADDRESS: 3145 Sweetwater-Juno Road
 Dawsonville GA 30534
 LAT/LONG: 34.461683 / 84.206957

CLIENT: Mill Creek Environmental LLC
 CONTACT: Jake Irwin
 INQUIRY #: 5069195.2s
 DATE: October 05, 2017 12:47 pm

DETAIL MAP - 5069195.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2.5-Acre Residential Parcel
 ADDRESS: 3145 Sweetwater-Juno Road
 Dawsonville GA 30534
 LAT/LONG: 34.461683 / 84.206957

CLIENT: Mill Creek Environmental LLC
 CONTACT: Jake Irwin
 INQUIRY #: 5069195.2s
 DATE: October 05, 2017 12:55 pm

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 ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
GA NON-HSI	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
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	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	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
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
TIER 2	0.001		0	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		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.001		0	NR	NR	NR	NR	0
---------	-------	--	---	----	----	----	----	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
NO SITES FOUND					

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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/08/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 10/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/16/2017
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/16/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 10/16/2017
	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: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/30/2017
	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: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/08/2018
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/08/2018
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/08/2018
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/10/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/27/2017
	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: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 12/11/2017
	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: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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: 07/01/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 09/06/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 404-657-8600
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
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: 06/30/2017
Date Data Arrived at EDR: 07/18/2017
Date Made Active in Reports: 09/06/2017
Number of Days to Update: 50

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A
Last EDR Contact: 07/07/2017
Next Scheduled EDR Contact: 10/23/2017
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: 12/22/2016
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 05/11/2017
Number of Days to Update: 99

Source: Department of Natural Resources
Telephone: 404-362-2696
Source: Center for GIS, Georgia Institute of Technology
Telephone: 404-385-0900
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/14/2017	Source: Environmental Protection Division
Date Data Arrived at EDR: 06/16/2017	Telephone: 404-362-2687
Date Made Active in Reports: 09/06/2017	Last EDR Contact: 09/15/2017
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/01/2016	Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017	Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-6597
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

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: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6271
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 10/06/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3372
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 11/14/2016	Source: EPA Region 1
Date Data Arrived at EDR: 01/26/2017	Telephone: 617-918-1313
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/14/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-7439
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/14/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/23/2017
	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: 04/14/2017	Source: Environmental Protection Division
Date Data Arrived at EDR: 06/16/2017	Telephone: 404-362-2687
Date Made Active in Reports: 09/13/2017	Last EDR Contact: 09/15/2017
Number of Days to Update: 89	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Annually

AST: Above Ground Storage Tanks

A listing of LP gas tank site locations.

Date of Government Version: 06/04/2012	Source: Office of Insurance & Safety Fire Commissioner
Date Data Arrived at EDR: 06/05/2012	Telephone: 404-656-5875
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 08/21/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/04/2017
	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: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/01/2016	Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017	Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 10/06/2016	Source: EPA Region 9
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3368
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 11/14/2016	Source: EPA, Region 1
Date Data Arrived at EDR: 01/26/2017	Telephone: 617-918-1313
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 01/14/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-6136
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6137
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

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: 06/01/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/09/2017	Telephone: 404-657-8600
Date Made Active in Reports: 09/06/2017	Last EDR Contact: 08/09/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Varies

AUL: Uniform Environmental Covenants

A list of environmental covenants

Date of Government Version: 05/26/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/09/2017	Telephone: 404-657-8600
Date Made Active in Reports: 09/06/2017	Last EDR Contact: 08/09/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

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: 01/23/2017	Source: DNR
Date Data Arrived at EDR: 02/28/2017	Telephone: 404-657-8600
Date Made Active in Reports: 05/11/2017	Last EDR Contact: 09/01/2017
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/11/2017
	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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/25/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/09/2017	Telephone: 404-657-8600
Date Made Active in Reports: 09/06/2017	Last EDR Contact: 08/09/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/20/2017
	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: 06/19/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2017	Telephone: 202-566-2777
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 09/20/2017
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 08/16/2017	Source: Department of Community Affairs
Date Data Arrived at EDR: 08/18/2017	Telephone: 404-679-1598
Date Made Active in Reports: 09/13/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

HIST LF: Historical Landfills

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/20/2004	Telephone: 404-362-2696
Date Made Active in Reports: 02/06/2004	Last EDR Contact: 01/20/2004
Number of Days to Update: 17	Next Scheduled EDR Contact: N/A
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/01/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: No Update Planned

