

Phase I Environmental Site Assessment Report

December 18, 2019

Review Only by:
Chatham County Planning Dept
Zoning Administrator, Angela Plummer

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Silk Hope

5226 Silk Hope Liberty Road
Siler City, North Carolina 27344
Trileaf # 657435

Prepared For:
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1.0 SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Trileaf Corporation (Trileaf) of the property located at 5226 Silk Hope Liberty Road, Siler City, Chatham County County, North Carolina 27344 (Property). Specifically, the ‘Property’ hereinafter refers to the area referenced in the [Site Plan and Other Maps Appendix](#) (Appendix 10.2). The Property and immediate surrounding area were evaluated for this report.

This study was initiated by Pyramid Network Services, hereinafter referred to as ‘User’, to investigate potential environmental concerns at the Property.

Property details are as follows:

<i>Property Details</i>	
Parcel Number(s)	84527 and 61605
Property Size	The total area of the Property is 10,239.6 square feet. The compound is 3,600 square feet and the access easement comprises an additional 6,639.6 square feet.
Number of Structures	N/A
Size of Structure(s)	N/A
Property Type	rural
Occupants	Silk Hope Volunteer Fire Department and grass-covered pasture lot
Owner	Silk Hope Volunteer Fire Department

Trileaf has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the Property. Exceptions to, or deletions from, this practice are described in [Section 2.4](#) of this report.

This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the Property. It is the opinion of Trileaf that no additional investigation is warranted at this time.

<i>Other Notable Findings</i>		
Category	Finding	Comments
Historical REC	No	

<i>Other Notable Findings</i>		
Category	Finding	Comments
Business Environmental Risk	No	
Vapor Encroachment Condition	No	
Significant Limiting Conditions/Data Gaps	No	
Other Non-Scope Items	No	

These conclusions are based on the review of available historical information, regulatory records, site reconnaissance, and interviews when possible. These conclusions are not subject to environmental concerns or contamination that is hidden, unpublished, or otherwise undiscoverable using standard ASTM E1527-13 Phase I ESA methodology.

This section is only a brief summary of the findings and does not represent a detailed summary of the information gathered in the preparation of this report. The report should be reviewed in its entirety to fully understand environmental conditions associated with the Property.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this assessment is to identify RECs, including Controlled RECs (CRECs) associated with the Property and establish bona fide prospective purchaser liability protection and contiguous property owner liability protection in relation to the Property. ASTM E1527-13 defines the term “recognized environmental condition” 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...”

ASTM E1527-13 defines the term “controlled recognized environmental condition” as:

“...a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority... with hazardous substances allowed to remain in place subject to the implementation of required controls...”

In addition, this assessment summarizes Historical RECs (HRECs) associated with the Property. ASTM E1527-13 defines the term “historical recognized environmental condition” as:

“...a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls...”

2.2 Detailed Scope-of-Services

On November 13, 2019, Pyramid Network Services, contracted with Trileaf to conduct a standard Phase I ESA for the Property. Trileaf performed the following services:

- Site reconnaissance
- Records review of federal and state databases
- Review of previous environmental reports (when available)
- Interviews (where possible) and review of government records
- Review of historical topographic maps
- Review of historical aerial photographs
- Review of historical Sanborn fire insurance maps (when available)
- Review of city directories (when available)

The most recent U.S. Geological Survey topographic map is included in the [Site Vicinity Map Appendix](#) (Appendix 10.1). A site plan is also included in the [Site Plan and Other Maps Appendix](#) (Appendix 10.2). Available historical resources date back to 1950.

2.3 Significant Assumptions

It is assumed that the direction of surface water flow in the vicinity of the Property approximates the direction of subsurface shallow groundwater flow in lieu of additional local shallow groundwater information; however, localized geologic characteristics and other subsurface conditions could alter the normally expected shallow groundwater flow direction. In order to more accurately determine the direction of local groundwater flow, subsurface water table measurements would be required.

2.4 Data Gaps, Limiting Conditions, Deviations, Deletions, and Exceptions

This assessment meets or exceeds the ASTM E1527-13 guidelines for typical scope and, where requested, non-scope considerations, and is intended to constitute all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice as defined at 42 U.S.C. Section 9601(35)(B). Non-scope conditions, as noted in Section 13 of ASTM E1527-13, may include, but are not limited to, an audit for regulatory compliance, a survey of ecological resources, endangered species, wetlands, or historic/cultural resources, assessments of indoor air quality, health and safety, or industrial hygiene, proximity to infrastructure releasing electromagnetic fields (EMF) or

radiofrequency radiation (i.e. radiation emitted by certain antenna systems), or the presence of asbestos containing building materials (ACBMs), lead based paint, lead in drinking water, mold, or radon. No non-scope conditions have been evaluated.

The information presented in this report is compiled from a variety of sources over which Trileaf has neither affiliation nor control. Although these sources are considered reliable, no environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with the Property. All appropriate inquiry does not mean an exhaustive assessment of a Property, rather, it is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property.

This Phase I ESA is subject to the following data gaps, limiting conditions, deviations, deletions, and exceptions:

- Some historical records reviewed were not readily available in five-year intervals. Topographic maps aren't available until 1974 and the first available aerial photograph (dated 1950) depicts the Property as agricultural land. Based on the overall findings of this Phase I ESA, Trileaf determined the data failures encountered do not represent significant data gaps that would inhibit Trileaf's ability to identify RECs for the Property.
- Per the scope of this assessment, Trileaf did not perform land title or lien records research for the Property and chain-of-title or environmental lien research was not requested or provided by the User.
- Trileaf has not received a response to the User questionnaire.

It is Trileaf's opinion that none of the above-mentioned data failures, data gaps, limiting conditions, deviations, deletions, and exceptions have significantly affected Trileaf's ability to identify RECs in connection with the Property.

2.5 Special Terms and Conditions

There were no special terms or conditions involved with this assessment.

2.6 User Reliance

This report may be relied upon by Pyramid Network Services,. Reliance on this document by any other party is forbidden without the express written consent of Trileaf in the form of a signed Reliance Letter and that party’s acceptance of mutually agreeable terms and conditions. Use of this report for purposes beyond those reasonably intended by Pyramid Network Services and Trileaf will be at the sole risk of the unintended user.

