

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR
PROPOSED WOODLAND TRAILS
3562 HIGHWAY 431 AND 5124 OLLIE CHUNN ROAD
PARCEL IDS# 060048 02305, PORTION OF 060048 02400, 060048 02401
COLUMBIA, MAURY COUNTY, TENNESSEE**

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1.0 SUMMARY

GEOservices, LLC (GEOservices) has performed a Phase I Environmental Site Assessment (ESA) in accordance with ASTM “E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” of the subject property referenced as the Proposed Woodland Trails property located at 3562 Highway 431 and 5124 Ollie Chunn Road in Columbia, Maury County, Tennessee (**Figure 1, Appendix A**). This Phase I ESA describes conditions observed on the subject property; assesses information gathered from historical sources, the User, environmental regulatory databases, and owner and/or occupant and government official interviews; and provides GEOservices’ conclusions and opinion regarding the necessity of additional environmental investigation.

2.0 INTRODUCTION

2.1 Subject Property Description and Location

On May 16 & 24, 2023, GEOservices personnel Ms. Keneshia Gamble, conducted site visits of the subject property. The subject property consisted of an approximate total of 85.1-acres and was composed of three parcels (060048 02305, western portion of 060048 02400, 060048 02401). The parcels for the subject property were located at 3562 Highway 431 (060048 02305), the western portion of the parcel located at 5124 Ollie Chunn Road (060048 02400), and the third parcel associated with the subject property was not found to have an address (060048 02401) in Columbia, Maury County, Tennessee. The property is located in an area consisting of residential and agricultural land. Site boundaries were derived from the online parcel database. The subject property is shown in the Rally Hill, Tennessee 7.5-minute USGS topographic quadrangle, dated 2019 (**Figure 1, Appendix A**). Site coordinates for the approximate center of the subject property is Latitude 35.687204° and Longitude - 86.837825°.

At the time of the site reconnaissance, the subject property consisted of woodland in the central to western portion with open field and agricultural land in the north and east. A more detailed description is provided in **Section 5.0**. The Site Plan showing the features on the subject property is included in **Appendix A** as **Figure 2**. Photographs of the subject property are included in **Appendix B**.

2.2 Purpose and Objectives of Assessment

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the processes described herein, recognized environmental conditions (RECs) in connection with the subject property and in accordance with ASTM “E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.”

The term *recognized environmental condition* is defined by ASTM E1527-13 as “the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. De minimis conditions are not *recognized environmental conditions*.” *De minimis conditions* are defined by E1527-13 as “a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

2.3 Scope of Work

GEOServices’ approach to performing this ESA consisted of four major tasks in accordance with the ASTM Standard Practice E1527-13, GEOServices’ Proposal #13-231392, and correspondence with the client. These tasks consisted of records reviews, a site reconnaissance, interviews, and report preparation. These tasks involve:

Task 1 A review of reasonably ascertainable and practically reviewable public records for the subject property and the immediate vicinity was conducted. This review was performed to characterize environmental features of the subject property and to identify past and present land use activities on or in the vicinity of the subject property which may indicate a potential for recognized environmental conditions. The review of the public record included:

- Examination of public records made available to GEOServices regarding past, present, and pending enforcement actions and investigations at the site and within the immediate vicinity.
- Examination of one or more of the following resources: aerial photographs, fire insurance maps, street directories, and topographic maps of the subject property and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products.

Task 2 A site reconnaissance was performed to identify visual signs of past or existing contamination on or adjacent to the subject property. This reconnaissance was also performed to evaluate any evidence found in the public record review which might indicate activities resulting in hazardous substances or petroleum products being used or deposited on the site. The subject property reconnaissance included the following activities:

- A visual reconnaissance of the subject property and adjacent properties was performed to observe signs of spills, stressed vegetation, buried waste, underground or aboveground storage tanks, transformers, or unusual soil discoloration which may indicate the possible presence of contaminants on the properties.
- The periphery of the property was viewed and a walk-through of accessible areas of the subject property was conducted.
- Areas of the subject property were photographed to document the current use(s) of the property as well as significant conditions such as unusually discolored soil, stressed vegetation, or other significant features associated with the property.

Task 3 The appropriate local officials were interviewed regarding local knowledge of hazardous substances or petroleum products on the subject property or on adjacent properties. A property owner representative was interviewed (if provided) regarding their knowledge of any hazardous substances or petroleum products on the subject property or on adjacent properties.

Task 4 The collected data was evaluated, and this report was prepared.

2.4 Significant Assumption

In completing this Phase I ESA, GEOServices assumed: honest responses from individuals interviewed, the validity and completeness of data from outside sources, and that ground water flows in the general direction of the surface topography. If the assumptions were questioned by GEOServices during the completion of the Phase I ESA, GEOServices' concerns are addressed in the pertinent sections of this report.

2.5 Limiting Conditions, Deviations, and Exceptions

This report presents an assessment of the existing and past environmental conditions at the subject property based on site conditions at the time of our evaluation and available public information. Should

the conditions change or differ from the conditions detailed in this report, we request that GEOServices will be contacted immediately so that the change can be properly reviewed, and the report be amended accordingly, if necessary.

Generally, information obtained from the public records and from interviews is reliable. However, GEOServices cannot warrant or guarantee that information provided is complete or accurate. In the event responses requested by GEOServices from public agencies are provided to GEOServices following the completion of the report, they will be forwarded to the client in the form received for evaluation by the client.

Our conclusions regarding the conditions of the subject property do not represent a warranty that all areas within the subject property area are of the same quality as may be inferred from observable site conditions and readily available site history. Furthermore, we developed an opinion, based on our professional judgment, regarding the potential presence or absence of RECs that may be present at the site. This assessment is not designed to provide comprehensive data accumulation, chemical or radiological analyses, or inferences as to surface/subsurface soil contamination, the conditions of surface and groundwater at the site unless documented information is available. This assessment was performed in an initial attempt to identify future issues that may occur at the site and may impede development of the site due to RECs as defined by ASTM Standard Practice E1527-13. Conclusions drawn from the results of this report should recognize the limitations of the methods used.

The ASTM Standard Method E1527-13 requires the identification of limiting conditions, deviations, and exceptions to the standard. This report was prepared in general accordance with ASTM Standard Method E1527-13, GEOServices' Proposal #13-231392, and correspondence with the client for this site with no limitations, deviations, or exceptions were encountered, with the exception of the following:

- Dense vegetation and debris limited visual observations on the subject property. Data Gaps are listed in **Section 7.4**.

2.6 Special Terms and Conditions

This report is provided for the sole use of Lennar Homes. Use of this report by any third parties will be at such parties' sole risk and GEOServices disclaims liability for any use or reliance by third parties.

2.7 User Reliance

The Environmental Professional hereby certifies that this Phase I ESA has been conducted in accordance with ASTM Standard Practice E1527-13. This Phase I ESA has been prepared for the sole use of Lennar Homes. This Phase I ESA should not be relied upon by other parties without the express written consent of GEOservices.

3.0 USER PROVIDED INFORMATION

Per ASTM E1527-13, the User is required to perform specific tasks that will aid in the identification of RECs in connection with the subject property in order to qualify for the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability protection. It is the User's responsibility to complete and return the provided User Questionnaire. The User Questionnaire was completed by, Mr. Allan M. Stalnaker, the owner of Woodland Trails, LLC, the owning entity. A copy of the User Questionnaire is included in **Appendix C** of this report.

3.1 Title Records

A title search was not performed by GEOservices as part of this assessment, nor provided by the client for review.

3.2 Environmental Liens or Activity and Use Limitations

The Owner indicated he had no knowledge of liens or limitations associated with the subject property.

3.3 Specialized Knowledge

The Owner indicated that he purchased the land from previous owner, Mr. Leonard Duvall, who bought the land from his grandfather in 1964.

3.4 Commonly Known or Reasonably Ascertainable Information

The Owner indicated that the subject property was used as agricultural land in the years prior.

3.5 Valuation Reduction for Environmental Issues

The Owner indicated he had no knowledge of valuation reductions associated with the subject property.

3.6 Owner, Property Manager, and Occupant Information

The current owner of the subject property is listed as Woodland Trails LLC (060048 02305, 060048 02400) and Aqua Green Utility, Inc. (060048 02401) according to the Maury County online parcel database.

3.7 Reason for Performing Phase I ESA

It is our understanding that this report is for the sole purpose of providing an environmental evaluation of the subject property in order to complete a real estate transaction.

3.8 Other Environmental Information

A Phase I Environmental Site Assessment (ESA) was completed for the subject property by GEOServices in November of 2021. In the initial Phase I ESA report the Carl Reed property was identified as a suspect REC for the subject property based on the mishandling of 55-gallon drums on his property in November of 2016. As a part of the assessment, regulatory data from the Tennessee Solid Waste Management (SWM) website was reviewed for the Carl Reed property and indicated that during the follow-up inspection the 55-gallon drum violation had been corrected. TDEC then issued a letter stating that the violation case could now be considered closed (dated February 23, 2017). Based on the compliance status of the Carl Reed property at the time of the initial Phase I ESA report, the site was not considered a REC for the subject property.

4.0 RECORDS REVIEW

GEOServices subcontracted Environmental Data Resources, Inc. (EDR) to conduct a search of standard environmental record sources published by State, Federal, and Tribal regulatory agencies. It should be noted that regulatory listings include only those sites that are known to the regulatory agencies to be contaminated, in the process of evaluation for potential contamination, or regulated at the time of publication. GEOServices reviewed the results of the EDR Database Report to determine if the subject property or nearby properties are listed as having a past or present record of actual or potential

environment impact. The EDR Database Report is included in **Appendix D**. The databases consulted from the EDR database service for this assessment include the following:

4.1 Standard Environmental Record Sources

National Priority List (NPL)
Proposed NPL Sites (Proposed NPL)
Federal Superfund Liens (NPL LIENS)
National Priority Listing Deletions (Delisted NPL)
Federal Facility Site Information Listing (FEDERAL FACILITY)
Superfund Enterprise Management System (SEMS)
Superfund Enterprise Management System Archive (SEMS-ARCHIVE)
Corrective Action Report (CORRACTS)
RCRA – Treatment, Storage, and Disposal (RCRA-TSDF)
RCRA – Large Quantity Generators (RCRA-LQG)
RCRA – Small Quantity Generators (RCRA-SQG)
RCRA – Very Small Quantity Generators (RCRA-VSQG)
Land User Control Information System (LUCIS)
Engineering Controls Sites List (US ENG CONTROLS)
Institutional Controls Sites List (US INST CONTROLS)
Emergency Response Notification System (ERNS)
List of Inactive Hazardous Substance Sites
Solid Waste Disposal Facilities (SWF/LF)
Leaking Underground Storage Tank Database Listing (LUST)
Leaking Underground Storage Tanks on Indian Land (INDIAN LUST)
LUST TRUST Fund Database (LUST TRUST)
Leaking Underground Storage Tanks Sites (HIST_LUST CO)
Underground Storage Tank Listing (FEMA UST)
Facility and Tank Report (UST)
Aboveground Storage Tanks (AST)
Underground Storage Tanks on Indian Land (INDIAN UST)

Engineering Control Sites (ENG CONTROLS)
Institutional Control Sites (INST CONTROLS)
Voluntary Cleanup Priority Listing (INDIAN VCP)
State Remediation Program List (SRP)
Voluntary Cleanup, Oversight and Assistance Program Sites (VCP)
Superfund VOAP Listing (BROWNFIELDS)

4.2 Additional Environmental Record Sources

A Listing of Brownfields Sites (US BROWNFIELDS)
Recycling Facilities (SWRCY)
Report on the Status of Open Dumps of Indian Lands (INDIAN ODI)
Open Dump Inventory (ODI)
Torres Martinez Reservation Illegal Dump Site Locations (DEBRIS REGION 9)
Open Dumps on Indian Land (HIS OPEN DUMPS)
Delisted National Clandestine Laboratory Register (US HIST CDL)
Registry of Contaminated Properties (CDL)
DCERP Remediation Sites Listing (PRIORITYCLEANERS)
Deleted State Hazardous Waste Sites (DEL SHWS)
National Clandestine Laboratory Register (US CDL)
PFAS Contamination Site Location Listing (PFAS)
Underground Storage Tank Database (HIST UST)
Liens Information (LIENS)
CERCLA Lien Information (LIENS 2)
Hazardous Materials Information Reporting System (HMIRS)
State Spills (SPILLS)
RCRA-Non Generators / No Longer Regulated (RCRA NonGen / NLR)
Formerly Used Defense Sites (FUDS)
Department of Defense Sites (DOD)
State Coalition for Remediation of Dry Cleaners Listing (SCRD DRYCLEANERS)
US Financial Assurance (US FIN ASSUR)

EPA Watch List (EPA WATCH LIST)

2020 Corrective Action Program List (2020 COR ACTION)

Toxic Substances Control Act (TSCA)

Toxic Chemical Release Inventory System (TRIS)

Section 7 Tracking Systems (SSTS)

Records of Decision (ROD)

Risk Management Plans (RMP)

RCRA Administrative Action Tracking System (RAATS)

Potentially Responsible Parties (PRP)

PCB Activity Database System (PADS)

Integrated Compliance Information System (ICIS)

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

Material Licensing Tracking System (MLTS)

Coal Combustion Residues Surface Impoundments List (COAL ASH EPA)

Steam-Electric Plan Operation Data (COAL ASH DOE)

PCB Transformer Database Registration (PCB TRANSFORMER)

Radiation Information Database (RADINFO)

FIFRA/TSCA Tracking System Administrative Case Listing (HIST FTTS)

Incident and Accident Data (DOT OPS)

Superfund (CERCLA) Consent Decrees (CONSENT)

Indian Reservations (INDIAN RESERV)

Formerly Utilized Sites Remedial Action Program (FUSRAP)

Uranium Mill Tailings Sites (UMTRA)

Lead Smelter Sites (LEAD SMELTERS)

Aerometric Information Retrieval System Facility Subsystem (US AIRS)

Mines Master Index File (US MINES)

Abandoned Mines (ABANDONED MINES)

Facility Index System/Facility Registry System (FINDS)

Unexploded Ordnance Sites (UXO)

Hazardous Waste Compliance Docket Listing (DOCKET HWC)

Enforcement & Compliance History Information (ECHO)

EPA Fuels Program Registered Listing (FUELS PROGRAM)

Listing of Permitted Sources (AIRS)

Registered Facilities List (DRYCLEANERS)

Lead Safe Housing Registry (LEAD)

Permitted Facility Listing (NPDES)

Vapor Intrusion (VAPOR)

Mineral Resources Data System (MINES MRDS)

4.3 Summary of Database Information

Surrounding properties were identified in the databases reviewed as part of this Phase I. For the purposes of this report, only those sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. GEOServices considered the following factors in determining which sites found in the regulatory database report are suspected to present an environmental risk to the subject property:

- Type of database for the site;
- Status of any investigations conducted on the site;
- Topographic position of the site relative to the subject property;
- Known or inferred groundwater flow direction in the subject property area;
- Distance of the site from the subject property;
- Surface and subsurface obstructions and diversions between the site and the subject property (resulting in potential hydrologic barriers or preferential pathways depending on the situation).

Based upon a review of readily available information contained in the regulatory database report, GEOServices did identify nearby listings (e.g., properties within a ¼ -mile approximate minimum search distance) in the regulatory database reports that were judged to present a potential environmental risk. The sites with potential risk are discussed in **Table 1** and in **Section 7.1.2**. The complete database list is provided in **Appendix D**.

Table 1: Sites of Concern for the Subject Property

Site Name, Address, Approx. Distance, Direction & Relative Elevation (as listed by EDR)	Databases Listed
Carl Reed Property 3566 Highway 431 0.04 miles E Lower	SWM Complaints
Rally Hill Market 3549 Highway 431 0.07 miles E Higher	LUST

Unplottable Sites

GEOServices also reviewed the list of orphan/unmappable sites in the EDR database report for facilities within the ASTM minimum search distances. A total of three sites were listed in the orphan summary. Two of the three sites were determined to be outside of the quarter-mile radius of the subject property. Given the location of the sites neither was found to be a suspect REC for the subject property.

The third site listed, Rally Hill Market, was also included in the EDR radius report and will be discussed further in **Section 7.1.2** of this report.

4.4 Physical Source Setting

GEOServices reviewed the most current US Geological Survey (USGS) topographic map depicting the subject property and surrounding area (**Figure 1, Appendix A**). The maps reviewed consisted of the Rally Hill, Tennessee 7.5-minute USGS topographic quadrangles, dated 2019. According to the topographic map, the subject property has an approximate elevation of 800 to 680 feet above mean sea level from the northwest portion to the east. According to obtained geologic information, the Era is Paleozoic, the System is Ordovician, and the Series is Middle Ordovician (Mohawkian).

4.5 Historical Use Information on the Property and Adjoining Properties

Historical sources were consulted to develop a history of the previous uses of the subject property and surrounding area, which was used to evaluate the likelihood that past uses have resulted in RECs on the subject property. GEOServices attempted to identify obvious uses of the subject property from the present back to the subject property's first developed use. This requires reviewing only as many sources

as are necessary to meet the objective and only those records that are reasonably ascertainable and likely to be useful.

4.5.1 Historical Aerial Photographs

Historical aerial photographs for the subject property were ordered from EDR. The following photographs were available for: 1953, 1975, 1981, 1997, 2007, 2010, 2014, and 2018. A copy of the aerials is included in **Appendix E**.

In review of the aerial photograph of 1975, the subject property appeared to be undeveloped agricultural land from the central to eastern portion of the property with dense woodland and open field in the west. The subject property was made accessible from Franklin Pike to the east and Ollie Chunn Road to the west. Also observed on the west portion of the subject property was an electric utility easement. Within the central to northern portion, the Little Flat Creek partial flowed through the subject property within a tree-line. In the 1981 aerial photograph there appeared to be one structure in the eastern boundary adjacent to Franklin Pike. There were no obvious changes observed on the subject property in the next year of 1997. The structure previously present in the eastern boundary of the subject property was no longer visible in the year of 2007. The access road in the eastern portion of the property consisted of scattered clusters of trees leading to the location of Little Flat Creek. In the same year the central portion of the subject property became more wooded with a structure developed along the central to northern boundary of the property. More dense vegetation was also observed in the western portion of the subject property as well. Besides dense vegetation coverage on the access road in the east, the subject property did not appear to experience any significant changes in the latest years of 2010, 2014, and 2018.

Google images were assessed and showed the eastern portion subject property as a small tract of land with tree coverage immediately adjacent to Franklin Pike in the earliest year of 2008. There was also a modern pole-mounted transformer observed adjacent to the east of the subject property. There were no changes observed in the Google images of the subject property in the remaining years of 2012, 2013, 2018, 2021, 2022, and 2023. The property immediately adjacent to the north (within the Google images viewing area) was a residence with two structures appearing to be a home and storage shed. The property immediately adjacent to the south was also a residential property with livestock present in the Google images of 2022 and 2023.

Google images available from Ollie Chunn Road showed the northwestern portion of the subject property and it consisted of dense woodland with an opening for the electric utility easement. Also observed along the northwestern portion of the subject property were markers for a buried natural gas pipeline. The Google images did not change for any of the remaining years of 2007, 2013, and 2023.

The surrounding area in the 1975 aerial photograph was mostly agricultural land with a few roadways and structures to the north and east. The area to the south was composed of dense woodland and to the west there was a utility easement. In the 1981 aerial photograph there were no changes besides the evidence of ponds to the northwest and southwest. There were no major changes observed in the surrounding area in the remaining years of 1997, 2007, 2010, 2014, and 2018.

4.5.2 Sanborn Maps

Sanborn Maps have been produced in many urban areas since the late 1800's and were used to assess fire hazards. GEOServices reviews these maps to document the historical use of the subject property and surrounding area. Due to the rural location of the subject property, no sanborn maps were available for review.

4.5.3 Property Tax Files

The property tax files were not reasonably ascertainable for the subject property; therefore, they were not reviewed as part of this Phase I ESA.

4.5.4 Recorded Land Title Records

The recorded land title records were not reasonably ascertainable for the subject property; therefore, they were not reviewed as part of this Phase I ESA. The recorded land title records were not reasonably ascertainable for the subject property; therefore, they were not reviewed as part of this Phase I ESA.

4.5.5 USGS Topographic Maps

Historical topographic maps for the subject property or surrounding area were obtained from EDR for 1936, 1947, 1967, 1981, 2013, 2016, and 2019. The topographic maps are included in **Appendix F**.

Review of the historical topographic map of 1936, indicated that the subject property was undeveloped land located west of Franklin Pike with a blue-line feature through the northern portion (Little Flat Creek) and partially through the western portion of the property. There were no changes observed in the following researched year of 1947. In the western portion of the subject property an electric easement was developed through the property boundary in the topographic maps of 1967 and 1981. The latest topographic maps of 2013, 2016, and 2019, typically do not depict any structures.