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

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 Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/29/2017
Next Scheduled EDR Contact: 11/13/2017
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: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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: 08/14/2017
Next Scheduled EDR Contact: 11/27/2017
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: 07/01/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 09/06/2017
Number of Days to Update: 62

Source: Department of Natural Resources
Telephone: 404-657-8636
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/09/2017	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/08/2017	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/11/2017
	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: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

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: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 06/26/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/28/2017	Telephone: 770-387-4900
Date Made Active in Reports: 09/13/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/08/2018
	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/11/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 08/25/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/04/2017
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/12/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/23/2017
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/23/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/18/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/27/2017
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2017
Date Data Arrived at EDR: 05/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 121

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 11/20/2017
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/22/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2017
Next Scheduled EDR Contact: 12/04/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/28/2017
Next Scheduled EDR Contact: 11/08/2017
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
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: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/08/2017
Next Scheduled EDR Contact: 11/20/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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: 07/28/2017
Next Scheduled EDR Contact: 10/23/2017
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: 08/01/2017
Next Scheduled EDR Contact: 11/20/2017
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: 10/03/2017
Next Scheduled EDR Contact: 12/18/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/28/2017
Next Scheduled EDR Contact: 11/08/2017
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: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/12/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/30/2016	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 11/18/2016	Telephone: Varies
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015	Source: EPA/NTIS
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 09/28/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 218	Next Scheduled EDR Contact: 12/04/2017
	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	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/11/2017
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/23/2017
	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: 12/23/2016	Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016	Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 08/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/20/2017
	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: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 08/22/2017
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/09/2017	Telephone: 703-603-8787
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/16/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	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	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	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: 02/08/2017	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 02/28/2017	Telephone: 303-231-5959
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 38	Next Scheduled EDR Contact: 12/11/2017
	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	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 09/01/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/11/2017
	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	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/01/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/14/2017	Source: Department of Interior
Date Data Arrived at EDR: 03/17/2017	Telephone: 202-208-2609
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/25/2017
	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: 07/23/2017	Source: EPA
Date Data Arrived at EDR: 09/06/2017	Telephone: (404) 562-9900
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/18/2017
	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: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/21/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 07/17/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/30/2017
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2017	Telephone: 202-564-2280
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 29

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

AIRS: Permitted Facility & Emissions Listing

A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 51

Source: Department of Natural Resources
Telephone: 404-363-7000
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/29/2017
Next Scheduled EDR Contact: 11/13/2017
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: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
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: 05/27/2016
Date Data Arrived at EDR: 06/09/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 41

Source: Department of Natural Resources
Telephone: 404-362-4892
Last EDR Contact: 09/15/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information listing for solid waste facilities.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/09/2017
Number of Days to Update: 56

Source: Department of Natural Resources
Telephone: 404-362-2537
Last EDR Contact: 09/05/2017
Next Scheduled EDR Contact: 12/25/2017
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: 08/02/2017
Date Data Arrived at EDR: 08/09/2017
Date Made Active in Reports: 09/06/2017
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 404-362-2680
Last EDR Contact: 08/09/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/29/2016	Telephone: 404-656-4852
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 08/24/2017
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/11/2017
	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 Historic Gas 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 Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	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	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: Environmental Protection Division
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	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: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 08/18/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/27/2017
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 07/10/2017
Number of Days to Update: 107	Next Scheduled EDR Contact: 10/23/2017
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/17/2017
Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/11/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2.5-ACRE RESIDENTIAL PARCEL
3145 SWEETWATER-JUNO ROAD
DAWSONVILLE, GA 30534

TARGET PROPERTY COORDINATES

Latitude (North):	34.461683 - 34° 27' 42.06"
Longitude (West):	84.206957 - 84° 12' 25.05"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	756570.4
UTM Y (Meters):	3816692.8
Elevation:	1511 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6044079 JUNO, 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 principal 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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).