This report is based on the best current available information and prepared in accordance with generally accepted practices in the field of environmental consulting. Trileaf is not responsible for independent conclusions or recommendations made by others based on the data presented in this report.

2.7 Location and Legal Description

The following table summarizes the location and legal description of the Property.

<i>Location and Legal Description</i>	
Parcel Number(s)	84527 and 61605
Site Acreage	3.12 acres
Number of Structures	N/A
Size of Structure(s)	N/A
Site Use	Silk Hope Volunteer Fire Department and grass-covered pasture lot
Address	5226 Silk Hope Liberty Road
City, State	Siler City, North Carolina
County	Chatham County
Zip	27344
Legal Description	Lot 1 and Lot 2
Site Coordinates	35.814253° north latitude and -79.448917° west longitude

3.0 USER PROVIDED INFORMATION

3.1 User Questionnaire

Trileaf issued the All Appropriate Inquiries (AAI) User Questionnaire to a User representative on December 16, 2019. At the time of this writing, the questionnaire has not been returned. If the User Questionnaire is returned and contains information that alters the conclusions or recommendations of this report, it shall be forwarded as an addendum. [User Questionnaire Appendix](#) (Appendix 10.7).

3.2 Title Records

Per the scope of this assessment, Trileaf did not perform land title or lien records research for the Property and chain-of-title or environmental lien research was not requested or provided by the User. The Property itself mostly occupies an area in Lot 2 with the access easement partially extending west into Lot 1 on the adjoining parcel. The fire department located in Lot 1 was constructed by the year 1993. There are two addresses associated with the Property. Lot 1 is addressed at 5226 Silk Hope Liberty Road and Lot 2 is addressed at 5224 Silk Hope Liberty Road. As available historical information suggests that the Property itself has been vacant, grass-covered land throughout its history, it is the opinion of Trileaf that this data gap has not significantly affected our ability to identify RECs in connection with the Property.

3.3 Environmental Liens or Activity and Use Limitations

The User stated that there were no known environmental liens or activity and use limitations on the Property, but did not provide any supporting documentation.

3.4 Specialized Knowledge

Specialized knowledge or experience material to identifying RECs in connection with the Property were not reported to Trileaf.

3.5 Valuation Reduction for Environmental Issues

Information regarding actual knowledge of valuation reduction associated with environmental issues for the Property was not reported to Trileaf.

3.6 Commonly Known or Reasonably Ascertainable Information

ASTM E1527-13 defines the term “reasonably ascertainable” as “*information that is: (1) publicly available; (2) obtainable from its source within reasonable time and cost constraints; and (3) practically reviewable.*” The User did not report any commonly known reasonably ascertainable information within the local community about the property that is material to RECs in connection with the property.

3.7 Owner, Property Manager, and Occupant Information

The Property is currently owned by Silk Hope Volunteer Fire Department. No residential occupants were reported to Trileaf in connection with the Property.

3.8 Reason for Performing the Phase I

The User requested a Phase I ESA in order to investigate potential environmental concerns at the Property and to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

3.9 Previous Reports and Documentation

No previous environmental reports concerning the Property were made available to Trileaf.

4.0 RECORDS REVIEW

4.1 Physical Setting Sources

4.1.1 U.S. Geological Survey 7.5 Minute Series Topographic Map

The EDR GeoCheck Physical Setting Source (PSS) Addendum, contained within the radius search report, was used as the primary source for the following information. Other maps, including but not limited to regional topographical maps, geological maps, and U.S. Geological Survey well maps, were also reviewed.

4.1.2 Topography

To evaluate site topography, Trileaf reviewed the 7.5-minute U.S. Geological Survey Topographic Map – Crutchfield Crossroads, North Carolina Quadrangle, dated 2019. The Property is mapped at approximately 632.6 feet above mean sea level (AMSL). The map indicates that the Property is located within a rural area. The Property is generally flat sloping towards the southwest; therefore, surface water runoff from the site would likely flow toward the southwest.

4.1.3 Geology

According to the U.S. Department of Agriculture Soil Conservation Service, surficial material on the Property is designated as Cid-lignum complex. Cid-lignum soils have low infiltration rates, and are moderately well drained. A typical profile of a Cid-lignum soil consists of silt loam in two (2) distinct

layers from 0 to 2-inches and 2 to 5-inches, silty clay loam from 5 to 14-inches, silty clay from 14 to 24-inches, silty clay loam from 24 to 28-inches, weathered bedrock from 28 to 35-inches, and unweathered bedrock from 35 to 80-inches subsurface.

Based on a review of the 1981, Geology and Land Use, Chatham County, North Carolina: North Carolina Geological Survey, Open-File Report 81-2 geologic map obtained from U.S. Geological Survey, the Property is underlain by metavolcanic rocks of the Precambrian Period, consisting of andesitic crystal tuffs.

4.1.4 Hydrology

Other than a ditch along the roadside, the dominant surface water feature in the area of the Property is Mud Lick Creek, a small creek located approximately 0.37 miles to the southwest of the Property. There is also a small freshwater pond located approximately 100 feet east of the Property and a second freshwater pond located 558 feet northeast of the Property. Additionally, there is a riverine located 0.14 miles to the west of the Property.

Based on the information provided in the regulatory records report (which is sourced from the National Wetland Inventory), there are no national wetlands located on or adjacent to the Property.

Based on the location of Mud Lick Creek and based on the assumption that shallow groundwater flow often mimics local surface topography, the near surface groundwater flow direction at the site is assumed to be toward the southwest.

According to EDR PSS Addendum map, there are no water wells located within 0.5 miles of the Property, however the owner stated that a water well is currently located behind the fire station located on Lot 1. As no record could confirm the location of a well within 0.5 miles of the Property, depth to shallow groundwater could not be determined.

4.2 Standard Environmental Record Sources

4.2.1 Environmental Database Search Summary

Trileaf reviewed an environmental database search dated December 4, 2019. The environmental database search meets the government records search requirements of ASTM E1527-13 for Environmental Site Assessments. The relevant portions of the search will be summarized in this section. A table of the total number of sites in each respective category can be found in the report in the [Regulatory Records Documentation Appendix](#) (Appendix 10.5).