The surrounding area in the earliest topographic map of 1936, consisted of roadways, blue-line features, and a scattered presence of structures to the north, west, and south. There were no significant changes observed in the following topographic map of 1947. The surrounding area in the years of 1967 and 1981 was depicted with dense vegetation by green shading. A few additional structures were observed along Franklin Pike in the respective maps along with a utility easement (electric) present to the west. No improvements were depicted in the latest years of the remaining topographic maps.

4.5.6 Local Directories

City directories have been produced since the late 1800's and were produced by various companies for use by municipalities and private companies. Historical city directories are often archived as reference documents. City directories were obtained for the surrounding area from EDR for 1992, 1995, 2000, 2005, 2010, 2014, 2017, and 2020 from EDR Digital Archive Directory. The City Directory Standard Report is included as **Appendix G**.

The address for the subject property, 5124 Ollie Chunn Road, was listed as Alan and Drew Stalnaker for the year of 2020. There were no listings for the address 356 Hwy 431 (the second parcel of the subject property). Other listings for Hwy 431 and Ollie Chunn Road included residences and a woodwork business.

4.5.7 Environmental Liens or Activity and Use Limitations

An environmental lien search or Activity and Use Limitation (AUL) was not provided to GEOServices or requested to be performed by GEOServices. The ASTM Standard Practice E 1527-13 requires an environmental lien search be conducted by the client (User) and provided to the environmental professional (GEOServices) if an environmental lien or AUL exists for the subject property. The search is best performed by the title company. The presence or absence of environmental liens on the subject

property should be identified prior to the purchase of the subject property.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

GEOServices conducted a site visit of the subject property and a reconnaissance of the surrounding areas (**Table 1**). The purpose of the reconnaissance was to observe drainage patterns, vegetation patterns, discoloration, surrounding land use and other visual aspects that may indicate the likelihood of identifying RECs in connection with the subject property.

Table 1: Reconnaissance Information

GEOServices Field Personnel:	Keneshia Gamble
Site Reconnaissance Date:	May 16 & 24, 2023
Weather Conditions:	Sunny
Escort:	None

5.2 General Site Setting

The subject property consisted of an approximate total of 85.1-acres of three parcels (060048 02305, 060048 02400, 060048 02401). The parcels for the subject property were located at 3562 Highway 431 (060048 02305), the western portion of the parcel located at 5124 Ollie Chunn Road (060048 02400), and the third parcel associated with the subject property was not found to have an address (060048 02401) in Columbia, Maury County, Tennessee. The property is located in an area consisting of residential and agricultural land.

5.3 Subject Property Observations

5.3.1 Exterior

At the time of the site reconnaissance, the subject property consisted of dense woodland and open field with access points off of Franklin Pike and Ollie Chunn Road in Columbia, Tennessee. The northernmost portion of the subject property was vacant agricultural land with approximate 1-foot (surface width) depressions. The eastern portion of the subject property, along Franklin Pike was a small tract of land with clusters of trees and gravel extending to the west towards Little Flat Creek. Near the east property

line there was a pole-mounted transformer. There were no leakage or signs of damage observed on the unit. The creek partially flowed through the subject property and along the northernmost parcel of the property. Within the eastern portion of the subject property there were discarded metal scraps and remnants of a structure consisting of a wooden deck and pieces of vinyl siding. A drainage feature was observed along the north-central property boundary within the tree-line. The subject property's central portion was mostly open field with dense woodland along the southern boundary. There were also areas of outcropping observed where the bare soil was exposed.

The western portion of the subject property was heavily wooded. Also discovered in the western portion of the subject property was a drainage feature. Along the western boundary there was an electric utility easement going through the subject property. On the northwest property boundary, markers for the buried natural gas line was present. The subject property was significantly higher in elevation in the northwest portion and sloped to east. The surface water flow is inferred to follow this pattern. No staining and dead vegetation were observed during the site reconnaissance.

Table 2 summarizes the exterior site features observed on the subject property. The Site Plan, which shows the features of the subject property, is included in **Appendix A** as **Figure 2**. Photographs of the subject property are included in **Appendix B**.

Table 2: Exterior Site Feature Summary

Feature	Observed
Stressed Vegetation	No
Stained Soil or Pavement	No
Pole or Pad- Mounted Transformer	Yes
Exterior Dumpster	No
Leachate or Other Waste Seeps	No
Trash, Debris, and/or Other Waste Materials	Yes
Uncontrolled Dumping or Disposal Areas	No
Surface Water Discoloration, Sheen or Free Product	No
Strong, Pungent or Noxious Odors	No
Pits, Ponds, Lagoons	No
Aboveground Storage Tanks (ASTs)	No
Drums, Barrels and/or Containers > 5 gallons	No
Monitoring Wells	No

5.4 Adjoining Properties Observations

The areas adjacent to the subject property were visually assessed during the site visit. The following provides a description of adjacent properties.

North

The subject property is bound to the north by residential agricultural land and then Ollie Chunn Road. The agricultural land and roadway appeared to be generally cross-gradient to down-gradient to the subject property.

South

The subject property is bound to the south by woodland and residential agricultural properties. The woodland and residential properties appeared to be generally cross-gradient to down-gradient to the subject property.

East

The subject property is bound to the east immediately by Little Flat Creek, residential properties, and Franklin Pike, and then a residential property. The residential properties and roadway appeared to be generally cross-gradient to up-gradient of the subject property.

West

The subject property is bound to the west by vacant land and Ollie Chunn Road and then residential properties. The roadway and residential properties appeared to be generally up-gradient of the subject property.

6.0 INTERVIEWS

6.1 Interview with Owner

On June 5, 2023, Mr. Allan M. Stalnaker, the owner of Woodland Trails, LLC (the owning entity) was contacted for a phone interview. Mr. Stalnaker stated that Woodland Trails owned the land for at least seven years and it has been vacant since acquiring it from the previous owner, Mr. Leonard Duvall. Mr. Stalnaker indicated that the property had belonged to the Duvall family for many years prior. He stated that to his knowledge, the subject property had not been impacted by any environmental hazards that

would be of a concern.

6.2 Interview with Site Manager

The site was vacant and did not have a site manager.

6.3 Interviews with Occupants

The site was vacant and did not have any occupants.

6.4 Interviews with Local Government Officials

GEOservices personnel contacted the Columbia Fire Department on June 9, 2023, for any records pertaining to the subject property. There was no response received at the issuance of the report.

6.5 Interviews with Others

No others were interviewed for this report.

7.0 EVALUATION

7.1 Findings and Opinions

Based on the results of the Phase I ESA, GEOservices offers the following findings and opinions regarding de minimis conditions, RECs, Controlled RECs (CRECs), and Historical RECs (HRECs) for the subject property.

7.1.1 De Minimis Conditions

The following de minimis conditions were observed for the subject property:

- Discarded metal scraps
- Pieces of remnant from a structure

All de minimis conditions should be properly managed in accordance with all local, state, and federal regulations. Typically, buried debris, or existing fill material may be discovered during construction/excavation activities for any future development. This may include suspected abandoned septic or heating oil tanks due to the former structures on-site. It should be noted that if unusual staining, odors, or debris are encountered in any existing fill material/soils or soil piles during future site development, the material should be properly characterized, managed, and disposed in accordance with all federal, state, and local regulations. The owner should be aware of these possibilities and prepared to address mitigation options with the environmental professional of record. If any USTs are encountered, contact GEOServices immediately.

7.1.2 Known or Suspected RECs, CRECs, and HRECs

Based upon a review of readily available information contained in the regulatory database report, GEOServices did identify listings in the regulatory database report that were suspected to be a REC for the property.

Carl Reed Property (SWM Complaints)

Information collected in the EDR radius report and from the Tennessee Department of Environment and Conservation (TDEC) Solid Waste Management online data viewer reported that Carl Reed property received a “Notice of Violation” for the mishandling of 55-gallon drums on-site. The data states the citation was addressed in December of 2016 and no further actions were required for the site. No other violations were found for the site. The site was also identified in a previous Phase I Environmental Site Assessment completed by GEOServices in November of 2021, which determined the Carl Reed property did not pose an environmental concern to the subject property. Based on the recorded violation status and the hydraulic gradient, the Carl Reed property is not considered to be a suspect REC at this time.

Rally Hill Market (LUST)

Information collected in the EDR radius report and TDEC file review data indicated that two underground storage tanks were installed on the site in April of 1986. The tanks are recorded to have been last used in 1991. File review data indicated that the two empty underground storage tanks floated to the top of the ground and were exposed in November of 2000. The tank owner notified TDEC’s UST Division and applied for a tank closure. The tanks were officially removed from the ground at the Rally Hill site in the same

month. Samples collected on the site revealed petroleum concentrations that exceeded the TDEC cleanup levels. Monitoring wells were installed on the site and once sample results were below the cleanup threshold TDEC approved the site for a “Case Closed” status in July of 2019, requiring no further action. Review of the site’s topography on the USGS National Map Viewer website indicated that a tributary of Little Flat Creek was located down-gradient and adjacent to the south. Based on the Rally Hill Market’s compliance status and hydraulic gradient, the site is not considered to be a REC at this time.

7.2 Conclusions

We have completed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-13 of the subject property referenced as the Proposed Woodland Trails Development located at 3562 Highway 431 And 5124 Ollie Chunn Road in Columbia, Maury County, Tennessee. Any exceptions to, or deletions from, this practice are described in **Section 2.5** of this report. Any exceptions to, or deletions from, this practice are described in **Section 2.5** of this report. This assessment has revealed no evidence of any RECs, CRECs, or HRECs for the subject property.

In addition, vapor encroachment does not appear to be a significant environmental concern currently for the subject property as either:

- Facilities associated with such materials in the surrounding area are currently in compliance with all local, state, and federal regulations; or
- The hydrology of the surrounding area would prevent any releases from adjoining properties from impacting the subject property.

The conclusions presented herein are based solely on the information obtained during the activities performed as outlined in our scope of services for this project. Please note that GEOServices does not comment on items that are outside the scope of the ASTM Standard Practice E1527-13 Phase I ESA, such as wetland and stream determinations, asbestos-containing material surveys, lead-based paint surveys, radon, etc.

7.3 Additional Investigations

No additional investigation is recommended for the subject property at this time.

7.4 Data Gaps

The ASTM Standard Method E1527-13 requires the identification of data gaps, along with actions taken to address these gaps, and an opinion as to whether these gaps are significant. Information sources at intervals greater than five years between sources from the present to 1940 or the first developed land use, whichever is earlier, can be considered a data gap. In addition, a lack of or the inability to obtain information required by the ASTM Standard (i.e., site reconnaissance or interview with the owner/key site manager) may constitute a data gap. This report is prepared in general accordance with ASTM Standard Method E1527-13 and GEOServices' correspondence with the client, with the following gaps:

- No historical tax maps or Sanborn maps were available for the project site; however, an aerial photograph, topographic map, and/or city directory were available for the years 1936, 1947, 1953, 1967, 1975, 1981, 1992, 1995, 1997, 2000, 2005, 2007, 2010, 2013, 2014, 2016, 2017, 2018, 2019, and 2020.

Given the history of the subject property, observations made during the site reconnaissance, and review of historical data, the above data gaps are not expected to significantly affect the determination of the presence or absence of RECs for the subject property. If additional information becomes available, the presence of RECs at the subject property will be reevaluated and an addendum to this Phase I ESA prepared as deemed necessary. Conclusions drawn from the results of this report should recognize the limitations of the methods used.

7.5 Environmental Professional Statement, Qualifications, and Signatures

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. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting for the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of personnel responsible for completion of this document are provided in **Appendix I**.

Please direct questions or comments regarding this report to the undersigned at (615) 547-9314.

GEOServices, LLC



Keneshia Gamble
Environmental Scientist



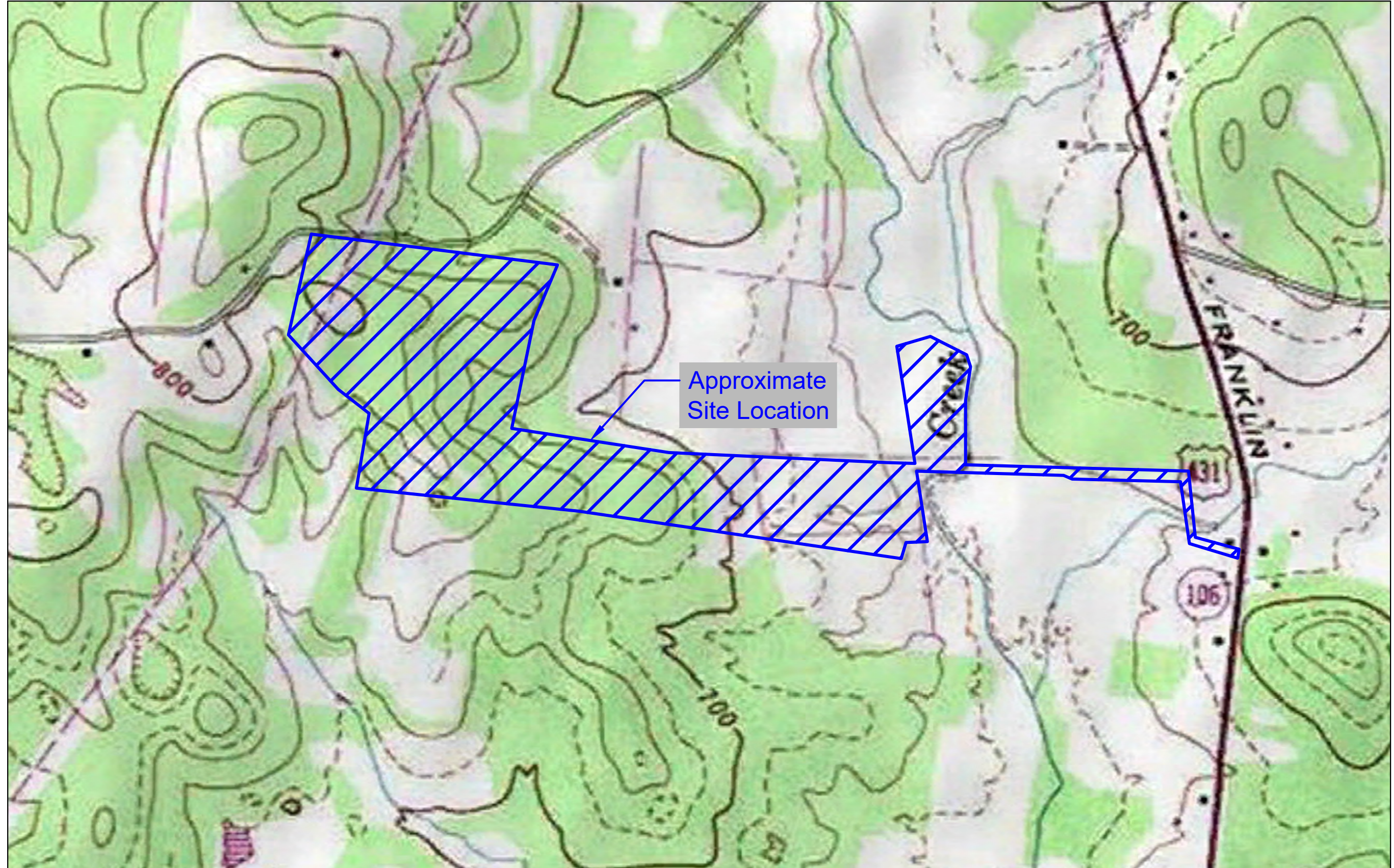
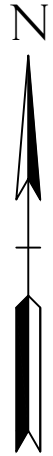
Malcolm Randolph
Senior Environmental Professional

7.6 References

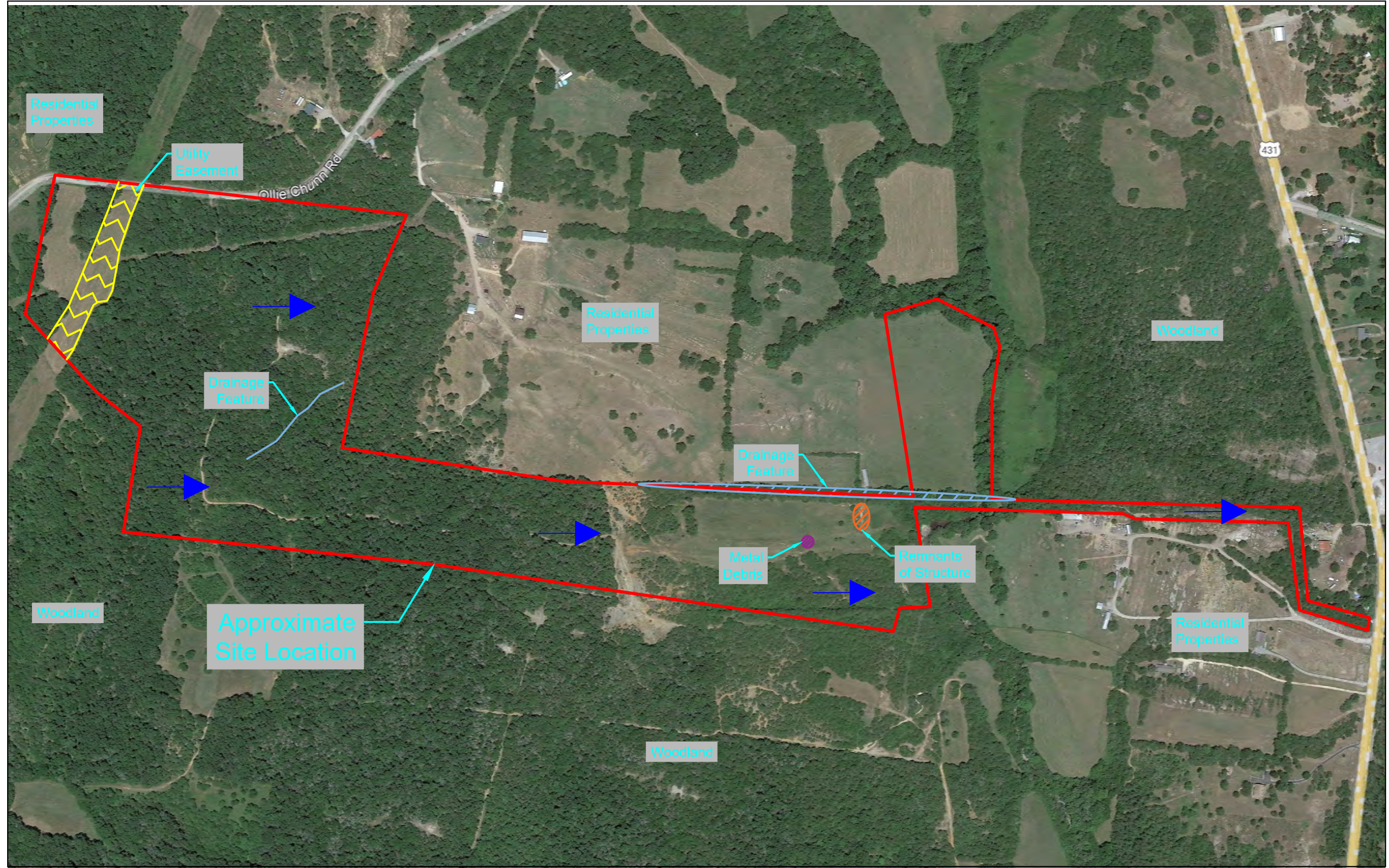
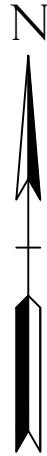
- American Society for Testing and Materials (ASTM), 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13.
- Environmental Protection Agency, 40 CFR Part 312, *Federal Register*, Standards and Practices for All Appropriate Inquiries; Final Rule, Vol. 70, No. 210, November 1, 2005.
- EDR Radius Map Report, May 4, 2023.
- EDR Historical Aerial Report, May 5, 2023.
- EDR Historical Topographic Map Report, May 4, 2023.
- EDR Historical Directory Report, May 8, 2023.

APPENDIX A

Figures



Source Provided by: MYTOPO



Aerial Source Provided by: Google Earth Pro, (2022)

—▶ Direction of Water Flow

APPENDIX B

Site Photographs



Photograph 1: View of woodland adjacent to the north of the subject property.



Photograph 2: View of woodland adjacent to the south of the subject property.



Photograph 3: View of Little Flat Creek immediately adjacent to the east of the subject property.



Photograph 4: View of dense vegetation adjacent to the west of the subject property.



Photograph 5: View of markers for buried natural gas line along the northwest property line.



Photograph 6: View from the northwest corner looking to the southeast.



Photograph 7: Typical view of the western portion of the subject property.



Photograph 8: View from the southwestern portion looking to the east.



Photograph 9: Typical view of the southwestern portion of the subject property.



Photograph 10: View of electric utility easement located in the western boundary of the subject property.



Photograph 11: View from the southwestern portion looking to the east.



Photograph 12: View of the drainage feature located in the western portion of the subject property.



Photograph 13: View from the central portion of the subject property looking to the west.



Photograph 14: View of the south property line.



Photograph 15: View from the central portion looking north across subject property.



Photograph 16: View from the central portion looking east across the subject property.



Photograph 17: Typical view of the central to eastern portion of the subject property.