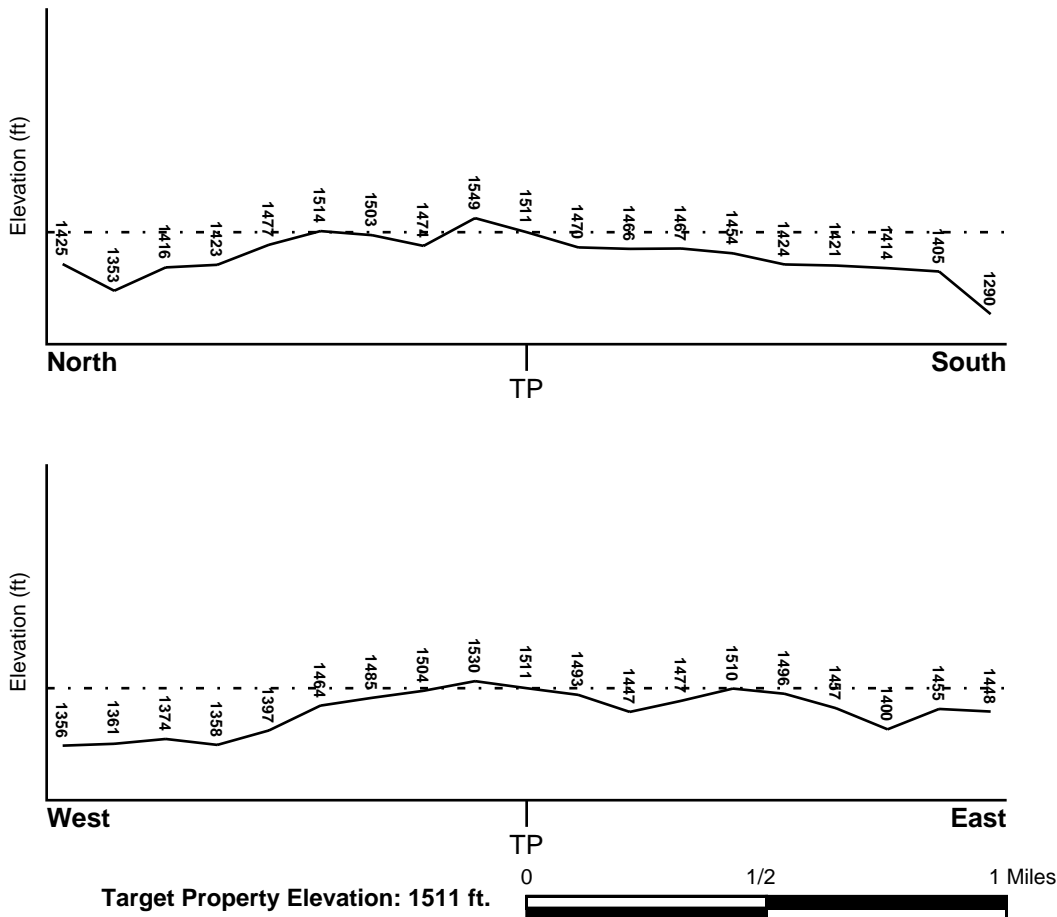
TOPOGRAPHIC INFORMATION

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 ESE

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
13187C0225C	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
JUNO	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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

Era: Precambrian
System: Precambrian
Series: Z Sedimentary rocks
Code: Z (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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: TALLAPOOSA

Soil Surface Texture: gravelly - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine 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: LOW

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 20 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	4 inches	gravelly - fine sandy 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: 5.00 Min: 4.50
2	4 inches	10 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.00 Min: 4.50
3	10 inches	19 inches	gravelly - 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: 5.00 Min: 4.50
4	19 inches	60 inches	weathered bedrock	Not reported	Not reported	Max: 0.06 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: sandy loam
clay loam
fine sandy loam
loam

Surficial Soil Types: sandy loam
clay loam
fine sandy loam
loam

Shallow Soil Types: silt loam
sandy clay loam
clay
clay loam

Deeper Soil Types: fine sandy loam
loam
sandy loam
gravelly - sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