No sites were mapped within the respective search radii. The Property was not listed in any of the databases referenced by the environmental database search report. A review of regulatory records did not identify any sites of concern to the Property within the specified search radii.

For detailed descriptions of the databases searched, please refer to the database descriptions in the environmental database search report included in the [Regulatory Records Documentation Appendix](#) (Appendix 10.5).

No sites were mapped within the respective radii.

4.2.2 Environmental Database Sites Summary

4.2.3 Orphan Sites

In addition, Trileaf reviewed the list of “orphan” sites – sites that were unable to be mapped – and found that a total of two (2) orphan sites were identified in the regulatory records. Trileaf reviewed site information and found that none of the orphan sites pose an environmental concern to the Property based upon their location and/or regulatory status. A listing of the orphan sites is included in the [Regulatory Records Documentation Appendix](#) (Appendix 10.5).

4.2.4 Additional Records Review

No additional environmental record sources were searched for this assessment.

4.3 Historical Use Information on the Property

The past use of the Property is summarized in the following table.

<i>Historical Property Use Summary</i>		
Date(s)	Source(s)	Property Use(s)
1950-Present	Historical aerial photographs, historical topographic maps, historical city directories, site reconnaissance, owner interview, county assessor	Lot 2 is comprised of grass-covered farmland occasionally used as a grazing pasture and is where the majority of the Property is located. Lot 1 is where the fire department is located which contains an asphalt parking lot. The access easement extends west and crosses into this parking lot 5226 Silk Hope Liberty Rd: Silk Hope Volunteer Fire Department. Lot 1 5224 Silk Hope Liberty Rd: adjoining parcel to the east. Lot 2

The Property is mostly located in Lot 2 which has been grass-covered farmland throughout its history and was occasionally used as a grazing pasture. The access easement extends into a parking lot in Lot 1 which is currently occupied by the Silk Hope Volunteer Fire Department. The Property is located in a rural area of Siler City, North Carolina. See also the [Historical Research Documentation Appendix](#) (Appendix 10.4).

4.4 Historical Use Information on Adjoining Properties

The past use of the adjoining properties is summarized in the following table.

<i>Historical Adjoining Property Use Summary</i>		
Date(s)	Source(s)	Property Use(s)
North		
1950-1980	Historical aerial photographs	Grass-covered farmland with scattered trees followed by a residential development and a wooded area
1983-Present	Historical aerial photographs, historical topographic maps, historical Sanborn maps, historical city directories, site reconnaissance	Grass-covered land and scattered trees followed by a freshwater pond, residential and commercial development, and a wooded area 5247 Silk Hope Liberty Road 2000-2014: Teague Charlie Home Improvements
East		
1950-1980	Historical aerial photographs	Grass-covered farmland with scattered trees followed by a private road and a residential development
1983-Present	Historical aerial photographs, historical topographic maps, historical Sanborn maps, historical city directories, site reconnaissance	Grass-covered farmland with scattered trees followed by a freshwater pond, a private road and a residential development
South		
1950-Present	Historical aerial photographs, historical topographic maps, historical Sanborn maps, historical city directories, site reconnaissance	Silk Hope Liberty Road followed by grass-covered farmland with scattered trees
West		

<i>Historical Adjoining Property Use Summary</i>		
Date(s)	Source(s)	Property Use(s)
1950-1983	Historical aerial photographs	Grass-covered farmland followed by a wooded area
1993-Present	Historical aerial photographs, historical topographic maps, historical Sanborn maps, historical city directories, site reconnaissance	Fire Department followed by a wooded area 5226 Silk Hope Liberty Road: Silk Hope Fire Station 13-2

The surrounding area has been mostly grass-covered land with wooded areas throughout its history. There were a few scattered residential developments seen in 1950 and the early 80's. The adjoining site to the east is fenced off and used as a grazing pasture for goats. The fire department building was constructed by 1993. See also the [Historical Research Documentation Appendix](#) (Appendix 10.4).

5.0 SITE RECONNAISSANCE

5.1 Methodology

The site reconnaissance included a walkover and examination of the Property and the adjacent properties. Observations of the Property and the adjoining properties were made from within the Property boundaries, and photographs were taken. Photographic documentation is included in the [Site Photographs Appendix](#) (Appendix 10.3).

Date of Site Visit:	November 21, 2019
Personnel:	Alex Piuta
Escorts:	Mike Reitz
Inaccessible Areas:	
Limiting Conditions:	

5.2 General Site Setting

The Property is approximately 10,239.6 square feet in area at approximately 632.6 feet AMSL. The Property is located in a rural area of Chatham County, North Carolina. No bedrock outcrops or sinkholes were noted in the area. Surface drainage is generally toward the southwest. The Property is located on relatively flat land with no creeks, ravines. There is a ditch located approximately 67 feet to the south, downgradient from the Property.

5.2.1 Interior and Exterior Observations

<i>Site Reconnaissance Summary</i>			
Feature	Observed on or near Property	Comment(s) in Section	Environmental Concern
Buried Debris, Debris/Soil Piles, Evidence of Dumping, and/or Fill Material	No	-	No
Detention or Retention Basins, Stormwater Drains, or Other Stormwater / Water Features	Yes	-5.2	No
Drains (other than municipal sanitary waste drains such as sinks, showers, and toilets)	No	-	No
Drums and Chemical Containers (capacity 5 to 55 gallons)	No	-	No
Generation, Storage, and/or Disposal of Hazardous Waste (including waste oil and batteries)	No	-	No
Heating and Cooling Systems	No	-	No
High-Voltage Electrical Transmission Lines	Yes	-	No
Interceptors and/or Separators (including OWS)	No	-	No
On-Site Records	No	-	No
Pools, Pits, Cisterns, Sumps, Vaults, or Similar Receptacles Where Liquids Drain, Collect or are Stored, and Pooled Liquids	No		No
Septic Systems	Yes	-5.2.1.1	No
Stained Surfaces and/or Stressed Vegetation	No	-	No
Sources of Polychlorinated Biphenyls (PCBs)	No	-	No
Storage Tanks (USTs, ASTs, or totes)	Yes	-5.2.1.3	No
Unidentified Substances	No	-	No
Wastewater (excluding sanitary wastes)	No	-	No

<i>Site Reconnaissance Summary</i>			
Feature	Observed on or near Property	Comment(s) in Section	Environmental Concern
Wells (potable, monitoring, observation, or dry)	Yes	-5.2.1.1	No
Other Improvements, Features, or Environmental Concerns	No	-	No

No obvious signs of environmental concerns (monitoring wells, soil staining, stressed vegetation, odors, pools of liquid, and other signs of potential environmental concerns) were noted on the Property or on the adjoining properties.