Photograph 18: View of scrap metals pieces located in the eastern portion of the subject property.



Photograph 19: View from the eastern portion looking west across subject property.



Photograph 20: View of remnants from structure located in the eastern portion.



Photograph 21: View of additional scrap metal located in the eastern portion of the subject property.



Photograph 22: View of drainage feature located along the north-central property boundary.



Photograph 23: View from the eastern portion looking towards the northernmost portion of subject property.



Photograph 24: View from the northernmost portion of subject property looking towards the east.

APPENDIX C

User Provided Information

ENVIRONMENTAL QUESTIONNAIRE FOR PHASE I ESAs

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2002 (the "Brownfields Amendments"), 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. Reference 40 CFR Part 312.

Project Number: _____ Project Job Name: _____

Owner Information

Name: Woodlawn Trails LLC Allan M. Stalnaker Charles Barnes

Address: 5124 Ollie Churn

City, State, Zip: Spring Hill, TN 37174

Phone Number: (615) 580-0460 Email: mike@cbcspringhill.org

1 – What is your relationship to the site?

☒ Owner

☐ Prospective Buyer

☐ Prospective Lender

☐ Other

2 – What is the current use of the property?

☐ Residential

☐ Commercial

Please detail specific operations:

☐ Industrial

Please detail specific operations: (Please use separate sheet if more room is needed)

☒ Agricultural

☐ Other:

3 – 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 owner:

- (a) Do you know the past uses of the property? **YES**
- (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**

4 – Please detail any knowledge of current and/or previous ownership history. Attach any title records or chain of title information, if available **I bought from Mr. Leonard Duall. He bought land from his grand father in 1964.**

5 – Are you aware of any environmental liens or activity and land use limitations for the property? ☐ Yes ☒ No

If yes, please describe:

Has the title company been retained to check recorded land title records for environmental liens or activity and land use limitations? **unknown** ☐ Yes ☐ No

Attach any title company records.

6 – Please detail any specialized knowledge you have regarding the subject site. Please include any information pertaining to site use history and environmental issues.

7 – Are you aware of any valuation reduction in the purchase price of the subject site to account for environmental issues? ☐ Yes ☒ No

If yes, please describe.

This questionnaire was completed by: Allan Stalnaker

Title: Woodlawn Trails

Firm: owner

Address: 5124 OLLIE CHURN

Phone #: 615 - 500 - 0460

Date: 5/04/23

Signature: Am Stalnaker

APPENDIX D

EDR Database Report

34-231319 Woodland Trails Phase I

3562 Hwy 431

Spring Hill, TN 37174

Inquiry Number: 7328179.2s

May 04, 2023

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

3562 HWY 431
SPRING HILL, TN 37174

COORDINATES

Latitude (North):	35.6872040 - 35° 41' 13.93"
Longitude (West):	86.8378250 - 86° 50' 16.17"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	514674.3
UTM Y (Meters):	3949068.2
Elevation:	680 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	13048572 RALLY HILL, TN
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140614
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3562 HWY 431
SPRING HILL, TN 37174

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CARL REED PROPERTY	3566 HIGHWAY 431	SWM COMPLAINTS	Lower	232, 0.044, East
2	RALLY HILL MARKET	3549 HIGHWAY 431	LUST	Higher	395, 0.075, East

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

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

SHWS..... List of Inactive Hazardous Substance Sites

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LUST TRUST..... LUST TRUST Fund Database
HIST_LUST CO..... Leaking Underground Storage Tanks Sites

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Facility and Tank Report
AST..... Aboveground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites
INST CONTROL..... Institutional Control Sites

Lists of state and tribal voluntary cleanup sites

SRP..... State Remediation Program List
VCP..... Voluntary Cleanup, Oversight and Assistance Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Superfund VOAP Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

EXECUTIVE SUMMARY

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Registry of Contaminated Properties
PRIORITYCLEANERS..... DCERP Remediation Sites Listing
DEL SHWS..... Deleted State Hazardous Waste Sites
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST..... Underground Storage Tank Database

Local Land Records

LIENS..... Liens Information
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... State Spills

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

EXECUTIVE SUMMARY

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
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contamination Site Location Listing
AIRS.....	Listing of Permitted Sources
DRYCLEANERS.....	Registered Facilities List
LEAD.....	Lead Safe Housing Registry
NPDES.....	Permitted Facility Listing
VAPOR.....	VOC Sites Listing
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal landfills and solid waste disposal facilities

A listing of reported complaints related to the Solid Waste Management division.

A review of the SWM COMPLAINTS list, as provided by EDR, and dated 09/02/2022 has revealed that there is 1 SWM COMPLAINTS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARL REED PROPERTY	3566 HIGHWAY 431	E 0 - 1/8 (0.044 mi.)	1	8

Lists of state and tribal leaking storage tanks

LUST: A listing of leaking underground storage tank site locations.

A review of the LUST list, as provided by EDR, and dated 02/01/2023 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RALLY HILL MARKET Facility Id: 6600031 Current Status: 8 Case Closed	3549 HIGHWAY 431	E 0 - 1/8 (0.075 mi.)	2	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

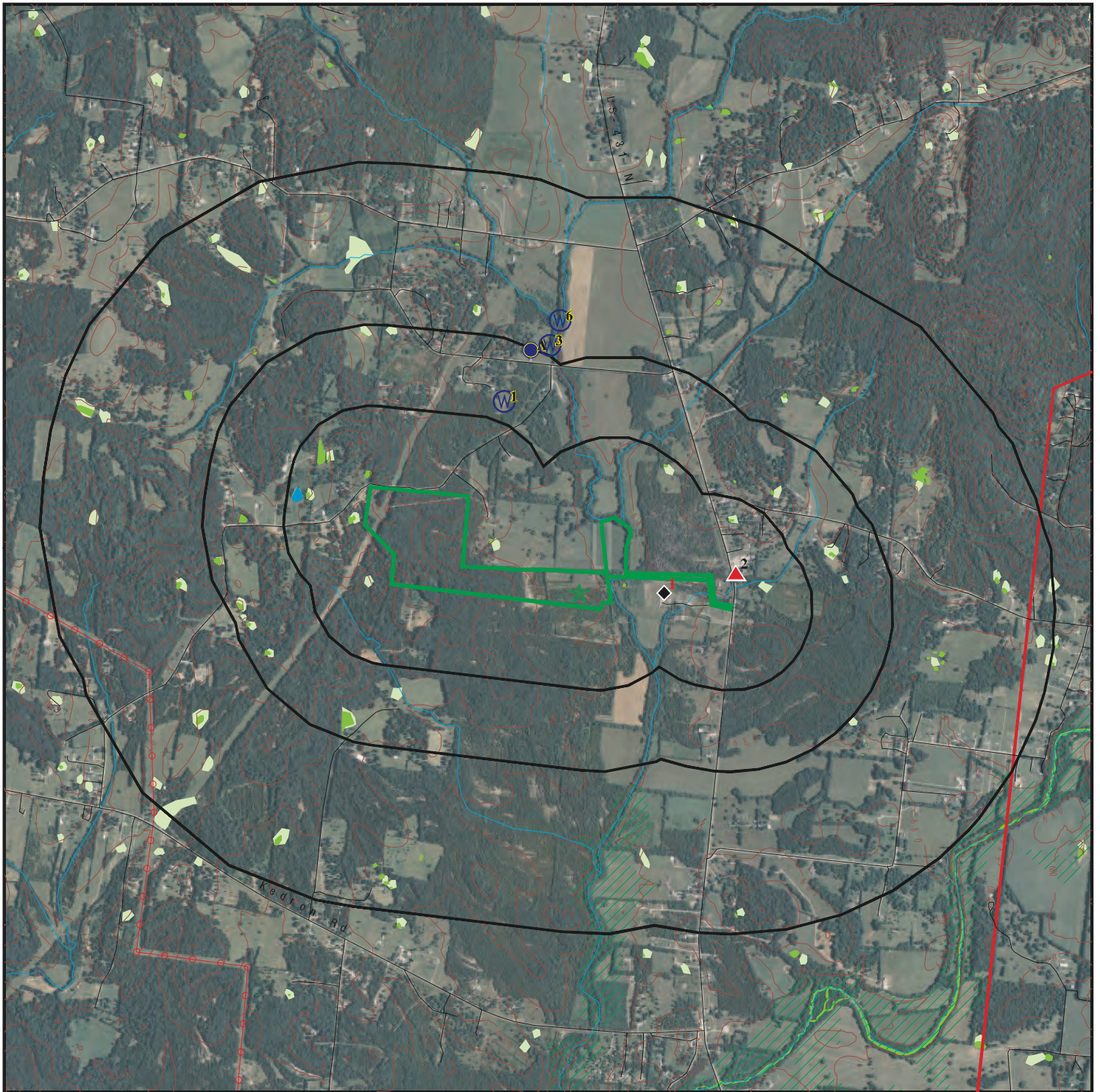
Site Name

TEMA INCIDENT #2124-2018
3100 HWY 431
RALLY HILL MARKET

Database(s)

SWM COMPLAINTS
SWM COMPLAINTS
LUST

OVERVIEW MAP - 7328179.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

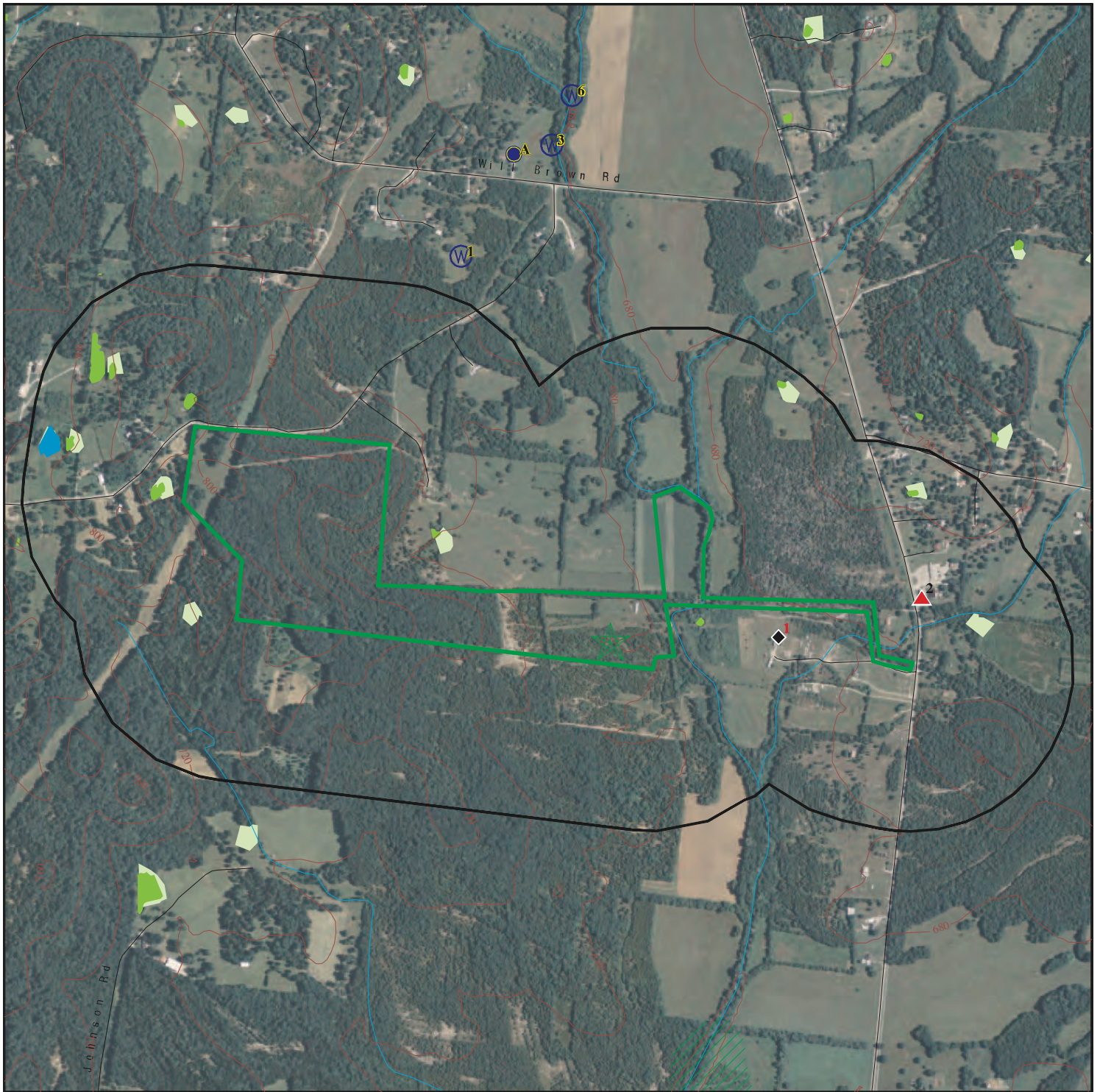
State Wetlands

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: 34-231319 Woodland Trails Phase I
ADDRESS: 3562 Hwy 431
Spring Hill TN 37174
LAT/LONG: 35.687204 / 86.837825

CLIENT: GeoServices, LLC
CONTACT: Keneshia Gamble
INQUIRY #: 7328179.2s
DATE: May 04, 2023 3:41 pm

DETAIL MAP - 7328179.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

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: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill TN 37174
 LAT/LONG: 35.687204 / 86.837825

CLIENT: GeoServices, LLC
 CONTACT: Keneshia Gamble
 INQUIRY #: 7328179.2s
 DATE: May 04, 2023 3:46 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>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	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 CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
SWM COMPLAINTS	0.500		1	0	0	NR	NR	1
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		1	0	0	NR	NR	1

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
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
HIST_LUST CO	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
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>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
SRP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield 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
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
PRIORITYCLEANERS	0.500		0	0	0	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 Lists of Registered Storage Tanks</i>								
HIST UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
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
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	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	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	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	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
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	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 LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	2	0	0	0	0	2
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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

1
East
< 1/8
0.044 mi.
232 ft.

CARL REED PROPERTY
3566 HIGHWAY 431
COLUMBIA, TN

SWM COMPLAINTS

S123318058
N/A

Relative:
Lower

Actual:
675 ft.

SWM COMPLAINTS:

Site ID: 112049
Name: CARL REED PROPERTY
Address: 3566 HIGHWAY 431
City,State,Zip: COLUMBIA, TN
Complaint Number: 42372
Division: SWM
Date Received: FEB-09-2017
How Received: Email
Concerning: Illegal Dumping
Concerning (other): Not reported
Assigned Date: FEB-09-2017
EFO: Columbia
Other Counties: Not reported
Site Description: -
Site Owner: -
Date Investigated: NOV-22-2016
Status: NOV
Status Detail: Not reported
Responsible Party: Not reported
Responsible Party Phone: Not reported
Date Completed: FEB-09-2017
Referred To: Not reported
Date Referred: Not reported
Last Updated: FEB-09-2017
Last Updated By: BG35054
Latitude: Not reported
Longitude: Not reported

Site ID: 112049
Name: CARL REED PROPERTY
Address: 3566 HIGHWAY 431
City,State,Zip: COLUMBIA, TN
Complaint Number: 42152
Division: SWM
Date Received: JAN-23-2017
How Received: Phone
Concerning: Tires
Concerning (other): Not reported
Assigned Date: JAN-23-2017
EFO: Columbia
Other Counties: Not reported
Site Description: -
Site Owner: -
Date Investigated: NOV-22-2016
Status: NOV
Status Detail: Not reported
Responsible Party: Not reported
Responsible Party Phone: Not reported
Date Completed: JAN-24-2017
Referred To: Not reported
Date Referred: Not reported
Last Updated: JAN-30-2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARL REED PROPERTY (Continued)

S123318058

Last Updated By:	BG35054
Latitude:	Not reported
Longitude:	Not reported
Site ID:	112049
Name:	CARL REED PROPERTY
Address:	3566 HIGHWAY 431
City,State,Zip:	COLUMBIA, TN
Complaint Number:	41532
Division:	SWM
Date Received:	NOV-04-2016
How Received:	Phone
Concerning:	Other
Concerning (other):	Scrap Operation
Assigned Date:	NOV-09-2016
EFO:	Columbia
Other Counties:	Not reported
Site Description:	-
Site Owner:	-
Date Investigated:	NOV-22-2016
Status:	NOV
Status Detail:	It appears that the property owner is bringing in materials and sorting them. Most of the material was metal. However multiple 55-gallon drums and tires were also observed on the property. An NOV will be sent.
Responsible Party:	Not reported
Responsible Party Phone:	Not reported
Date Completed:	DEC-21-2016
Referred To:	Not reported
Date Referred:	Not reported
Last Updated:	MAY-19-2017
Last Updated By:	BG35054
Latitude:	Not reported
Longitude:	Not reported

2
East
< 1/8
0.075 mi.
395 ft.

RALLY HILL MARKET
3549 HIGHWAY 431
COLUMBIA, TN 38401

LUST S121924773
N/A

Relative:
Higher

Actual:
684 ft.

LUST:	
Name:	RALLY HILL MARKET
Address:	3549 HIGHWAY 431
City,State,Zip:	COLUMBIA, TN 38401
Region:	STATE
Facility Id:	6600031
Current Status:	8 Case Closed
Product Released:	Gasoline
Discovery Date:	JUL-30-2015
How Discovered:	8 Other
Cause:	Not reported
Case Manager:	Carl Carlson
Case Description:	Not reported
Section:	LT
Priority:	High
Company Name:	Not reported
Owner Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RALLY HILL MARKET (Continued)

S121924773

Owner City:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Telephone:	Not reported
Owner Address 2:	Not reported
fadd2:	Not reported
Site Number:	2
Contact:	Not reported
Cac Contact:	Not reported
Contact Title:	Not reported
Consultant Address 1:	1053 Oak Hill Drive
Consultant Address 2:	Not reported
Contact City:	Cookeville
Contact State:	TN
Contact Phone:	9314325552
Contact zip:	38501
Cac Type:	CAC

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COLUMBIA	S121924774	RALLY HILL MARKET	RT 2 HWY 431	38401	LUST
COLUMBIA	S123318634	TEMA INCIDENT #2124-2018	3180 US HWY 431		SWM COMPLAINTS
MAURY COUNTY	S128608052	3100 HWY 431	3100 HWY 431		SWM COMPLAINTS

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

Lists of Federal NPL (Superfund) sites

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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/10/2023
	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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
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 known 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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/08/2023	Source: Department of the Navy
Date Data Arrived at EDR: 02/09/2023	Telephone: 843-820-7326
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	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: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/05/2023
	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: 12/12/2022

Date Data Arrived at EDR: 12/14/2022

Date Made Active in Reports: 12/19/2022

Number of Days to Update: 5

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/21/2023

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

SHWS: Promulgated Sites

"Inactive hazardous substance sites that constitute an imminent, substantial danger" is an inactive hazardous substance site where there is a threat of danger to the public health, safety, or environment which is both real and presently existing. Such situations may include, but are not limited to one or more of the following: an immediate action is necessary to minimize an ongoing threat to the public health or pollution of the environment, an inactive hazardous substance site where there is an active release, where direct access to the hazardous substance is not controlled, or where incompatible hazardous substances are found in close proximity. Also known as Promulgated Sites List.

Date of Government Version: 12/21/2022

Date Data Arrived at EDR: 12/22/2022

Date Made Active in Reports: 03/16/2023

Number of Days to Update: 84

Source: Department of Environment & Conservation

Telephone: 615-532-0900

Last EDR Contact: 03/28/2023

Next Scheduled EDR Contact: 07/10/2023

Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

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: 12/05/2022

Date Data Arrived at EDR: 12/05/2022

Date Made Active in Reports: 02/23/2023

Number of Days to Update: 80

Source: Department of Environment and Conservation

Telephone: 615-532-0804

Last EDR Contact: 03/08/2023

Next Scheduled EDR Contact: 06/19/2023

Data Release Frequency: Quarterly

SWM COMPLAINTS: Solid Waste Management Complaints

A listing of reported complaints related to the Solid Waste Management division.

Date of Government Version: 09/02/2022

Date Data Arrived at EDR: 09/07/2022

Date Made Active in Reports: 11/23/2022

Number of Days to Update: 77

Source: Department of Environment & Conservation

Telephone: 615-532-0780

Last EDR Contact: 02/16/2023

Next Scheduled EDR Contact: 06/05/2023

Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LUST: Fund Eligible Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank site locations.

Date of Government Version: 02/01/2023

Date Data Arrived at EDR: 02/08/2023

Date Made Active in Reports: 05/02/2023

Number of Days to Update: 83

Source: Department of Environment and Conservation

Telephone: 615-532-0945

Last EDR Contact: 02/08/2023

Next Scheduled EDR Contact: 05/22/2023

Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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

Date of Government Version: 10/19/2022	Source: EPA Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	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: 11/26/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-8677
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6271
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

LUST TRUST: LUST TRUST Fund Database

This list contains information on sites that had accidental releases of petroleum and are eligible for reimbursement from the TN Petroleum UST Fund.