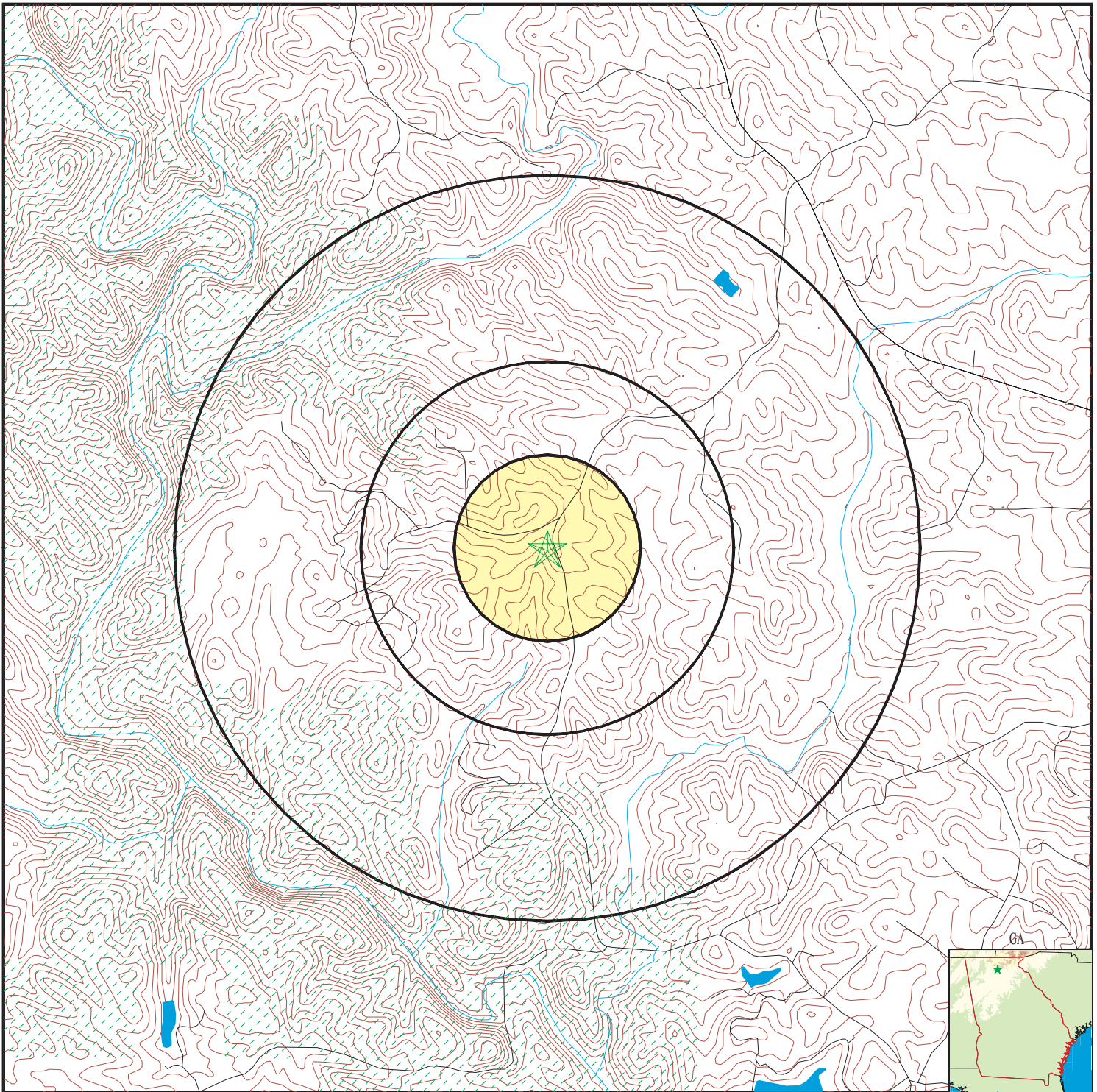
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		








OTHER STATE DATABASE INFORMATION

WILDLIFE RESOURCES DIVISION STATE OWNED LANDS:





NAME
DAWSON FOREST WMA

PHYSICAL SETTING SOURCE MAP - 5069195.2s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons



-  Groundwater Flow Direction
-  Wildlife Areas
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location



SITE NAME: 2.5-Acre Residential Parcel
 ADDRESS: 3145 Sweetwater-Juno Road
 Dawsonville GA 30534
 LAT/LONG: 34.461683 / 84.206957

CLIENT: Mill Creek Environmental LLC
 CONTACT: Jake Irwin
 INQUIRY #: 5069195.2s
 DATE: October 05, 2017 12:56 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

GA_WILD 18

Wildlife Resources Division State Owned Lands:

Name: DAWSON FOREST WMA
Acreage: 9331.70321

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for DAWSON County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 30534

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	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^R 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

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.

OTHER STATE DATABASE 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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.