5.2.1.1 Utilities

The owner noted a well located approximately 140 feet north of the fire department, situated on the western boundary of Lot 1, cross gradient from the Property. Additionally, a septic system was observed on the parent parcel located approximately 15 feet to the north of the fire department, cross gradient from the Property.

5.2.1.2 Waste Generation

The Property is currently vacant and does not produce any debris. No evidence of hazardous waste generation was observed during site reconnaissance.

5.2.1.3 Storage Tanks and Use

The Property was inspected for visual evidence of both aboveground and underground storage tanks, including vent pipes, fill pipes, and manways.

No evidence of storage tanks on the Property was noted during the site inspection. However, there is a 1,000-gallon AST located to the west of the Property behind the fire department containing propane. Due to vapor pressure, the storage tank is not an environmental concern.

<i>Tank Summary</i>			
Volume	Contents	Construction (if known)	Age (if known)
1,000	Propane	N/A	N/A

5.2.1.4 Chemical Use and Storage

No chemicals were observed on the Property.

5.2.1.5 Toxic Substances Control Act – Polychlorinated biphenyls and other Substances

.Historically, polychlorinated biphenyls (PCBs), a group of hazardous substances and suspected human carcinogens, were widely used as an additive in cooling oils for electrical components. Typical sources of PCBs can include elevators and hydraulic equipment. Historically, PCBs were also added to dielectric fluid in some transformers. One (1) pole-mounted transformers was observed to the southwest of the Property. Trileaf observed a “Non-PCBs” label on the transformers.

5.2.1.6 Other Concerns

5.3 Current Uses of Adjoining Properties

During the site reconnaissance, the current uses of the surrounding properties were observed. The current use of the surrounding properties is described in the table below.

Trileaf did not observe additional potentially adverse environmental conditions associated with the adjoining properties during the site walkover.

<i>Summary of Adjoining Property Use</i>	
North	Grass-covered land followed by a freshwater pond and a wooded area 5247 Silk Hope Liberty Road 2000-2014: Teague Charlie Home Improvements
East	A grazing pasture followed by a freshwater pond and a residential development
South	Silk Hope Liberty Road followed by grass-covered land
West	Fire department followed by a wooded area 5226 Silk Hope Liberty Rd: Silk Hope Fire Station 13-2

6.0 INTERVIEWS

Trileaf conducted and/or attempted to conduct the following interviews in relation to the Property.

6.1 Interviews with Individuals

<i>Summary of Interviews</i>			
Title	Contact	Date(s) Contacted	Response Received?
Owner	Silk Hope Volunteer Fire Department	December 5, 2019	Yes
Site Manager	Mike Reitz	December 5, 2019	Yes
Site Occupants	N/A		
Other	N/A		

6.2 Interview with Owner

Fire Chief Mark Gaines, the owner representative was unaware of previous environmental site assessment reports, USTs, or chemical storage, fill material, notices or other correspondence from government agencies relating to past or current violations of environmental laws, hazardous waste generator notices or reports associated with the Property. Fire Chief Mark Gaines had no knowledge of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances in, on, or from the Property, or notices from any governmental entity regarding possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Fire Chief Mark Gaines noted a 1,000-gallon AST containing propane located approximately 75 feet to the west of the tower site. Fire Chief Mark Gaines also noted a well located approximately 140 feet north of the fire department, situated on the western boundary of Lot 1. Additionally, a septic system is located on the Property and located approximately 15 feet to the north of the fire department.

6.3 Interview with Site Manager

Mr. Mike Reitz, the site manager was unaware of previous environmental site assessment reports, USTs or ASTs, chemical storage, fill material, notices or other correspondence from government agencies relating to past or current violations of environmental laws, hazardous waste generator notices or reports associated with the Property. Mr. Mike Reitz had no knowledge of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Property, or notices from any governmental entity regarding possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. No residential occupants were reported to Trileaf in connection with the Property.

The contact information for and correspondence with (if applicable) those contacted is included in the [Interviews and Records Requests Appendix](#) (Appendix 10.6).

6.4 Interviews With Local Government Officials and Records Requests

<i>Summary of Government Interview and Records Requests</i>		
Agency	Date(s) Contacted	Response Received?
North Carolina Department of Environmental Quality	December 5, 2019	Yes
Chatham County	December 5, 2019	Yes

On December 5, 2019, Trileaf submitted a Freedom of Information Act (FOIA) request to the North Carolina Department of Environmental Quality (NCDEQ) for information regarding environmental concerns associated with the address affiliated with the Property. On December 13, 2019, the NCDEQ replied via email that they had no records related to the request. In addition, Trileaf submitted FOIA request to Chatham County on December 5, 2019 for information regarding environmental concerns associated with the address affiliated with the Property. On December 12, 2019, Chatham County replied via email that they had no records related to the request.

The contact information for and correspondence with (if applicable) the agencies contacted is included in the [Interviews and Records Requests Appendix](#) (Appendix 10.6).

6.5 Interviews with Others

No additional interviews were conducted for the purpose of this assessment.

7.0 VAPOR ENCROACHMENT

Trileaf has conducted a Vapor Encroachment Screen (VES) by evaluating historic and regulatory record sources along with soil, topographic, and groundwater data in the vicinity of the Property. The purpose of the VES is to determine the likelihood that Vapor Encroachment Conditions (VECs) exist at the Property. It should be noted that this VES was not conducted in full compliance with ASTM E2600-15; rather, this VES is the equivalent of a Tier 1 screening. Consideration of vapor encroachment consists of reviewing available information and use of professional judgment in determining 1) whether contamination is suspected in the soil and/or groundwater at, or near, the Property, and 2) whether identified contamination is suspected to exist within a 'Critical Distance' from the Property.