Date of Government Version: 02/01/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 02/08/2023	Telephone: 615-532-0971
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/08/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Semi-Annually

HIST_LUST CO: Leaking Underground Storage Tanks Sites

A listing of leaking underground storage tank site locations from the Columbia Field Office. The listing is no longer updated.

Date of Government Version: 10/18/1994	Source: Department of Environmental Conservation, Columbia Field Office
Date Data Arrived at EDR: 10/24/1994	Telephone: 931-380-3371
Date Made Active in Reports: 12/30/1994	Last EDR Contact: 06/29/2009
Number of Days to Update: 67	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 03/29/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

UST: Facility and Tank Report

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: 02/01/2023	Source: Department of Environment and Conservation
Date Data Arrived at EDR: 02/08/2023	Telephone: 615-532-0945
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/08/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 10/01/1999	Source: Department of Environment and Conservation
Date Data Arrived at EDR: 10/12/1999	Telephone: 615-532-0965
Date Made Active in Reports: 11/05/1999	Last EDR Contact: 04/13/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	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: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	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: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	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: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites

Sites that have engineering controls.

Date of Government Version: 02/06/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 02/08/2023	Telephone: 615-532-0900
Date Made Active in Reports: 05/03/2023	Last EDR Contact: 02/08/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Control Sites

Sites that have institutional controls.

Date of Government Version: 02/06/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 02/08/2023	Telephone: 615-532-0900
Date Made Active in Reports: 05/03/2023	Last EDR Contact: 02/08/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Semi-Annually

Lists of state and tribal voluntary cleanup sites

SRP: State Remediation Program List

The State Remediation Program (SRP) was established in 1994 within the Division of Solid Waste Management for the purpose of providing owners, prospective purchasers and other interested parties the means to voluntarily investigate, clean up or monitor contaminated sites not regulated under RCRA, CERCLA or the Tennessee Division of Underground Tanks (UST).

Date of Government Version: 12/21/2022	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 12/22/2022	Telephone: 615-532-0853
Date Made Active in Reports: 03/16/2023	Last EDR Contact: 03/28/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup, Oversight and Assistance Program Sites

The Voluntary Cleanup Oversight and Assistance Program (VOAP) offers people the opportunity to work proactively with state government to address necessary cleanup of a property to return it to productive use. In return for their efforts, participants can receive a No Further Action letter and a release of liability for areas where investigation and cleanup is conducted. The program is open to everyone with an interest in addressing contamination at a site.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/22/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 84

Source: Department of Environmental & Conservation
Telephone: 615-532-0912
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Superfund VOAP Listing

Brownfields sites included on the Superfund Voluntary Cleanup, Oversight & Assistance Program listing.

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/22/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 84

Source: Department of Environment & Conservation
Telephone: 615-532-0912
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

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: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities Listing

A listing of recycling facility locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2022
Date Data Arrived at EDR: 12/05/2022
Date Made Active in Reports: 02/23/2023
Number of Days to Update: 80

Source: Department of Environment & Conservation
Telephone: 615-532-8657
Last EDR Contact: 03/08/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
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: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
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: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

CDL: Registry of Contaminated Properties

Pursuant to TCA 68212509 the following properties have been quarantined because of methamphetamine production, but have not been cleaned and certified within the 60day time frame allotted by the statute. These properties are hereby registered by the Tennessee Department of Environment and Conservation as unremediated methamphetamine sites. This is not a comprehensive list of quarantined properties. These are properties that TDEC has been notified as being quarantined, but have not been cleaned within the 60 day grace period. Other properties where methamphetamine production residues are a concern may not have been quarantined, may not have been reported to TDEC, or may not have passed the 60day grace

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/25/2023
Date Made Active in Reports: 04/17/2023
Number of Days to Update: 82

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

PRIORITY CLEANERS: DCERP Remediation Sites Listing

Drycleaner Environmental Response Program remediation sites.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/11/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 72

Source: Department of Environment & Conservation
Telephone: 615-253-3876
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

DEL SHWS: Deleted State Hazardous Waste Sites

A listing of sites removed from the Promulgated Sites Listing.

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/22/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 84

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank Database

This database is no longer updated by the agency. It contains records and detail fields that the current UST database does not.

Date of Government Version: 02/01/2023
Date Data Arrived at EDR: 02/08/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 83

Source: Department of Environment & Conservation
Telephone: 615-532-0945
Last EDR Contact: 02/08/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Liens Information

A listing of sites with environmental liens information.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 04/07/2015
Date Made Active in Reports: 04/30/2015
Number of Days to Update: 23

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-564-6023
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/13/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-366-4555
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

SPILLS: State Spills

A listing of spills locations.

Date of Government Version: 01/05/2015	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 01/06/2015	Telephone: 615-532-0109
Date Made Active in Reports: 02/10/2015	Last EDR Contact: 03/23/2023
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Varies

SPILS: Statewide Petroleum Incident Logging Section

SPILS is a program within TDEC's Division of Solid Waste Management (DSWM). This program logs incidents along Tennessee's roadways where a reportable quantity of petroleum products is released to the environment, ensuring that appropriate cleanup standards are applied, remediation activities are completed, and final reports detailing the response are received and reviewed. Once an incident has been remediated, SPILS will issue a closure letter for the Responsible Party's file.

Date of Government Version: 11/16/2022	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 11/16/2022	Telephone: 615-532-0780
Date Made Active in Reports: 02/02/2023	Last EDR Contact: 02/16/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

Other Ascertainable Records

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

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2023	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/14/2023	Telephone: 202-528-4285
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/29/2023
	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: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 04/11/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Varies

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: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/03/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/17/2023
	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: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/02/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/13/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-566-1917
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
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: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/16/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 04/13/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/31/2023
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 05/02/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/03/2022	Source: EPA
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: No Update Planned

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: No Update Planned

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: 10/26/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 13

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
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: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/03/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2023
Next Scheduled EDR Contact: 06/12/2023
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: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
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: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/06/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/17/2023
	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: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 04/26/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 08/14/2023
	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: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/13/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2023	Telephone: 703-603-8787
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admini
Telephone: 202-693-9424
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
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: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilities name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of sites where PFAS has been detected to date.

Date of Government Version: 09/01/2022	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 12/19/2022	Telephone: 615-532-5281
Date Made Active in Reports: 03/14/2023	Last EDR Contact: 02/13/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

AIRS: Listing of Permitted Sources

A listing of permitted sources issued by the Division of Air Pollution Control.

Date of Government Version: 01/23/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 01/25/2023	Telephone: 615-532-0545
Date Made Active in Reports: 04/17/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

DRYCLEANERS: Registered Facilities List

A list of all active registered drycleaner facilities, There may be some inactive facilities included.

Date of Government Version: 01/03/2023	Source: Dept. of Environment & Conservation
Date Data Arrived at EDR: 01/11/2023	Telephone: 615-532-0900
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 04/12/2023
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Annually

LEAD CERT: Lead Safe Housing Registry

A listing of Tennessee properties that have achieved a lead safe designation.

Date of Government Version: 02/25/2019	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 02/26/2019	Telephone: 615-532-8011
Date Made Active in Reports: 06/13/2019	Last EDR Contact: 04/06/2023
Number of Days to Update: 107	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 11/03/2022	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 11/03/2022	Telephone: 615-253-2245
Date Made Active in Reports: 01/25/2023	Last EDR Contact: 02/15/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VAPOR: VOC Sites Listing

A list of sites where vapor intrusion has been identified. Volatile organic compounds (VOC) are compounds that have a high vapor pressure and low water solubility.

Date of Government Version: 01/03/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 78

Source: Department of Environment & Conservation
Telephone: 615-532-0930
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA 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 Environment and Conservation in Tennessee.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environment and Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment and Conservation in Tennessee.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environment and Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/10/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/13/2022
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Listing

Source: Department Of Human Services

Telephone: 615-313-4778

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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Environment & Conservation

Telephone: 651-532-0052

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

34-231319 WOODLAND TRAILS PHASE I
3562 HWY 431
SPRING HILL, TN 37174

TARGET PROPERTY COORDINATES

Latitude (North):	35.687204 - 35° 41' 13.93"
Longitude (West):	86.837825 - 86° 50' 16.17"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	514674.3
UTM Y (Meters):	3949068.2
Elevation:	680 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	13048572 RALLY HILL, TN
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

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).

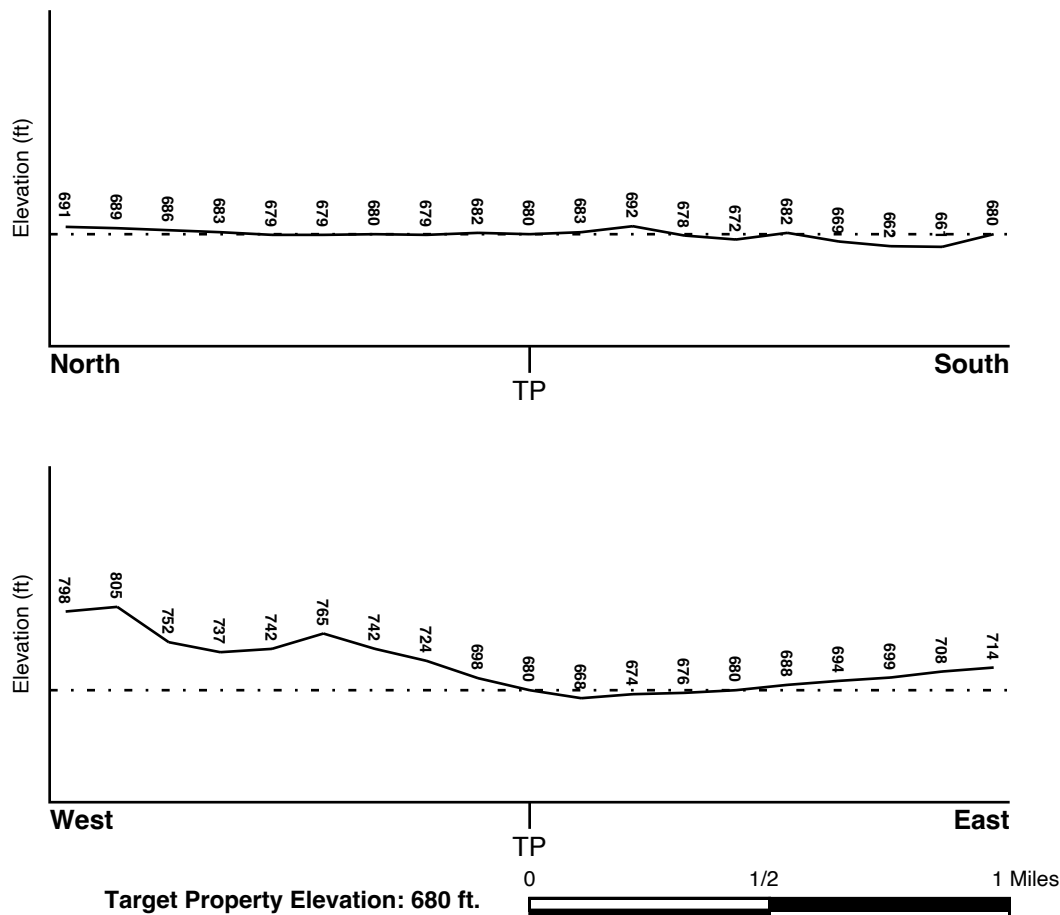
TOPOGRAPHIC INFORMATION

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 ENE

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>
47119C0215F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
47119C0205E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
RALLY HILL	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</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

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: Paleozoic
System: Ordovician
Series: Middle Ordovician (Mohawkian)
Code: O2 (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: ROCK OUTCROP

Soil Surface Texture: unweathered bedrock

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 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	60 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silt loam
flaggy - silty clay loam
silty clay loam
clay

Surficial Soil Types: silt loam
flaggy - silty clay loam
silty clay loam
clay

Shallow Soil Types: silty clay
clay

Deeper Soil Types: clay
stratified
silt loam
silty clay loam

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 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	USGS40001146091	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

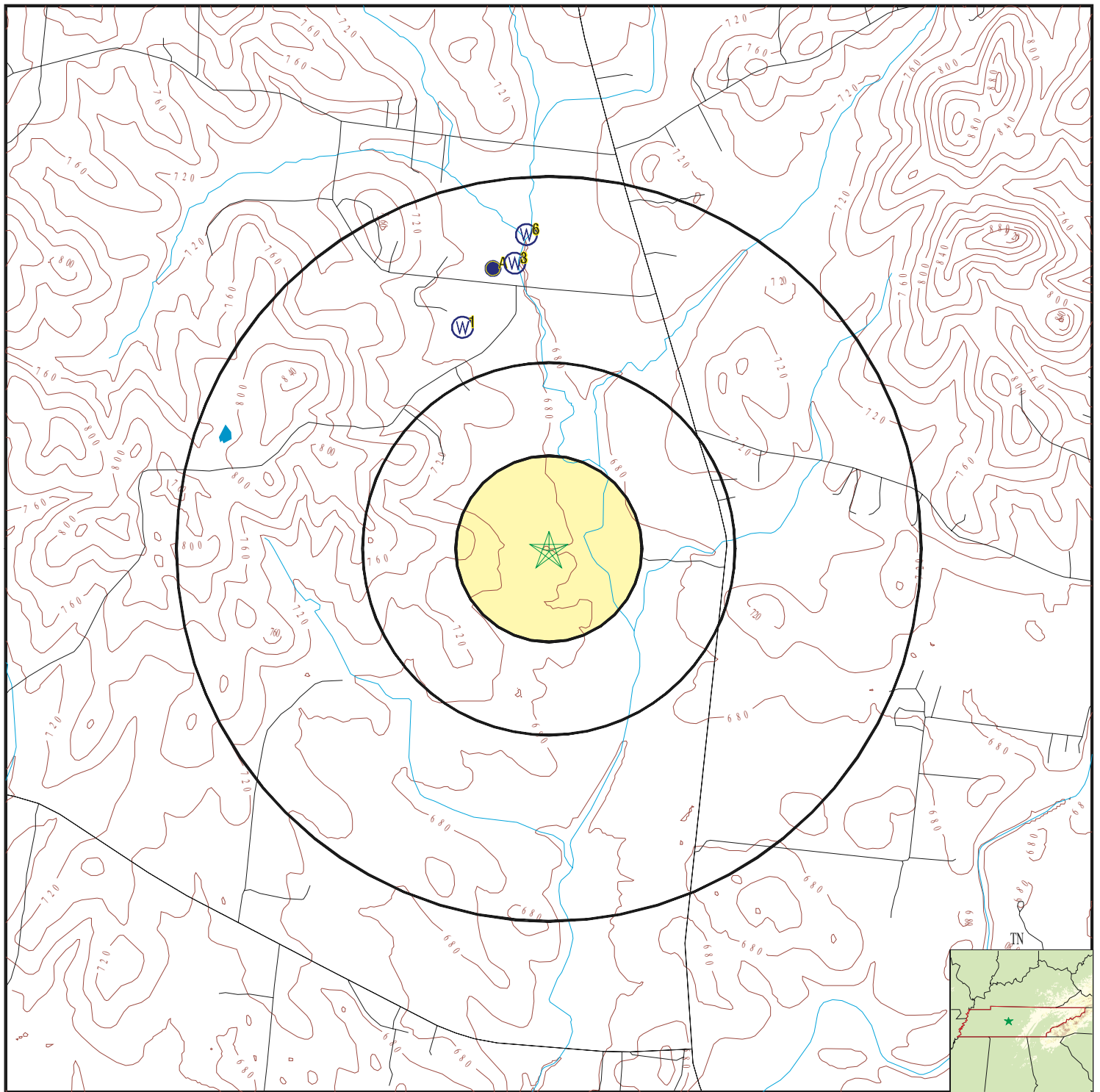
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	TN8000000035741	1/2 - 1 Mile NNW
A2	TN8000000035727	1/2 - 1 Mile NNW
3	TN8000000035731	1/2 - 1 Mile North
A5	TN8000000035730	1/2 - 1 Mile North
6	TN8000000035728	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 7328179.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

0 1/4 1/2 1 Miles



SITE NAME: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill TN 37174
 LAT/LONG: 35.687204 / 86.837825

CLIENT: GeoServices, LLC
 CONTACT: Keneshia Gamble
 INQUIRY #: 7328179.2s
 DATE: May 04, 2023 3:47 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
NNW
1/2 - 1 Mile
Higher

TN WELLS TN8000000035741

Well Number: 20190087
Completion Date: 26-JUL-17
Completion Est Yield (gpm): 1
Casing Feet Below Ground: 20
Driller Tag #: D0109161
Inspection Date: Not Reported
Completion Static Levels: 100
Finish From (ft): 20
Form Log: Yes

Well Use: Farm
Total Depth (ft): 298
Casing Type: Galvanized
License Code: 727
Driller Report ID: 200
Inspection Tag #: 0
Finish Type: Open Hole
Finish to (ft): 298

A2
NNW
1/2 - 1 Mile
Higher

TN WELLS TN8000000035727

Well Number: 11900713
Completion Date: 02-OCT-73
Completion Est Yield (gpm): 20
Casing Feet Below Ground: 21
Driller Tag #: Not Reported
Inspection Date: Not Reported
Completion Static Levels: 0
Finish From (ft): 0
Form Log: No

Well Use: Residential
Total Depth (ft): 125
Casing Type: Steel
License Code: 120
Driller Report ID: 87
Inspection Tag #: 0
Finish Type: Not Reported
Finish to (ft): 0

3
North
1/2 - 1 Mile
Higher

TN WELLS TN8000000035731

Well Number: 11900835
Completion Date: 22-AUG-75
Completion Est Yield (gpm): 4
Casing Feet Below Ground: 21
Driller Tag #: Not Reported
Inspection Date: Not Reported
Completion Static Levels: 18
Finish From (ft): 0
Form Log: No

Well Use: Residential
Total Depth (ft): 50
Casing Type: Not Reported
License Code: 120
Driller Report ID: 27
Inspection Tag #: 0
Finish Type: Not Reported
Finish to (ft): 0

A4
North
1/2 - 1 Mile
Higher

FED USGS USGS40001146091

Organization ID: USGS-TN
Monitor Location: My:O-3
Description: Not Reported
Drainage Area: Not Reported

Organization Name: USGS Tennessee Water Science Center
Type: Well
HUC: 06040002
Drainage Area Units: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	13	Level reading date:	2005-02-15
Feet below surface:	16.25	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2005-01-25	Feet below surface:	17.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-12-20	Feet below surface:	17.42
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-11-23	Feet below surface:	16.59
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-10-28	Feet below surface:	16.38
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-09-21	Feet below surface:	17.48
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-08-27	Feet below surface:	16.93
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-07-13	Feet below surface:	18.07
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-06-10	Feet below surface:	18.48
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-05-06	Feet below surface:	18.03
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-04-08	Feet below surface:	17.97
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-03-11	Feet below surface:	16.91
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-02-13	Feet below surface:	16.72
Feet to sea level:	Not Reported		
Note:	Water level was affected by atmospheric pressure.		

A5
North
1/2 - 1 Mile
Higher

TN WELLS TN8000000035730

Well Number:	11900834	Well Use:	Other
Completion Date:	21-AUG-75	Total Depth (ft):	225
Completion Est Yield (gpm):	1	Casing Type:	Steel
Casing Feet Below Ground:	22	License Code:	120
Driller Tag #:	Not Reported	Driller Report ID:	160
Inspection Date:	Not Reported	Inspection Tag #:	0
Completion Static Levels:	0	Finish Type:	Not Reported
Finish From (ft):	0	Finish to (ft):	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Form Log:

No

6
North
1/2 - 1 Mile
Higher

TN WELLS

TN8000000035728

Well Number: 11900830
Completion Date: 03-JUN-75
Completion Est Yield (gpm): 8
Casing Feet Below Ground: 21
Driller Tag #: Not Reported
Inspection Date: Not Reported
Completion Static Levels: 7
Finish From (ft): 0
Form Log: No

Well Use: Residential
Total Depth (ft): 100
Casing Type: Steel
License Code: 120
Driller Report ID: 35
Inspection Tag #: 0
Finish Type: Not Reported
Finish to (ft): 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: TN Radon

Radon Test Results

County	Total Sites	Avg	Max	<4 pCi/L	4-10 pCi/L	10-20 pCi/L	20-50 pCi/L	50-100 pCi/L	>100 pCi/L
MAURY	13	4.8	14.6	9	1	3	0	0	0

Federal EPA Radon Zone for MAURY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MAURY COUNTY, TN

Number of sites tested: 27

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.878 pCi/L	70%	30%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	6.842 pCi/L	42%	50%	8%

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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Environment & Conservation

Telephone: 651-532-0052

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

County Water Wells in Tennessee

Source: Department of Environment and Conservation

Telephone: 615-532-0160

Water well locations for the entire state.

Oil and Gas Well Database

Department of Environment & Conservation

Telephone: 615-687-7109

A listing of locations of oil and gas well permits issued across the state.