“Critical Distances”, as defined in *ASTM E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, refer to the maximum distances at which vapor encroachment may occur. These distances vary depending on topographic and hydrologic gradient, width of the contaminant plume, and type of contaminant known, or suspected, to exist. Generally, Critical Distances are 100 feet for non-petroleum contaminants of concern (COCs) and 30 feet for dissolved

petroleum COCs. If a facility is beyond the critical distance, it is highly unlikely that a VEC exists. Consideration of topographic gradient is key to defining the Areas of Concern (AOCs) within which Critical Distances are applied. When plume data is not available, AOCs are used in lieu of Critical Distance to determine whether a VEC exists or not. According to ASTM E2600, the AOCs for these critical distances are as follows:

- 1,760 feet (1/3 mile) for contamination located up-gradient of the Property, except for dissolved petroleum hydrocarbons, which have a distance of 528 feet (1/10 mile),
- 365 feet for contamination located cross-gradient of the Property,
- 100 feet for contamination located down-gradient of the Property, with the exception of dissolved petroleum hydrocarbons, which have a distance of 30 feet. If non-aqueous phase petroleum hydrocarbons (LNAPL) are present, the 100-foot distance is utilized.

Based on Trileaf's VES, this investigation has identified no potential VECs in connection with the Property.

8.0 NON-SCOPE SERVICES

No additional services were requested or provided for this Phase I ESA.

9.0 EVALUATION

9.1 Findings

The Property consists mostly of grass-covered farmland and asphalt parking lot which is currently operated and occupied by Silk Hope Volunteer Fire Department and is located at 5226 Silk Hope Liberty Road, Siler City, Chatham County, North Carolina 27344. The past use of the Property consisted of grass-covered farmland with a few scattered trees which functioned as a former grazing pasture in Lot 2. The access easement extends west into Lot 1 in the adjoining parcel where the fire station currently stands. The Property is located in a rural area of Siler City and the adjoining sites area also used for agricultural purposes.

None of the historic uses of the Property or surrounding sites are considered environmental concerns.

The Property was not listed in any of the databases referenced by the environmental database search report. A review of regulatory records did not identify any sites of concern to the Property within the specified search radii.

Trileaf did not identify RECs, CRECs, HRECs, or *de minimis* conditions associated with the Property.

9.2 Opinion

Trileaf found no evidence of RECs associated with the Property. It is the opinion of Trileaf that no additional investigations are necessary at this time for the purpose of identifying RECs. This opinion is based on site reconnaissance, an environmental database search report, and available historical research. Data gaps are described in the [Data Gaps, Limiting Conditions, Deviations, Deletions, and Exceptions](#) section (Section 2.4) of this report.

9.3 Conclusions

Trileaf has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the Property located at 5226 Silk Hope Liberty Road, Siler City, Chatham County, North Carolina 27344, the *Property*. Exceptions to, or deletions from, this practice are described in the [Data Gaps, Limiting Conditions, Deviations, Deletions, and Exceptions](#) section (Section 2.4) of this report.

This assessment has revealed no evidence of RECs in connection with the Property. It is the opinion of Trileaf that no additional investigation is warranted at this time.

9.4 References

ASTM E1527-13

Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process

Designation: E1527-13

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

U.S. Geological Survey

Crutchfield Crossroads, North Carolina Quadrangle, North Carolina – 7.5-Minute Series (2019)

<https://viewer.nationalmap.gov/>

[basic/?basemap=b1&category=ustopo&title=US%20Topo%20Download#startUp](https://viewer.nationalmap.gov/basic/?basemap=b1&category=ustopo&title=US%20Topo%20Download#startUp)

Environmental Database Resources

6 Armstrong Road, 4th Floor

Shelton, CT 06484

<http://edrnet.com>

Google Inc. (2018)

Google Earth Pro (Version 7.3.1.4507) [Software]. Available from: <http://www.google.com/earth/>

Web Soil Survey

<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

9.5 Signature(s) of Environmental Professional(s) & Others

The following environmental professionals and others of Trileaf participated in the writing of this report. This Phase I ESA was performed in accordance with the generally accepted practices in the field of environmental consulting. The analysis and recommendations indicated in this report are based upon the best current available information that could be obtained in the specified time frame. Trileaf assumes no liability for independent conclusions or recommendations made by others in conjunction with the data presented in this report.



Nathaly Cota
Project Scientist

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental professional as defined in § 312.10 of 40 CFR § 312. I have the specific qualification based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Jamila Reid
Group Manager
Environmental Professional

Resumes of the environmental professionals and others who participated in the preparation of this ESA are included in [Qualifications of Environmental Professionals and Others Appendix](#) (Appendix 10.10).

Appendix 10.1
Site Vicinity Map

Crutchfield Crossroads Quadrangle North Carolina 2019

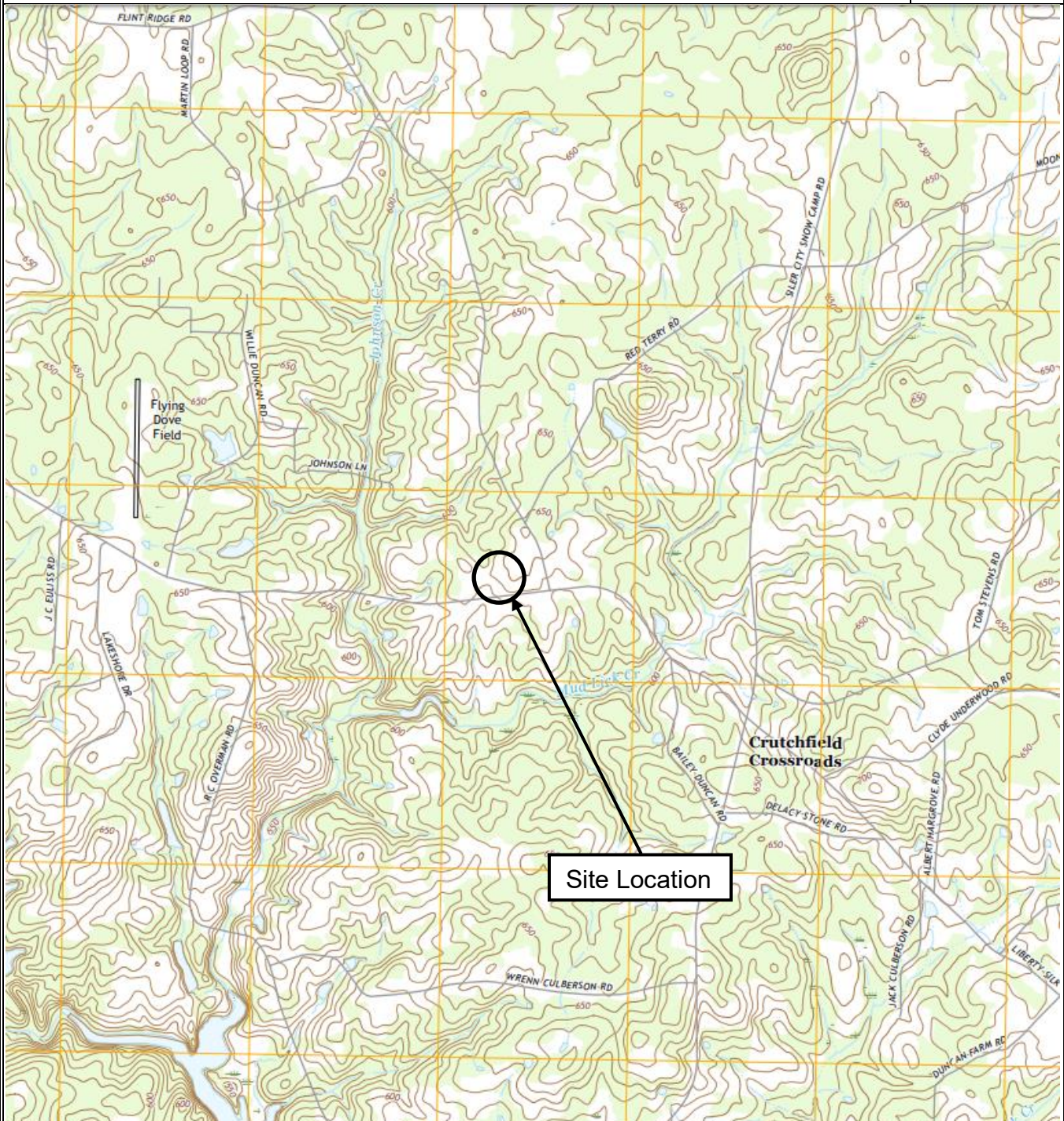
Contour Interval = 10 Feet

Scale 1 Inch = 2,000 Feet

Latitude: 35 48' 5131" N Longitude: 79 26' 5610"



North



Site Vicinity Map

Pyramid Network Services – Silk Hope

5226 Silk Hope Liberty Road

Siler City, North Carolina 27344



Appendix 10.2
Site Plan and Other Maps



Site Plan

Pyramid Network Services - Silk Hope
5226 Silk Hope Liberty
Siler City, North Carolina 27344



Appendix 10.3
Site Photographs



Site Photograph 1 – View looking at the Property towards the west



Site Photograph 2 – View looking at the Property towards the north

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 3 – View of the Property looking towards the south



Site Photograph 4 – View looking at the Property towards the east

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 5 – View of the adjoining site towards the north



Site Photograph 6 – View of the adjoining site towards the east

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 7 – View of the adjoining site towards the south



Site Photograph 8 – View of the adjoining site to the west

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 9 – Looking east along Silk Hope Liberty Road



Site Photograph 10 – Pond approximately 100 feet to the west

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 11 – Propane tank and generator to west of the Property



Site Photograph 12 – Pole mounted transformer and markers

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 13 – Pole mounted transformer (non-PCB label)



Site Photograph 14 – Metal pipe near pole mounted transformer

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 15 – Close up of metal pipe



Site Photograph 16 – Ditch south of the Property

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019



Site Photograph 17 – Fire Department

Property Photographs

Pyramid Network Services –
5226 Silk Hope Liberty Road
Siler City, North Carolina 27344

Photographed
On: November 21, 2019

Appendix 10.4
Historical Research Documentation



Silk Hope

5226 Silk Hope Liberty Road

Siler City, NC 27344

Inquiry Number: 5891967.8

December 04, 2019

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

12/04/19

Site Name:

Silk Hope
5226 Silk Hope Liberty Road
Siler City, NC 27344
EDR Inquiry # 5891967.8

Client Name:

Trileaf Corporation
10845 Olive Boulevard
St. Louis, MO 63141
Contact: Nathaly Cota



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=750'	Flight Date: February 15, 1999	USGS
1993	1"=500'	Acquisition Date: January 30, 1993	USGS/DOQQ
1983	1"=500'	Flight Date: April 04, 1983	NHAP
1980	1"=1000'	Flight Date: January 01, 1980	USGS
1973	1"=500'	Flight Date: March 23, 1973	USGS
1964	1"=500'	Flight Date: September 14, 1964	USGS
1961	1"=500'	Flight Date: September 07, 1961	USGS
1950	1"=500'	Flight Date: November 18, 1950	USGS