OTHER STATE DATABASE INFORMATION

RADON

State Database: TN Radon

Source: Department of Environment & Conservation

Telephone: 615-299-9725

Radon Test Results

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 IRRA 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

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APPENDIX E

EDR Historical Aerial Reports

34-231319 Woodland Trails Phase I

3562 Hwy 431

Spring Hill, TN 37174

Inquiry Number: 7328179.8

May 05, 2023

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

05/05/23

Site Name:

34-231319 Woodland Trails Ph
3562 Hwy 431
Spring Hill, TN 37174
EDR Inquiry # 7328179.8

Client Name:

GeoServices, LLC
P.O. Box 23894
Knoxville, TN 37933
Contact: Keneshia Gamble



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:

Year	Scale	Details	Source
2018	1"=875'	Flight Year: 2018	USDA/NAIP
2014	1"=875'	Flight Year: 2014	USDA/NAIP
2010	1"=875'	Flight Year: 2010	USDA/NAIP
2007	1"=875'	Flight Year: 2007	USDA/NAIP
1997	1"=875'	Acquisition Date: March 21, 1997	USGS/DOQQ
1981	1"=875'	Flight Date: February 24, 1981	USDA
1975	1"=875'	Flight Date: April 01, 1975	USGS
1953	1"=875'	Flight Date: October 23, 1953	USGS

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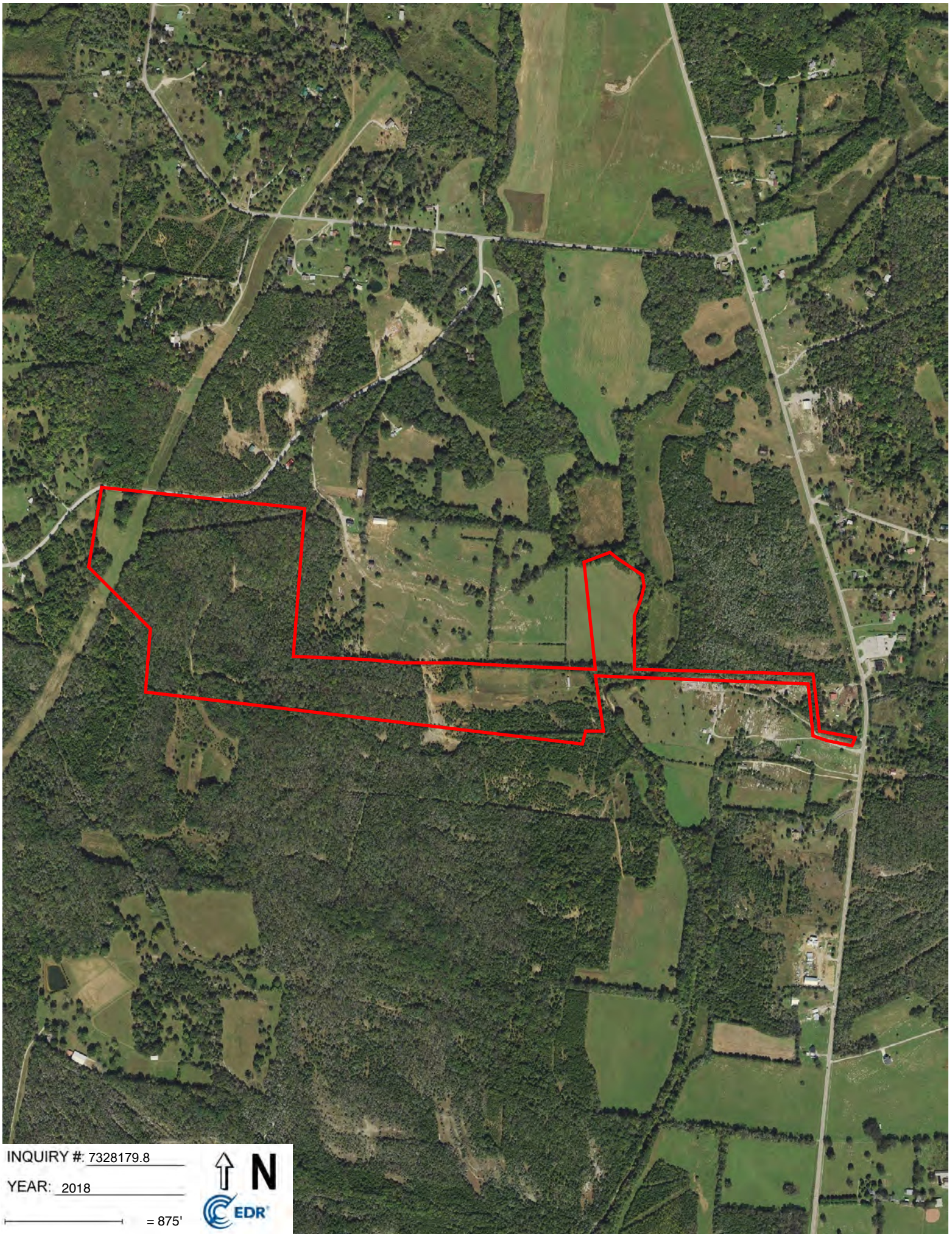
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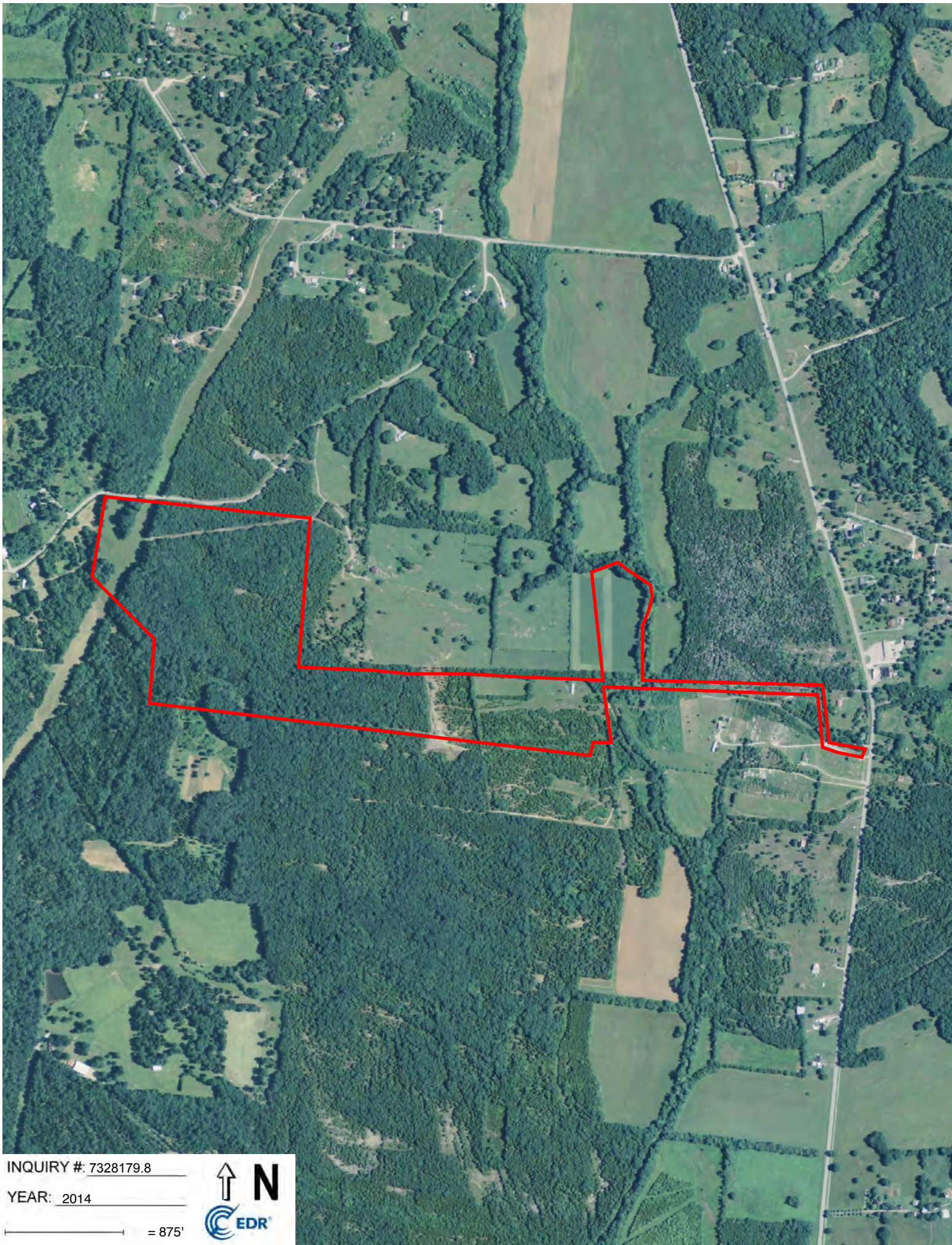


INQUIRY #: 7328179.8

YEAR: 2018

— = 875'



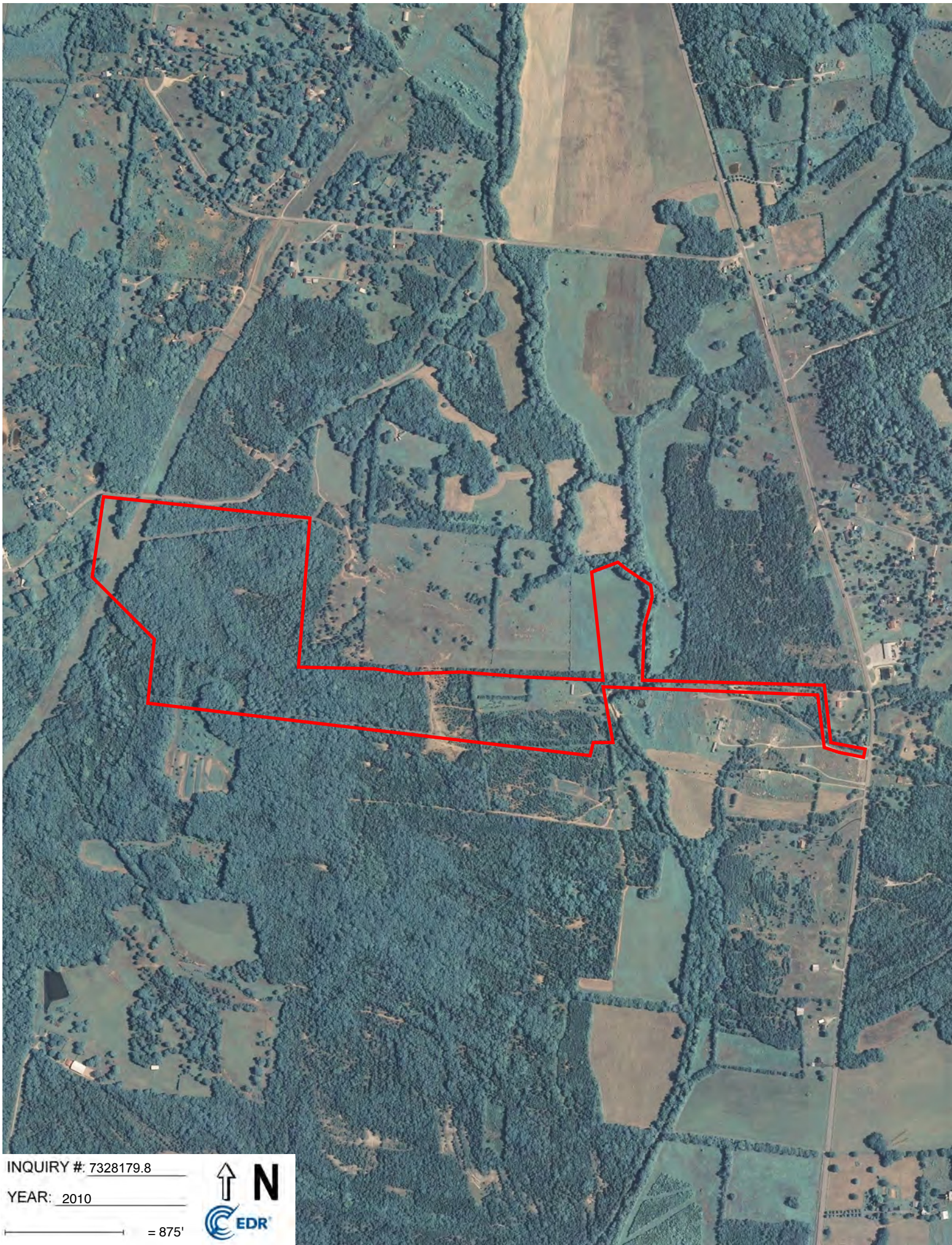


INQUIRY #: 7328179.8

YEAR: 2014

— = 875'



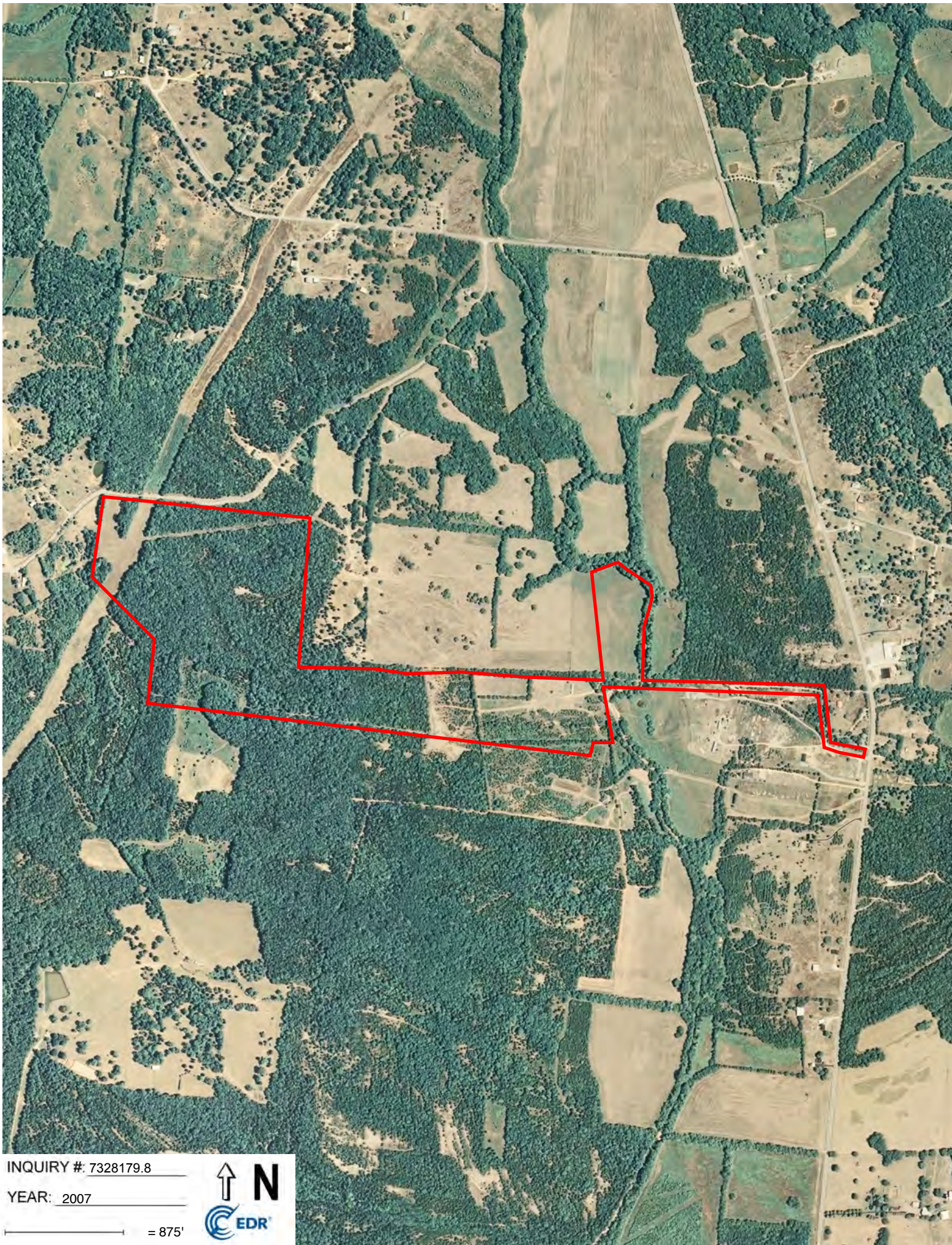


INQUIRY #: 7328179.8

YEAR: 2010

— = 875'



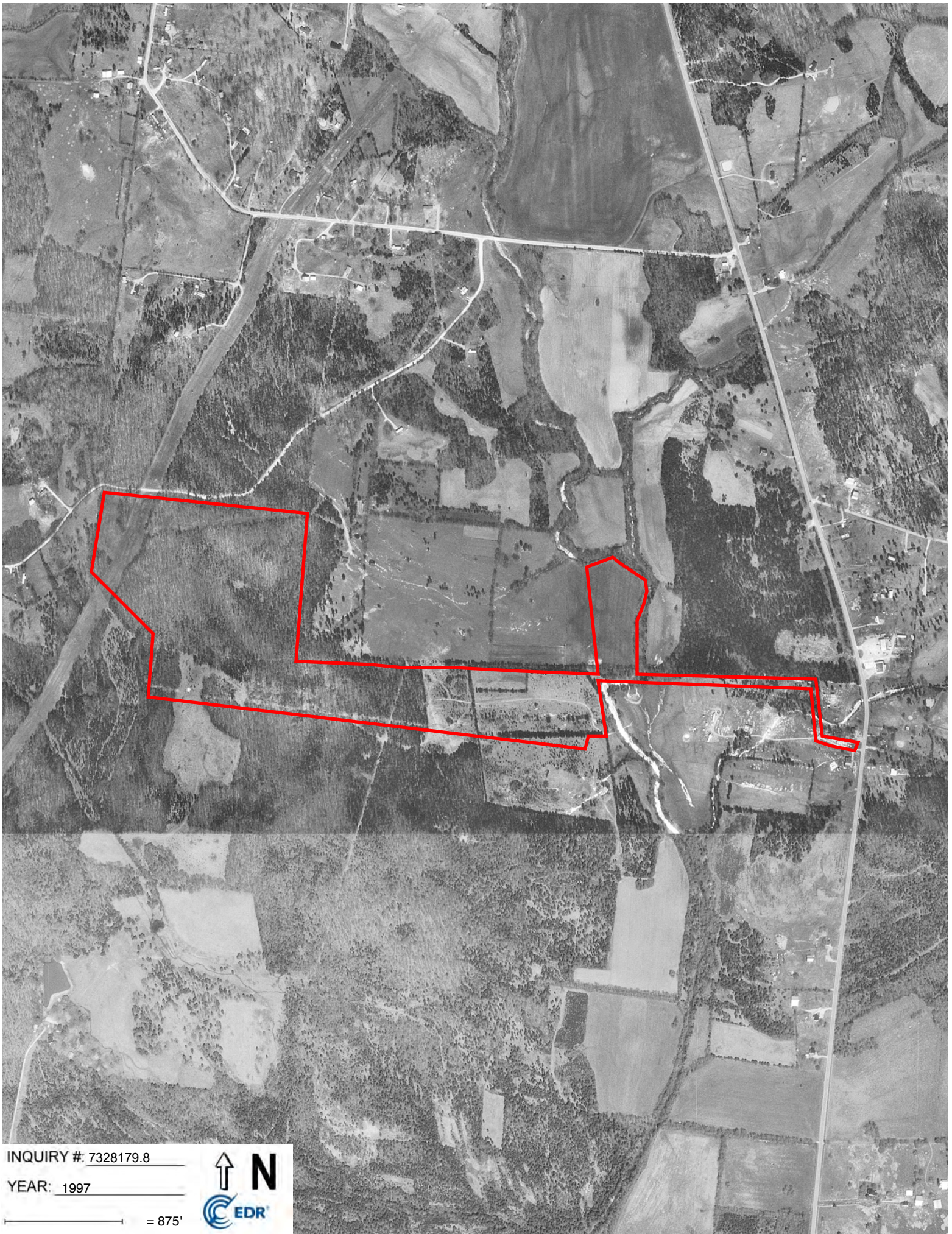


INQUIRY #: 7328179.8

YEAR: 2007

— = 875'



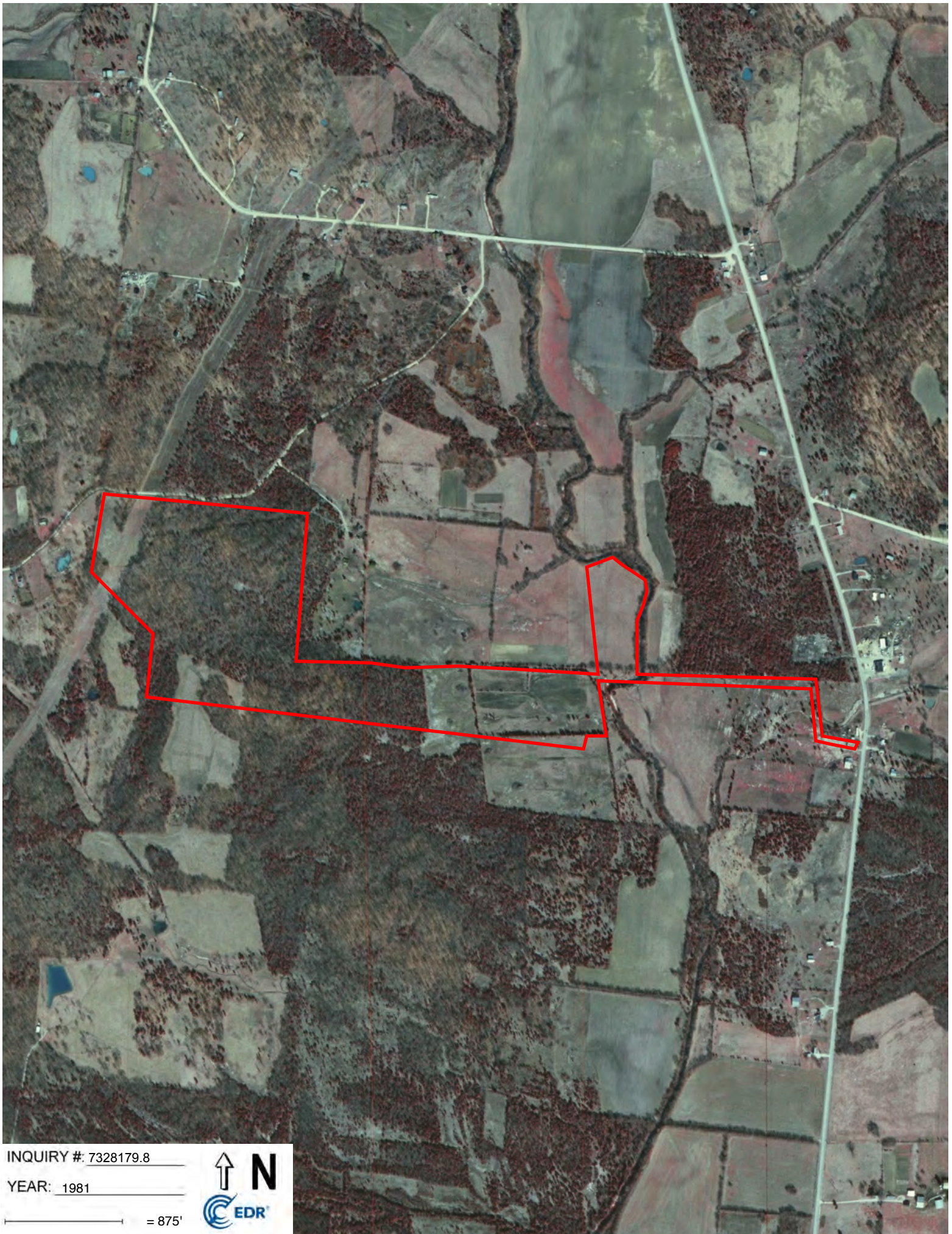


INQUIRY #: 7328179.8

YEAR: 1997

— = 875'



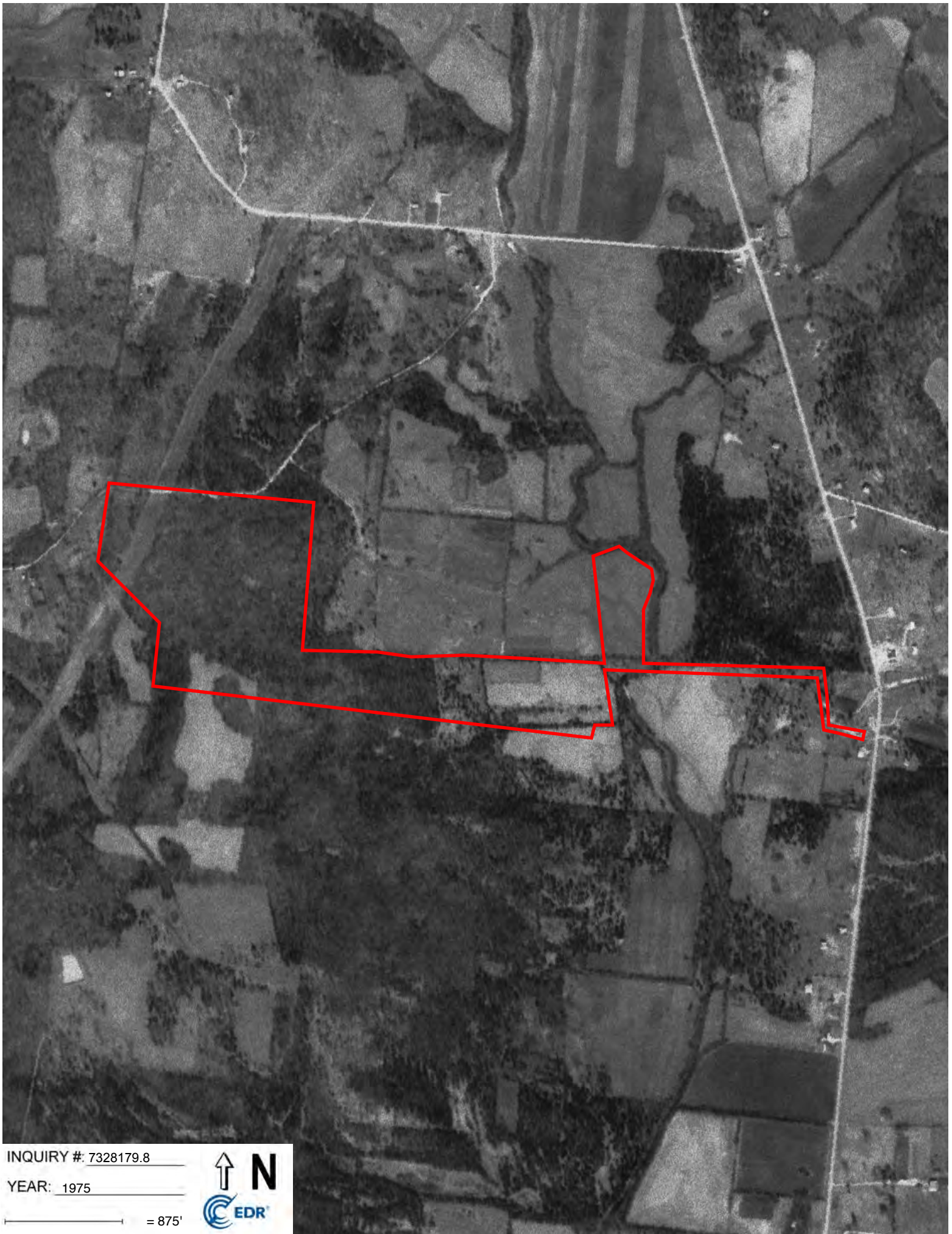


INQUIRY #: 7328179.8

YEAR: 1981

875'



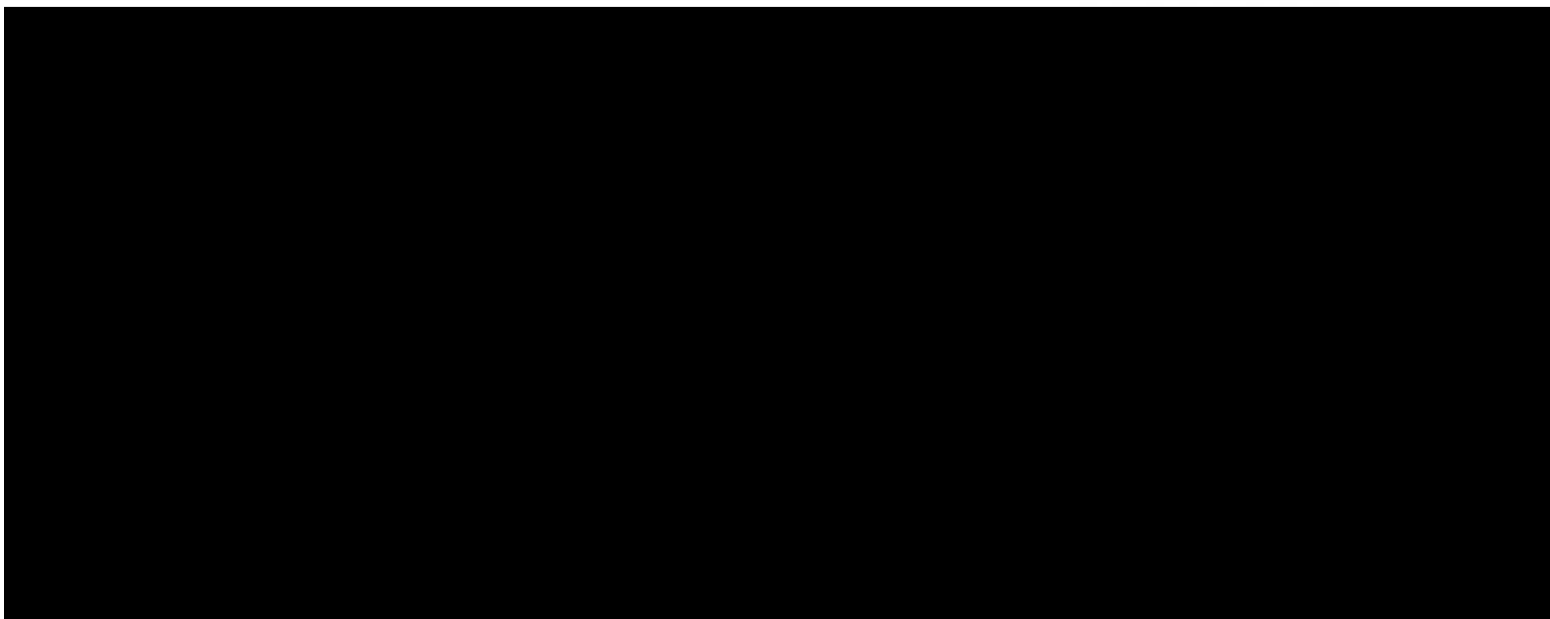


INQUIRY #: 7328179.8

YEAR: 1975

— = 875'





APPENDIX F

EDR Topographic Map Research Results

34-231319 Woodland Trails Phase I

3562 Hwy 431

Spring Hill, TN 37174

Inquiry Number: 7328179.4

May 04, 2023

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

05/04/23

Site Name:

34-231319 Woodland Trails Ph
3562 Hwy 431
Spring Hill, TN 37174
EDR Inquiry # 7328179.4

Client Name:

GeoServices, LLC
P.O. Box 23894
Knoxville, TN 37933
Contact: Keneshia Gamble



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GeoServices, 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.#	34-231319	Latitude:	35.687204 35° 41' 14" North
Project:	34-231319 Woodland Trails Ph	Longitude:	-86.837825 -86° 50' 16" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	514673.96
		UTM Y Meters:	3949267.82
		Elevation:	680.00' above sea level

Maps Provided:

2019
2016
2013
1981
1967
1947
1936

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Topo Sheet Key

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

2019 Source Sheets



Rally Hill
2019
7.5-minute, 24000

2016 Source Sheets



Rally Hill
2016
7.5-minute, 24000

2013 Source Sheets



Rally Hill
2013
7.5-minute, 24000

1981 Source Sheets



Rally Hill
1981
7.5-minute, 24000
Aerial Photo Revised 1979

Topo Sheet Key

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

1967 Source Sheets



Rally Hill
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1947 Source Sheets

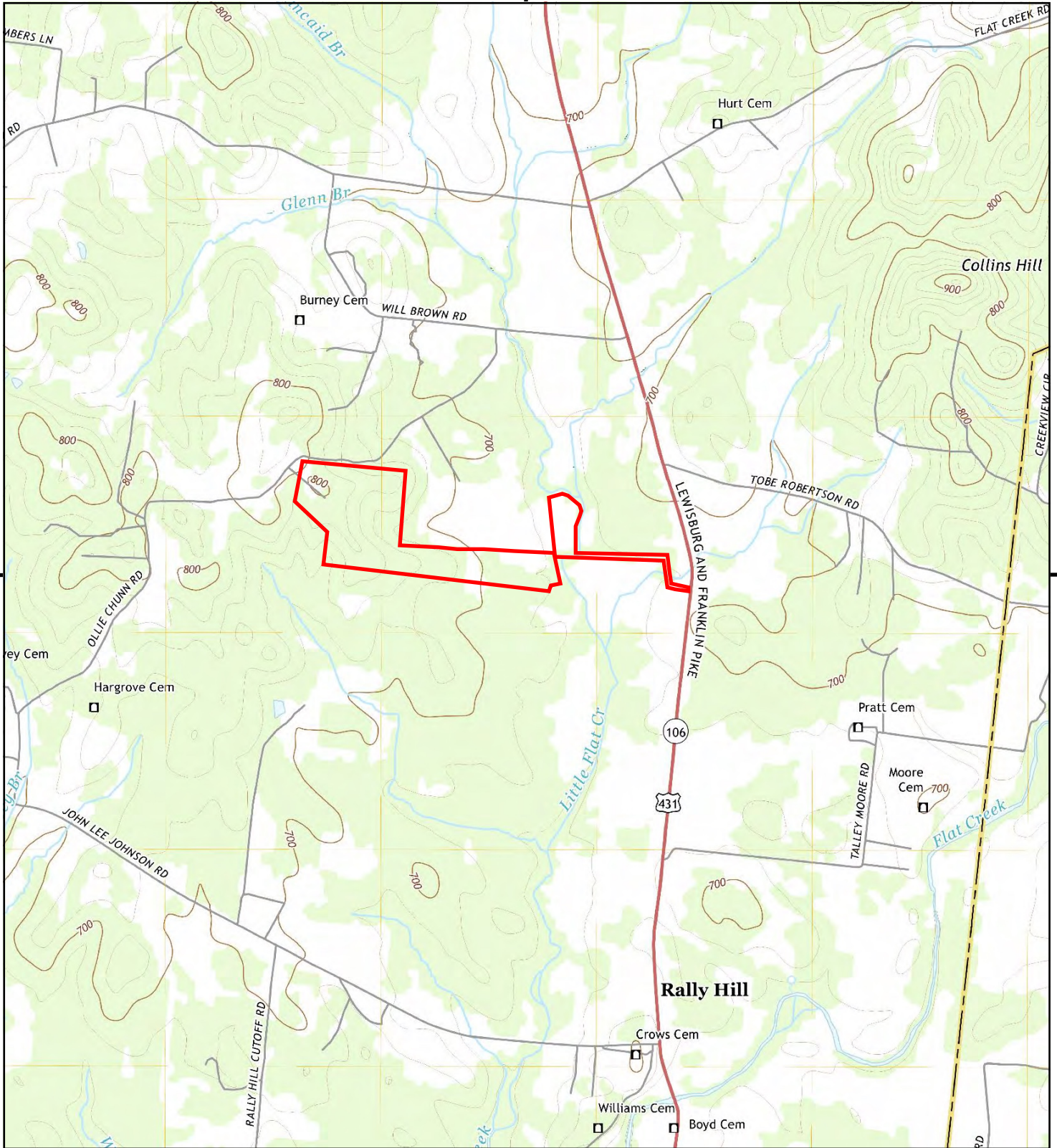


Rally Hill
1947
7.5-minute, 24000

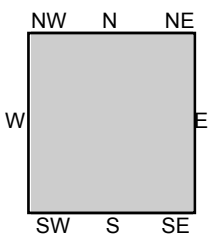
1936 Source Sheets



Rally Hill
1936
7.5-minute, 24000



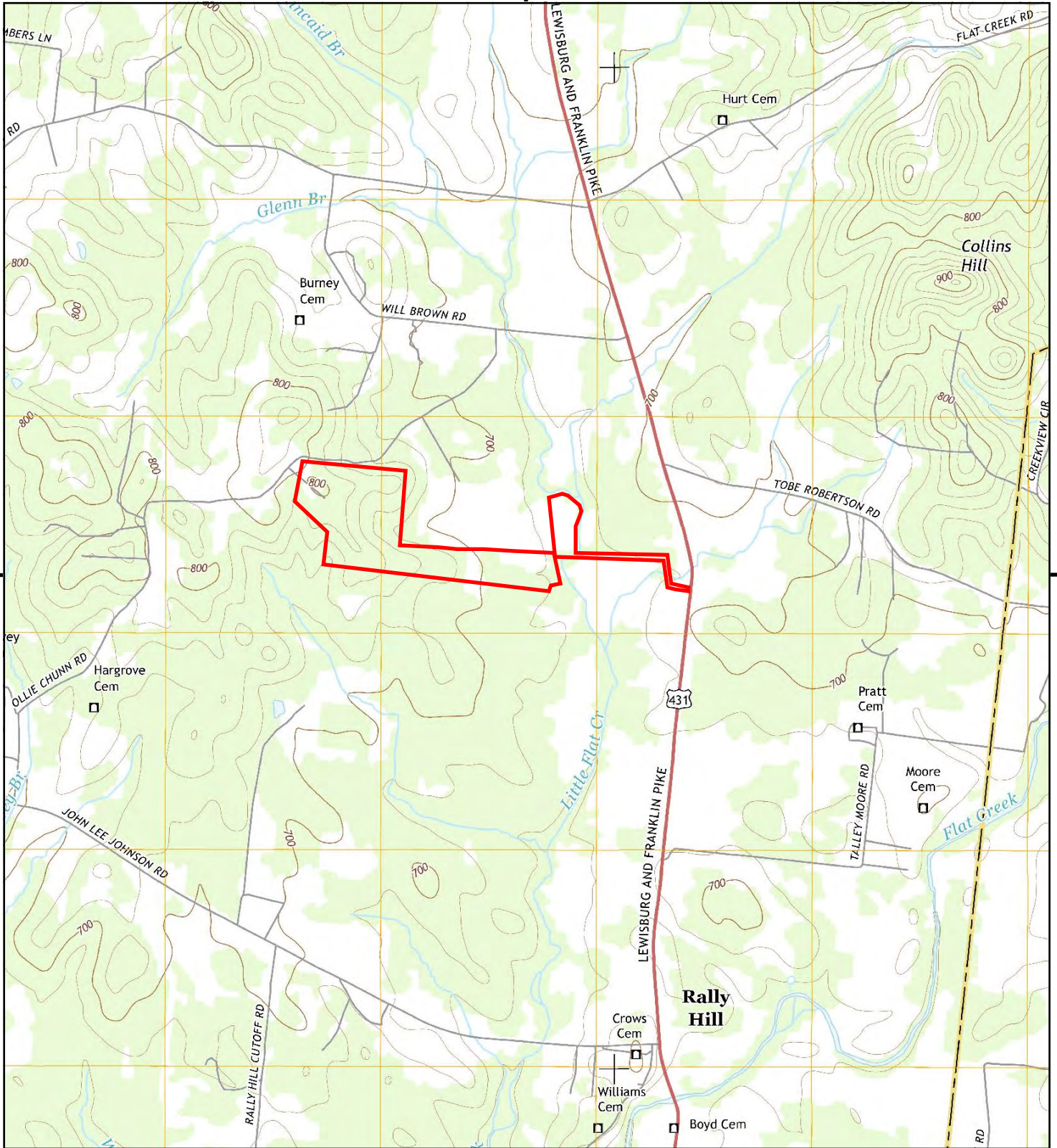
This report includes information from the following map sheet(s).