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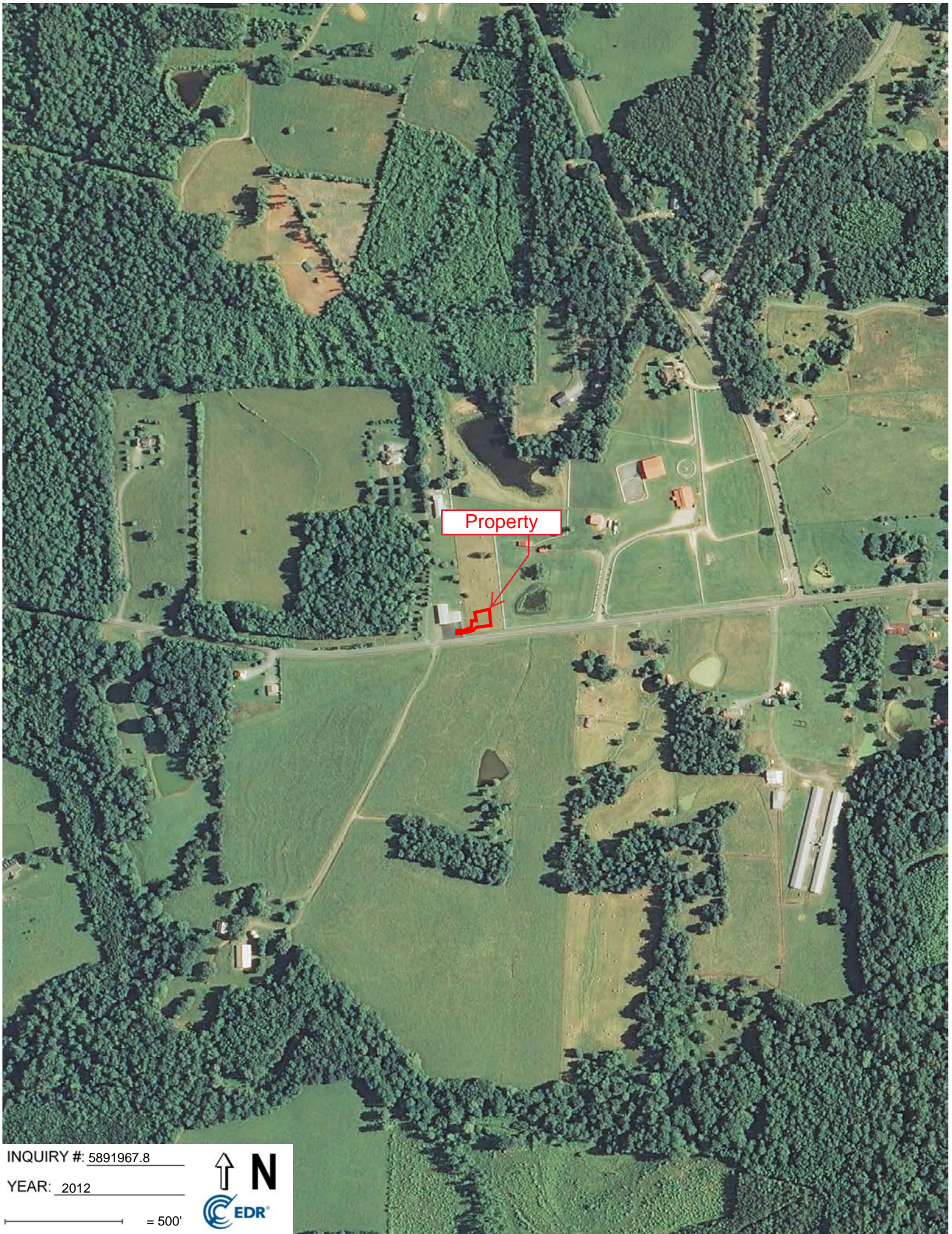
Property

INQUIRY #: 5891967.8

YEAR: 2016

— = 500'



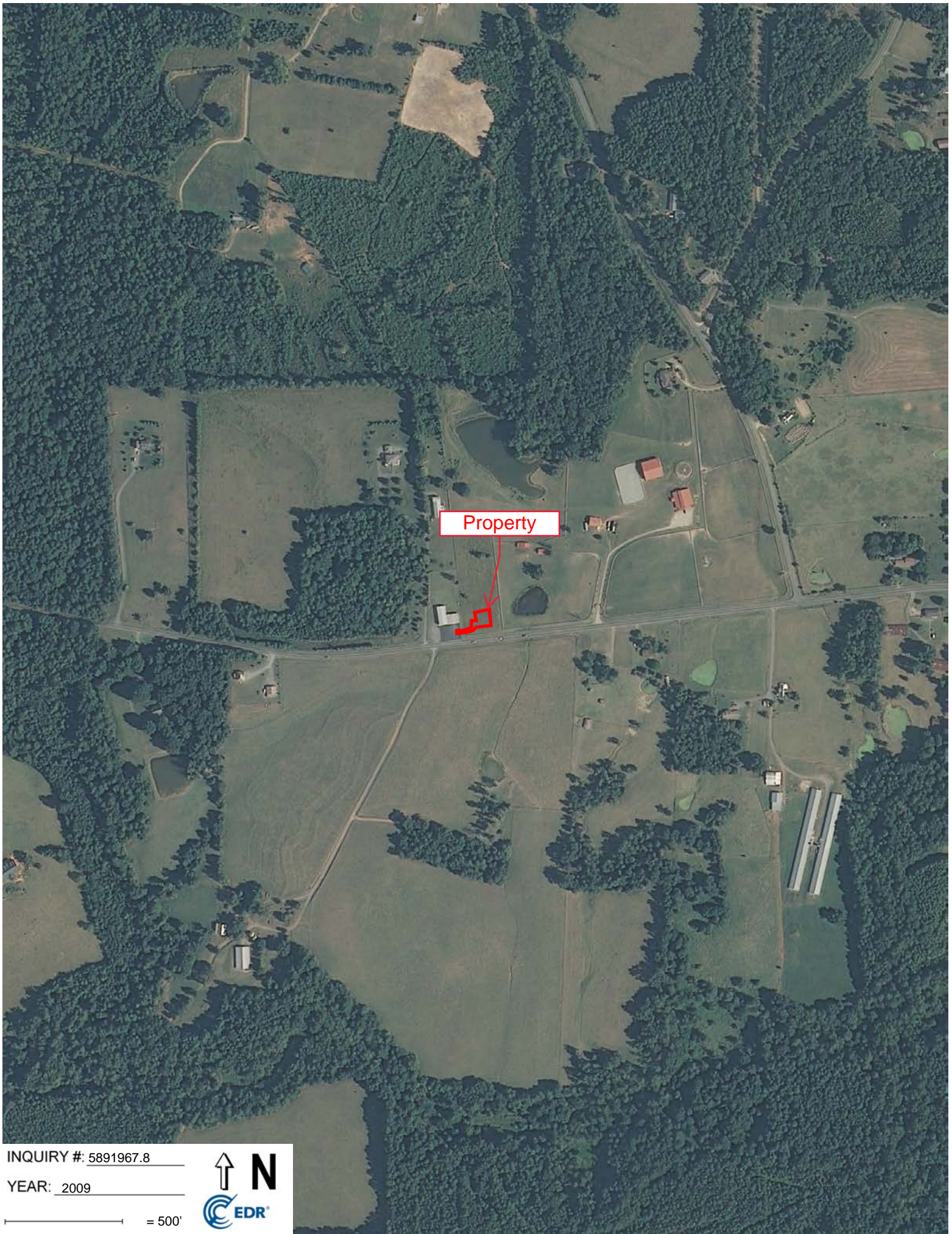


INQUIRY #: 5891967.8

YEAR: 2012

— = 500'