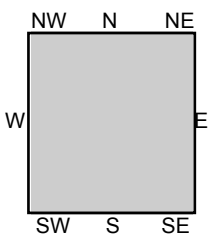
TP, Rally Hill, 2019, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill, TN 37174
 CLIENT: GeoServices, LLC





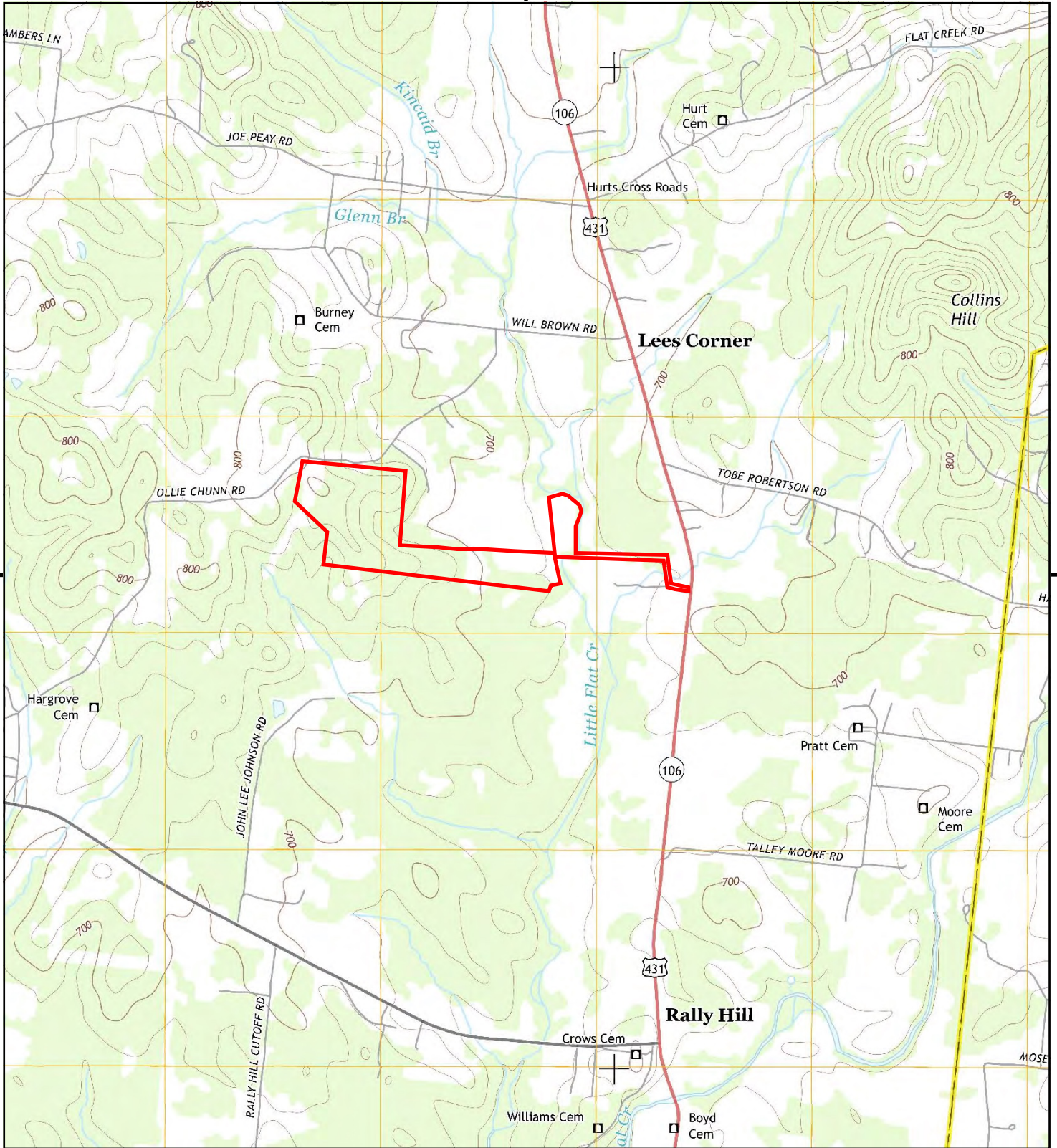
This report includes information from the following map sheet(s).



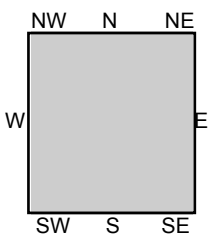
TP, Rally Hill, 2016, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill, TN 37174
 CLIENT: GeoServices, LLC





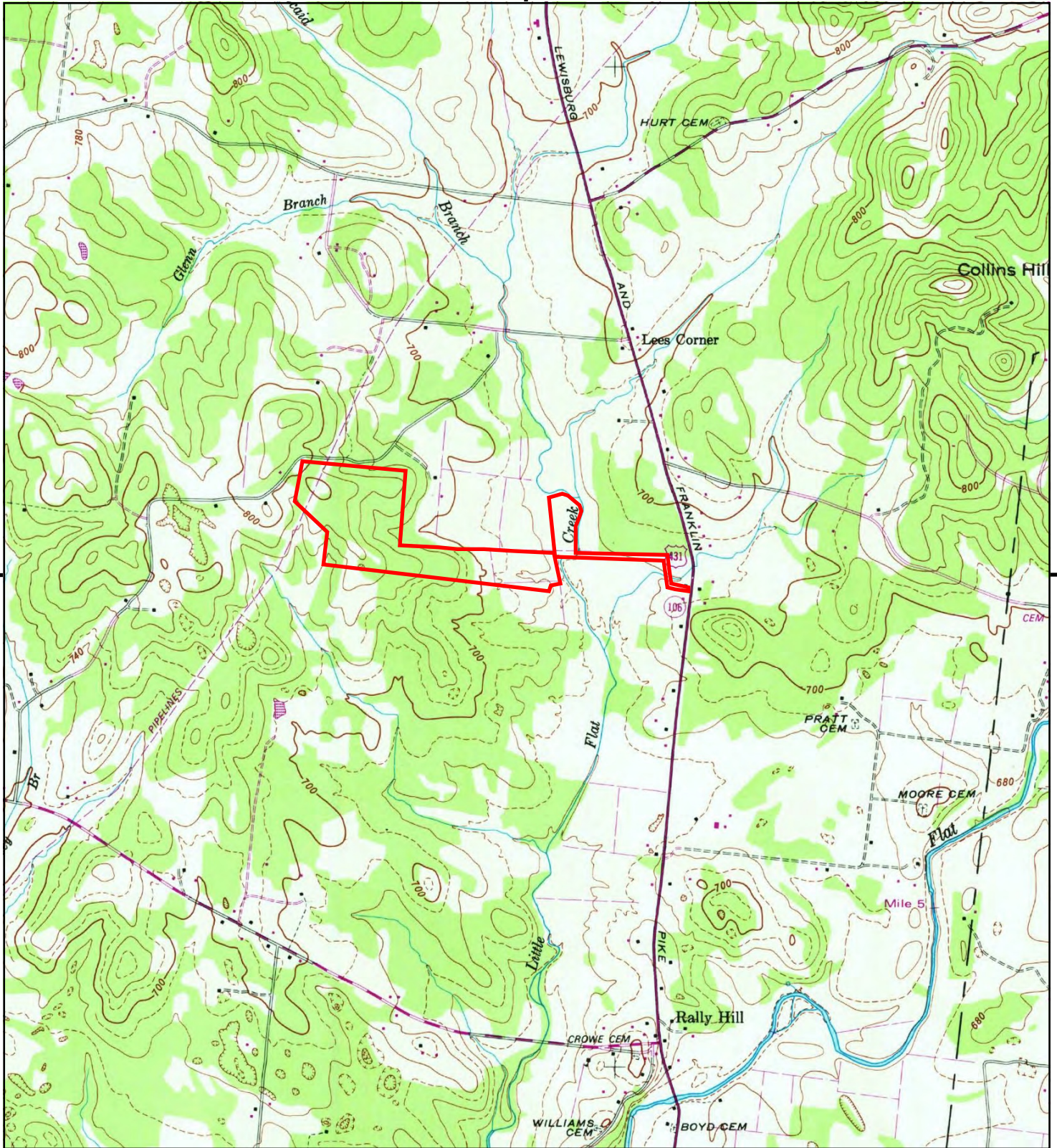
This report includes information from the following map sheet(s).



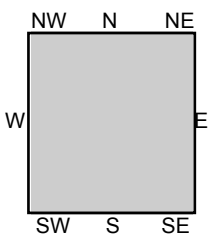
TP, Rally Hill, 2013, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
ADDRESS: 3562 Hwy 431
Spring Hill, TN 37174
CLIENT: GeoServices, LLC





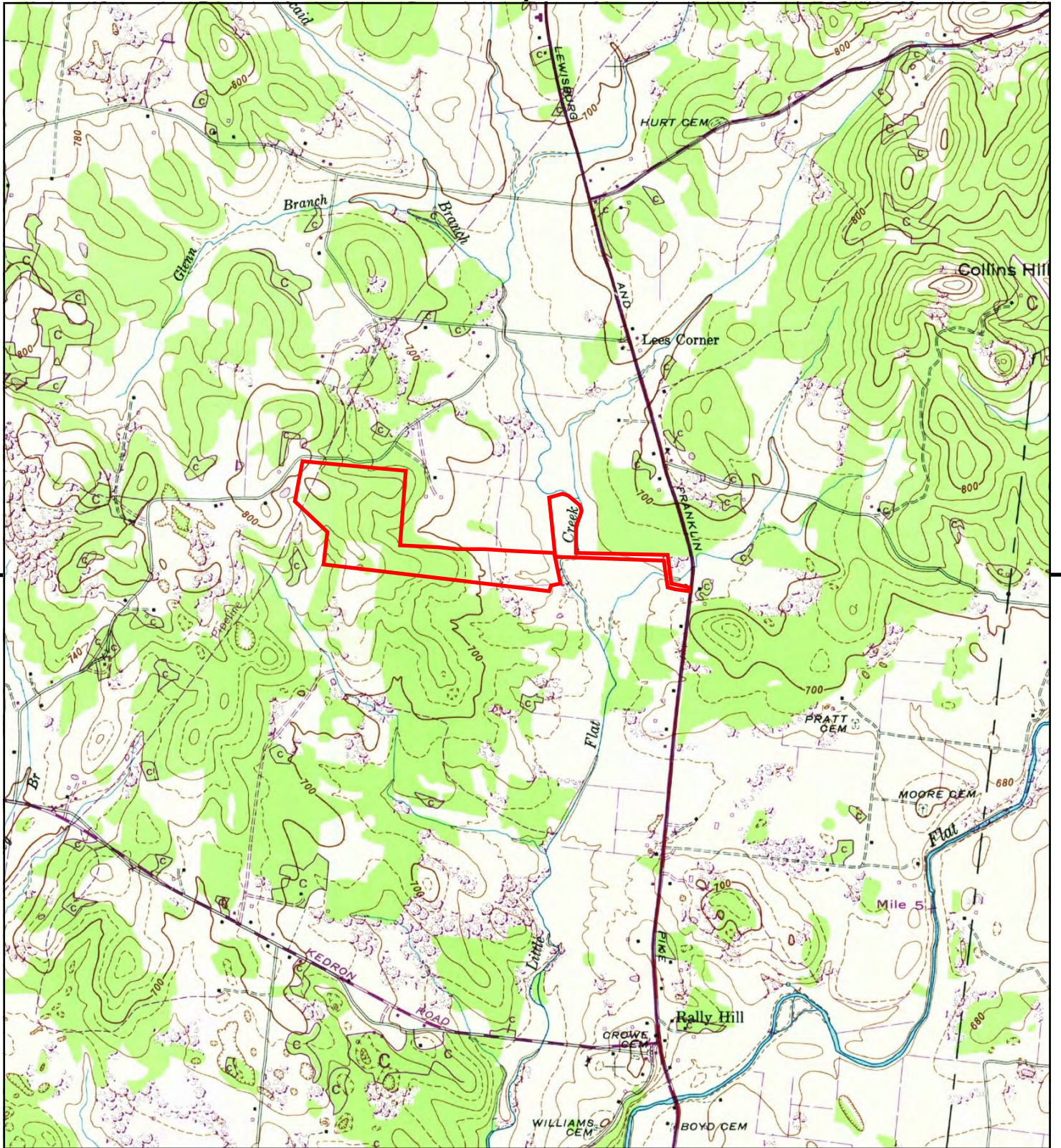
This report includes information from the following map sheet(s).



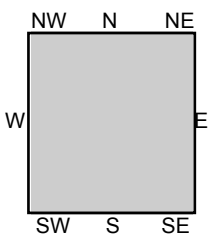
TP, Rally Hill, 1981, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill, TN 37174
 CLIENT: GeoServices, LLC





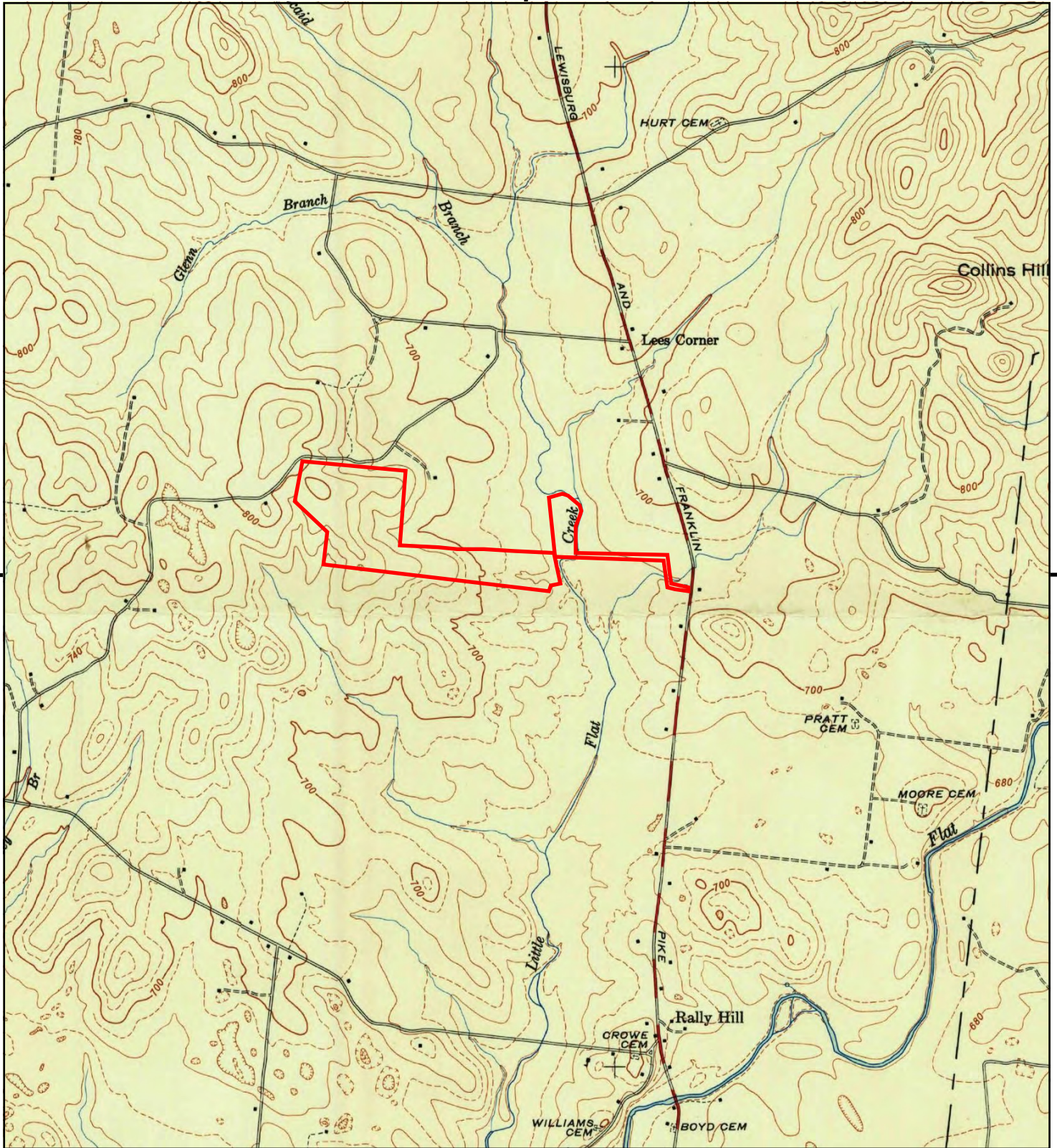
This report includes information from the following map sheet(s).



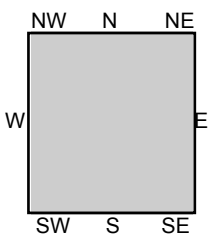
TP, Rally Hill, 1967, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
ADDRESS: 3562 Hwy 431
Spring Hill, TN 37174
CLIENT: GeoServices, LLC





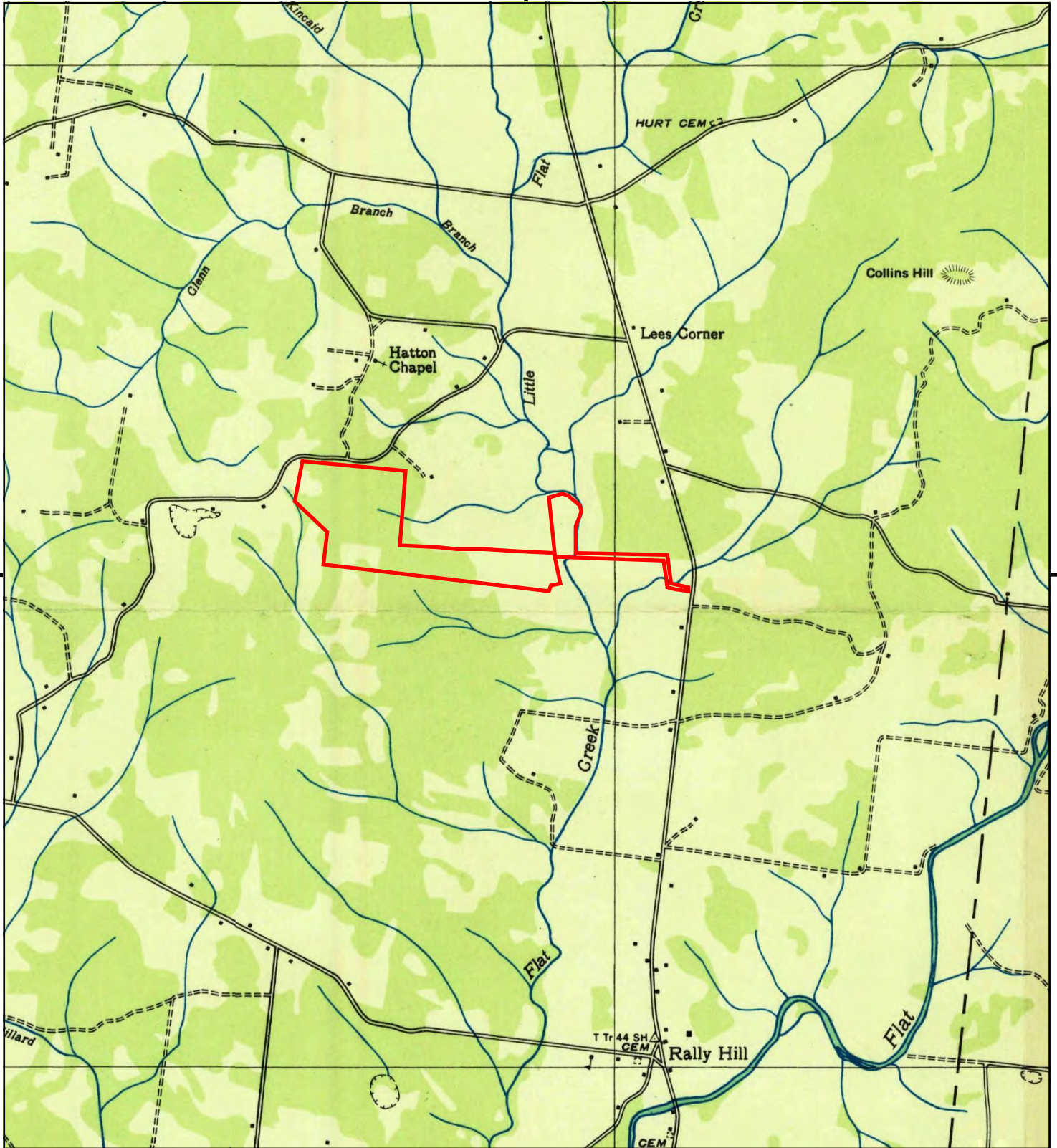
This report includes information from the following map sheet(s).



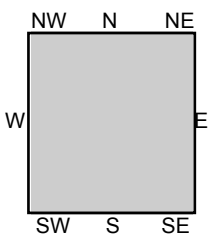
TP, Rally Hill, 1947, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill, TN 37174
 CLIENT: GeoServices, LLC





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



TP, Rally Hill, 1936, 7.5-minute

SITE NAME: 34-231319 Woodland Trails Phase I
 ADDRESS: 3562 Hwy 431
 Spring Hill, TN 37174
 CLIENT: GeoServices, LLC



APPENDIX G

EDR Historical Directory Report

34-231319 Woodland Trails Phase I

3562 Hwy 431
Spring Hill, TN 37174

Inquiry Number: 7328179.5
May 08, 2023

The EDR-City Directory Image Report

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City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	☒	☒	EDR Digital Archive
2017	☒	☒	Cole Information
2014	☒	☒	Cole Information
2010	☒	☒	Cole Information
2005	☒	☒	Cole Information
2000	☒	☒	Cole Information
1995	☒	☒	Cole Information
1992	☐	☐	Cole Information

FINDINGS

TARGET PROPERTY STREET

3562 Hwy 431
Spring Hill, TN 37174

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

431 HWY

2020	pg A1	EDR Digital Archive
------	-------	---------------------

HIGHWAY 431

2020	pg A2	EDR Digital Archive
2017	pg A5	Cole Information
2014	pg A7	Cole Information
2010	pg A9	Cole Information
2005	pg A11	Cole Information
2000	pg A13	Cole Information
1995	pg A15	Cole Information
1992	-	Cole Information

Street not listed in Source

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

OLLIE CHUNN RD

2020	pg. A3	EDR Digital Archive
2017	pg. A6	Cole Information
2014	pg. A8	Cole Information
2010	pg. A10	Cole Information
2005	pg. A12	Cole Information
2000	pg. A14	Cole Information
1995	pg. A16	Cole Information
1992	-	Cole Information
		Street not listed in Source

City Directory Images

431 HWY 2020

3016 NATIONAL OILWELL VARCO

HIGHWAY 431

2020

3002	LISA BURT
	RICHARD BURT
3006	CARA PEARSON
	CURTIS PEARSON
	MARY PARKER
3016	KELSEY FORREST
	TAMMY FORREST
3024	BARBARA BRADFORD
	BARBARA HAYNES
	JAMES GOLDMAN
3032	JOSEPH STANFORD
	KATHLEEN STANFORD
	KENNETH BLOWERS
	PAMELA STANFORD
3066	CORNELIA NEAL
3071	ADAM BROCK
3086	ANDREW MILLER
	HANNAH RITTER
3088	JAMES THURBER
	PEGGY THURBER
3180	KAY HARPER
	SANDRA HARPER
	WAYNE HARPER
3205	BEVERLY CLEMONS
	DONALD CLEMONS
	MAMIE SCOVILLE
3207	JOHNNIE MENCER
3219	DAVID HARVEY
	KATHLEEN HARVEY
	KAYLA MALONE
3235	GENEVA STEPHENS
	LEONARD STEPHENS
3260	DEDE DAY
	HARVEY BURSTEIN
3261	MICHAEL GLASS
	SARAH GLASS
3271	MADELINE AKIN
	MATT AKIN
3277	ASHLEY DAMELL
	ASHLEY DARNELL

OLLIE CHUNN RD

2020

4719	BARBARA MONROE BARBARA WILSON DENNIS MONROE
4725	ANDREW ZIRSCHKY DWIGHT ZIRSCHKY EARL ZIRSCHKY LINDE ZIRSCHKY
4726	DAVID REIBER
4727	THOMAS SEXTON
4731	MELODY NICHOLS TIMOTHY NICHOLS
4739	SUSAN MUSICK
4749	ANOTHONY LEMBO SHANNON LEMBO
4753	ROSA LUIS SHERRY WELLS
4755	LAWRENCE SCHWARTZ
4757	CRYSTAL SCHWARTZ
4771	KATHERINE BRAY MELODY MARSE
4791	DONOVAN MARSE RHONDA MARSE
4850	TANYA PRIFITERA
4860	BARBARA PRIFITERA FRANK PRIFITERA
4901	JESSICA PIERCE KIMBERLY LYONS MICHAEL PIERCE
4904	ALLISON HURST DAVID HURST SHELBY HURST
4923	BRITTNEY WAGNER JOHN WAGNER MARTHA WAGNER
4935	BRITTANI MOYERS LETITIA MOYERS ROGER MOYERS
4949	MCCOMBS JONES MISTY JONES TROY JONES
4950	ALLISON HURST DAVID HURST
4951	JOSHEA DILL MISTY JONES
4975	JOSE VILLARREAL SANDRA GONZALEZ
4980	CHRISTY MANGRUM JEANNE BALLOW JOSH MANGRUM
5001	JOSE VILLIARREAL

OLLIE CHUNN RD**2020****(Cont'd)**

5100	KIMBERLY DALE
5124	ALLAN STALNAKER
	DREW STALNAKER
5150	KEVIN DUVALL
	SHANNON DUVALL
5151	BRITTNEY JACKSON
	HOWARD RAGSDALE
5154	MICHAEL DUVALL
	MITZI DUVALL
5155	DAVID STOVALL
	MEDENNA STOVALL
	RANDEL SANKER

HIGHWAY 431

2017

3006	BUSHAW, JAMES
3016	NATIONAL OILWELL VARCO
3024	HAYNES, BARBARA A
3032	STANFORD, JAMES
3086	MILLER, ANDY A
3088	THURBER, JAMES I
3100	WARREN, THOMAS C
3180	HARPER, GORDON
3205	CLEMONS, DONALD E
3207	MENCER, ELLA F
3219	JONES, BILLY G
3224	BAILEY, MARY K
3235	STEPHENS, LEONARD A
3249	LAMPLEY, TIMOTHY A
3260	DAY, DEDE
3271	CONROY, MICHAEL P
3277	SORRENTO, MELISSA D
3309	BURCH, HERSCHELL R

OLLIE CHUNN RD

2017

4711	TRAWICK, AMY E
4719	MONROE, DENNIS
4725	HELTON, JESSICA
4727	SEXTON, THOMAS E
4731	NICHOLS, TIMOTHY C
4755	SCHWARTZ, LARRY H
4757	SCHWARTZ, DANIEL L
4768	NORMAN, CHAZ
4771	MARSE, RHONDA M
4791	MARSE, DONOVAN J
4850	PRIFITA, TANYA
4901	PIERCE, MICHAEL D
4923	WAGNER, JOHN E
4935	MOYERS, LETITIA A
4949	DILL, CONNIE M
	MAJESTIC TOOL & DYE
4951	DILL, JOSHEA M
	MAJESTIC TOOL & DYE
4975	GONZALEZ, SANDRA Y
4980	MANGRUM, JOSH J
5001	VILLARREAL, ERICA D
5100	DALE, KIM N
5150	DUVALL, KEVIN W
5154	DUVALL, MIKE A
5155	WRIGHT, JONATHAN D
5164	MOSELY, KELLY

HIGHWAY 431

2014

3002	THOMPSON, FRED C
3006	BURT, RICHARD A
3016	FORREST, TAMMY J
	NATIONAL OILWELL VARCO
3024	PHILLIPS, SUZANNE
3032	STANFORD, KATHLEEN R
3065	DANNER, JUDITH L
3066	NEAL, CORNELIA
3067	DAVIS, ELIZABETH
3071	BROCK, ADAM L
3086	MILLER, ANDY A
3088	THURBER, JAMES I
3100	WARREN, THOMAS C
3180	HARPER, WAYNE G
3202	OCCUPANT UNKNOWN,
3205	CLEMONS, DONALD E
3207	MENCER, ELLA F
3219	JONES, BILLY G
3224	BAILEY, TOMMY W
3235	STEPHENS, LEONARD A
3249	LAMPLEY, LATISHA R
3260	DAY, DEDE
3277	HART, CLINT D
3309	BURCH, HERSCHELL R

OLLIE CHUNN RD

2014

4719	MONROE, DENNIS R
4725	SAKOWICZ, GENE
4727	SEXTON, THOMAS E
4731	NICHOLS, TIMOTHY C
4739	SLUSHER, SCOTT A
4749	BEU, RICHARD A
4753	OCCUPANT UNKNOWN,
4755	SCHWARTZ, LARRY H
4757	SCHWARTZ, CHRYSTAL E
4768	JOHNSON, EDWARD
4771	BRAY, KATHERINE
4791	MARSE, DONOVAN J
4809	BLISS, JEFFREY A
4848	DAVIDSON, CHRISTI
4850	OCCUPANT UNKNOWN,
4901	SWIFT, RONNIE G
4923	OCCUPANT UNKNOWN,
4935	MOYERS, ROGER D
4949	DILL, CONNIE M
4951	DILL, JOSHEA M
4975	GONZALEZ, RALPH R
	VILLAREAL, JOSE R
4980	JEFFERS, JOYCE C
5001	DELACRUZ, MARIO
5100	DALE, KIM N
5150	DUVALL, KEVIN W
5154	DUVALL, MIKE A
5155	STOVALL, DAVID
5164	MOSELY, KELLY

HIGHWAY 431

2010

3002	THOMPSON, FRED C
3006	BURT, RICHARD A
3016	FORREST, HENRY
3065	DANNER, JUDITH L
3066	NEAL, CORNELIA
3067	DAVIS, ELIZABETH
3086	ANDY MILLER WOODWORKS
	MILLER, ANDY A
3088	THURBER, JAMES I
3100	WARREN, THOMAS C
3180	HARPER, SANDRA K
3202	TRICKEY, PAUL S
3205	CLEMONS, DONALD E
3207	MENCER, ELLA F
3219	JONES, BILLY G
3224	BAILEY, TOMMY W
3249	LUTZ, REBEKAH
3260	HENDERSON, ROBERT B
3277	HART, CLINT D
3309	BURCH, HERSCHELL R

OLLIE CHUNN RD**2010**

4711	HOATH, JONATHAN A
4725	AUSTIN, KERRY D
4727	ACCARDI, NADEEN E
4731	NICHOLS, TIMOTHY C
4739	BIGELOW, ROY
4749	BEU, RICHARD A
4753	ROSA, LUIS A
4755	SCHWARTZ, LARRY H
4757	WHITTLE, CHRYSTAL E
4768	NORMAN, JOSHUA J
4791	MARSE, DONOVAN J
4809	BLISS, JEFFREY A
4850	LOWE, WILLIAN T
4901	SWIFT, RONNIE G
4923	ROSE, JOHN E
4935	MOYERS, ROGER D
4949	DILL, JOSEPH
4951	JONES, TROY
4975	GONZALEZ, SANDRA G
5001	VILLIARREAL, JOSE R
5100	DALE, KIM N
5150	DUVALL, KEVIN W
5154	DUVALL, MIKE A

HIGHWAY 431

2005

3002	THOMPSON, FRED C
3006	BURT, RICHARD A
3016	FORREST, HENRY
3024	HAYNES, CHARLES G
3032	STANFORD, JOSEPH E
3034	OCCUPANT UNKNOWN,
3065	OCCUPANT UNKNOWN,
3066	NEAL, CORNELIA
3067	DAVIS, ELIZABETH
3086	MILLER, ANDY A
3088	THURBER, JAMES
3100	WARREN, THOMAS C
3180	HARPER, WAYNE G
3202	MARLIN, MAGGIE E
3205	CLEMONS, DONALD E
	JOURNEY BOOKS
3207	MENCER, ELLA F
3219	JONES, BILLY G
3224	BAILEY, TOMMY W
3260	HENDERSON, ROBERT B
3261	BENNETT, RUTH
3271	BAILEY, JAY
3277	OCCUPANT UNKNOWN,

OLLIE CHUNN RD

2005

4711 OCCUPANT UNKNOWN,
4719 MONROE, DENNIS R
4725 AUSTIN, KERRY D
4727 SEXTON, THOMAS E
4731 OCCUPANT UNKNOWN,
4739 BIGELOW, KENNETH M
4749 BEU, RICHARD A
4753 BERTLING, DALE
4755 SCHWARTZ, DANIEL L
4757 WHITTLE, CHRYSTAL
4768 NORMAN, JAMES E
4791 MARSE, DONOVAN J
4809 OCCUPANT UNKNOWN,
4850 LOWE, WILLIAN T
SURROUND SOLUTIONS
4901 SWIFT, RONNIE
4950 ANDREWS, NANCY C
4975 VILLAREAL, JOSE R
4980 JEFFIERS, MARCEN M
5001 VILLIARREAL, JOSE R
5100 DALE, KIM N
5150 DUVALL, KEVIN W
5153 DUVALL, MIKE A
5154 DUVAL, MARGARET L
5155 DUVALL, JAMES A

HIGHWAY 431**2000**

3086	MILLER, ANDY
	YOUNG, A M
3180	WARREN, K
3260	BOER, MELANIE L
3271	MANSFIELD, CLEATUS

OLLIE CHUNN RD**2000**

4711 HOATH, J
4725 AUSTIN, KERRY
4727 HILL, RANDY
4749 BEU, RICHARD
4753 BEARDEN, GREG
4791 MARSE, RHONDA M
4809 WAY, JASON
4850 LOWE, WILLIAN
4901 SWIFT, RONNIE
5150 DUVALL, KEVIN
5153 DUVALL, MIKE
5155 DUVALL, JAMES

HIGHWAY 431**1995**

3032	STANFORD, EDDIE
3069	LOVELL, GRACE H
3086	MILLER, ANDY
	YOUNG, A M
3219	JONES, MARGIE

OLLIE CHUNN RD**1995**

4711	HOATH, J
4725	AUSTIN, KERRY
4729	PARKS CABINET SHOP
4749	PARSLEY, KEN
4753	BEARDEN, GREG
4850	LOWE, WILLIAN
4950	ANDREWS, BIDDLE
4980	JEFFRIES, MARCEN
5150	DUVALL, KEVIN
5155	DUVALL, JAMES

APPENDIX H

Resumes

Keneshia Gamble

Environmental Project Manager



YEARS OF EXPERIENCE

5 years at GEOservices

EDUCATION

Bachelor in Biology:
Environmental Science,
University of Tennessee at
Chattanooga, 2013

CERTIFICATIONS

Fundamentals of EPSC Level 1
Certified Personnel, TDEC

FIELDS OF COMPETENCE

Phase I & Phase II Environmental Site Assessments (ESAs), Erosion and Sediment Control Inspections based on Stormwater Pollution Prevention Plans (SWPPP), and Brownfield Redevelopment. Conduct vapor intrusion sampling and mitigation, soil boring sampling and classification of potentially impacted soils, and soil and groundwater lab analysis. Project management of environmental projects. Environmental oversight involving field screening, sampling, and soil characterization of excavated material. Radon sampling and Public Outreach.

KEY PROJECTS

GEOservices, LLC, conducted and prepared numerous Phase I and Phase II ESA for development or refinancing. Gather site specific data from local and governmental agencies for additional historical and regulatory site use categorization. Review and compile information into detailed written report with findings including soil and water samples analysis. Locations of assessments include Tennessee, Georgia, Kentucky, Mississippi, Alabama, Louisiana, Kansas, and Ohio.

Palm Development, Hazelhurst, Mississippi Phase II Environmental Site Assessment – Performed an environmental evaluation for a recognized environmental condition (REC) identified in the Phase I investigation. Collected soil samples to determine the potential existence of volatile and semi-volatile organic compounds associated with an operating gasoline station within the property's vicinity.

Anchor Retail Solutions, Cold Spring, Kentucky Phase II Environmental Site Assessment – Conducted an environmental evaluation for a recognized environmental condition (REC) identified in the Phase I investigation. Collected soil samples to determine the potential existence of fly ash and volatile organic compounds associated with fly ash fill placement from prior facilities operating on nearby sites.

Pinnacle Financial, Memphis, Tennessee Phase II Environmental Site Assessment – Conducted an environmental evaluation for a recognized environmental condition (REC) identified in the Phase I investigation. Collected soil vapor samples to determine the presence of volatile organic compounds associated with a former dry cleaner on the property years prior.

Green Tech Homes, Chattanooga, Tennessee Brownfield Investigation Managed soil sampling for EPA Superfund initiative to identify residential properties with elevated presence of foundry sand in the Southside Chattanooga neighborhoods. Analyzed laboratory results for lead and arsenic concentrations that meet and exceed remediation threshold. Provided in depth report with summary of findings and field methods for applicants qualified for property remediation.

ALDI Inc, Murfreesboro, Tennessee EPSC Inspection Services – Performed twice weekly Erosion Prevention and Sediment Control Inspections during the construction project. Ensured on-site stream not impacted and pollution and prevention measures were functioned correctly and maintained.

Cherokee Fisheries & Wildlife Department, Cherokee, North Carolina Species Surveying – Completed salamander, fish, and deer surveys for the Department to identify prominent species in the area. Researched and implemented elements to cultivate favorable habitat conditions in order to improve native species population growth within the reservation boundaries.

City of Chattanooga Water Quality Program, Chattanooga, Tennessee – Water Quality Personnel – Performed regulatory inspections of watershed operations, investigated water quality violations, prepared environmental compliance letters, and maintained sampling records within the Department's database. Participated in community outreach activities for citizen involvement in watershed management.

ENVIRONMENTAL/GEOTECHNICAL SPECIALIST

YEARS EXPERIENCE

19

EDUCATION

Tennessee Technological
University – Ag Engineering

Pellissippi State Technical
College – Civil Engineering
Technology

University of Tennessee –
Department of Civil
Engineering
(senior status/no degree
completed)

CERTIFICATIONS

Tennessee Asbestos Inspector

Tennessee Asbestos
Management Planner

Tennessee Asbestos Project
Monitor

Tennessee Department of
Environment and Conservation
(TDEC) Level I –Fundamentals of
Erosion Prevention and Sediment
Control for Construction Sites

40-hour OSHA HAZWOPER

OSHA 8-hour HAZWOPER
Supervisor

OSHA 30-hour Construction
Safety

Level IA certification Georgia Soil
and Water Conservation
Commission

FIELDS OF COMPETENCE

Standards and Practices for All Appropriate Inquiries, Phase I and Phase II Environmental Site Assessments, Site Characterization and Remediation, Brownfield Redevelopment Program, Hazardous Materials surveys, Asbestos Surveys, and Indoor Air Quality Assessments. Project management of geotechnical and environmental projects. Conducts surveys to assess potential impacts of the proposed projects on various environmentally sensitive. Performs EPSC Inspections based on Stormwater Pollution Prevention Plan (SWPPP), permitting requirement and site observations.

KEY PROJECTS

Hamilton Crossing Development. Site located in Blount County, TN. Assisted client with the completion of a Brownfield Agreement. Developed Health and Safety Plans and Soil Management Plans based on the established Brownfield Agreement and requirements of TDEC. Coordinated with TDEC and provided the client with environmental oversight and monitoring during the property re-development.

Former Kerns Student Housing. Site located in Knoxville, TN. Assisted client with the completion of a Brownfield Agreement. Developed Health and Safety Plans and Soil Management Plans based on the established Brownfield Agreement and requirements of TDEC. Coordinated with TDEC and provided the client with environmental oversight and monitoring during the property re-development.

Central and McCallie Proposed Student Housing. Site located in Chattanooga, TN. Assisted client with the completion of a Brownfield Agreement. Developed Health and Safety Plans and Soil Management Plans based on the established Brownfield Agreement and requirements of TDEC. Coordinated with TDEC and provided the client with environmental oversight and monitoring during the property re-development.

812 E 12th Street Development. Site located in Chattanooga, TN. Assisted client with the completion of a Brownfield Agreement. Developed Health and Safety Plans and Soil Management Plans based on the established Brownfield Agreement and requirements of TDEC. Coordinated with TDEC and provided the client with environmental oversight and monitoring during the property re-development.

Riverside Student Housing. Site located in Chattanooga, TN. Coordinated with TDEC and provided the client with environmental oversight and monitoring during the property re-development.

Brevard County Beach Restoration; Brevard County, FL. Supervised 10 member QC team and the contractor for the 2008 Dune Restoration project. Provided compliance oversight and direction to the contractor as directed by Brevard County. Provided analysis of material quantities and QC of the material used in construction of the beach dunes. The project required coordination with the county, contractor, state biology officials, and the United States Air Force.

EMWMF, Environmental Management Waste Management Facility; Oak Ridge TN. Performed nuclear density testing, soil laboratory testing, aggregate sampling, and construction monitoring for Walls Electric EMWMF project. This project involved the placement of an underdrain system to relieve hydrostatic pressures affecting landfill liners.

Y-12 Landfill. Provided project management and onsite QC/QA for landfill 5 phase project including placement of liner, leachate systems, nuclear density testing, soil laboratory testing, concrete testing, and construction monitoring.

Tri-Cities Regional Airport, Johnson City, TN. Performed numerous tests of asphaltic concrete paving, including the verification of full depth removal of material from taxiways, while complying to FAA regulations and specifications. All tests were performed under AASHTO, and ASTM regulations and under direct supervision of FAA. Tests performed included: nuclear density tests of asphaltic concrete, drilled core samples, and smoothness tests of all pavement joints to FAA specifications.

BWXT/Y-12 Various Projects. Provided project management and onsite QC/QA for various construction projects including nuclear density testing, soil laboratory testing, concrete testing, and construction monitoring.

BWXT/Y-12 - Bear Creek Road Relocation Phase I and Phase II and Haul Road Extension. Provided project management and onsite QC/QA for various construction projects including nuclear density testing, soil laboratory testing, concrete testing, and construction monitoring.

Norton Creek Development, Gatlinburg, Tennessee. The proposed multi-hindered acre development was located in the Smokey Mountains within it challenging geology had impacted the majority the well know trout fishing, Norton Creek Watershed. Most of the tributaries, along with Norton Creek itself had been significantly impacted by siltation due to the development. GEOServices, working with TDEC, developed a multi-phase restoration project that utilized nature, and sediment removal from select locations over several year process to restore the watershed back to its original conditions with minimal impact.

Roane County Industrial Park. Assisted in completing Tennessee Select Sites for development. Conducted Phase I ESAs on sites of varying sizes for the proposed commercial and industrial developments of the Roane County Regional Business and Technology Park. The sites included Pawnook Road 47.2-acres; Buttermilk Road 20.4-acres; Jones Road 50.0-acres; and Cardiff Valley Road 152.4-acres. Provided the client with environmental due diligence, natural resources review, and wetland and stream determinations. an analytical review of historical records; located historic, current, and potential environmental contamination sources and other environmental impacts. Conducted interviews with previous owners and adjacent property owners, as well as local government offices, and provided recommendations for future site use.

Riverwalk, Knoxville, Tennessee. Provided construction oversight for repair two failed slopes within the City of Knoxville's River Walk Project. Challenges included providing slope configuration in alluvial soils, located along the Tennessee River in a Brownfield.

Knoxville Utilities Board (KUB) located in Knoxville, TN. Provided environmental monitoring during geotechnical exploration activities for various projects involving installation of storm water facilities and gas line installation.