Property

INQUIRY #: 5891967.8

YEAR: 2009

— = 500'





INQUIRY #: 5891967.8

YEAR: 2006

— = 500'





Property



Property

INQUIRY #: 5891967.8

YEAR: 1993

— = 500'





Property

INQUIRY #: 5891967.8

YEAR: 1983

— = 500'





Property

INQUIRY #: 5891967.8

YEAR: 1980

— = 1000'





Property

INQUIRY #: 5891967.8

YEAR: 1973

— = 500'





Property

INQUIRY #: 5891967.8

YEAR: 1964

— = 500'





Property

INQUIRY #: 5891967.8

YEAR: 1961

 = 500'





Property

INQUIRY #: 5891967.8

YEAR: 1950

— = 500'



Silk Hope

5226 Silk Hope Liberty Road

Siler City, NC 27344

Inquiry Number: 5891967.4

December 04, 2019

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

12/04/19

Site Name:

Silk Hope
5226 Silk Hope Liberty Road
Siler City, NC 27344
EDR Inquiry # 5891967.4

Client Name:

Trileaf Corporation
10845 Olive Boulevard
St. Louis, MO 63141
Contact: Nathaly Cota



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Trileaf Corporation 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.#	19-5402	Latitude:	35.814209 35° 48' 51" North
Project:	657435	Longitude:	-79.448911 -79° 26' 56" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	640128.57
		UTM Y Meters:	3964451.90
		Elevation:	641.09' above sea level

Maps Provided:

2013
1974

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Topo Sheet Key

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

2013 Source Sheets

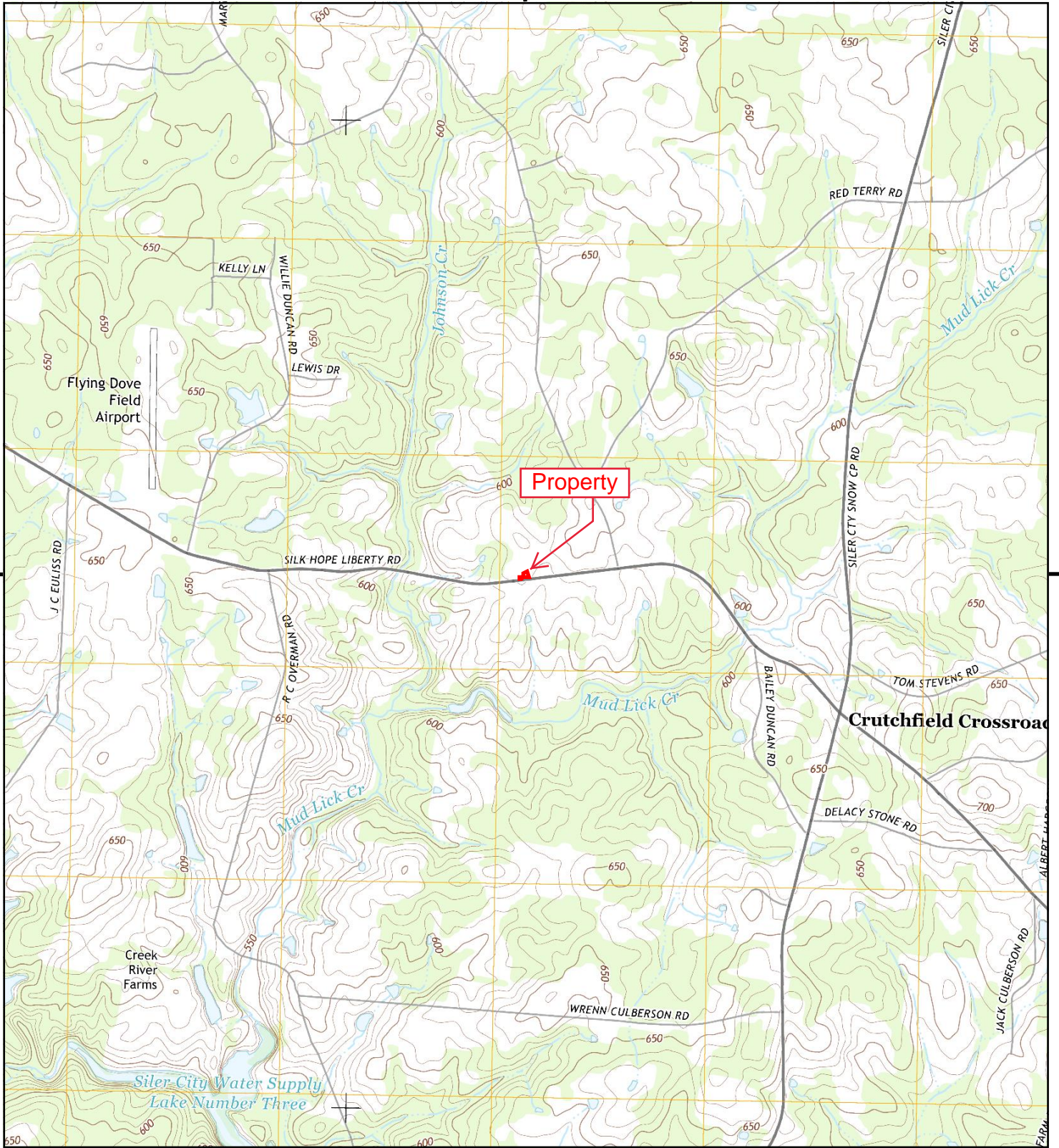


Crutchfield Crossroads
2013
7.5-minute, 24000

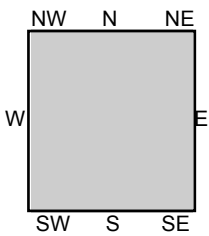
1974 Source Sheets



Crutchfield Crossroads
1974
7.5-minute, 24000
Aerial Photo Revised 1973



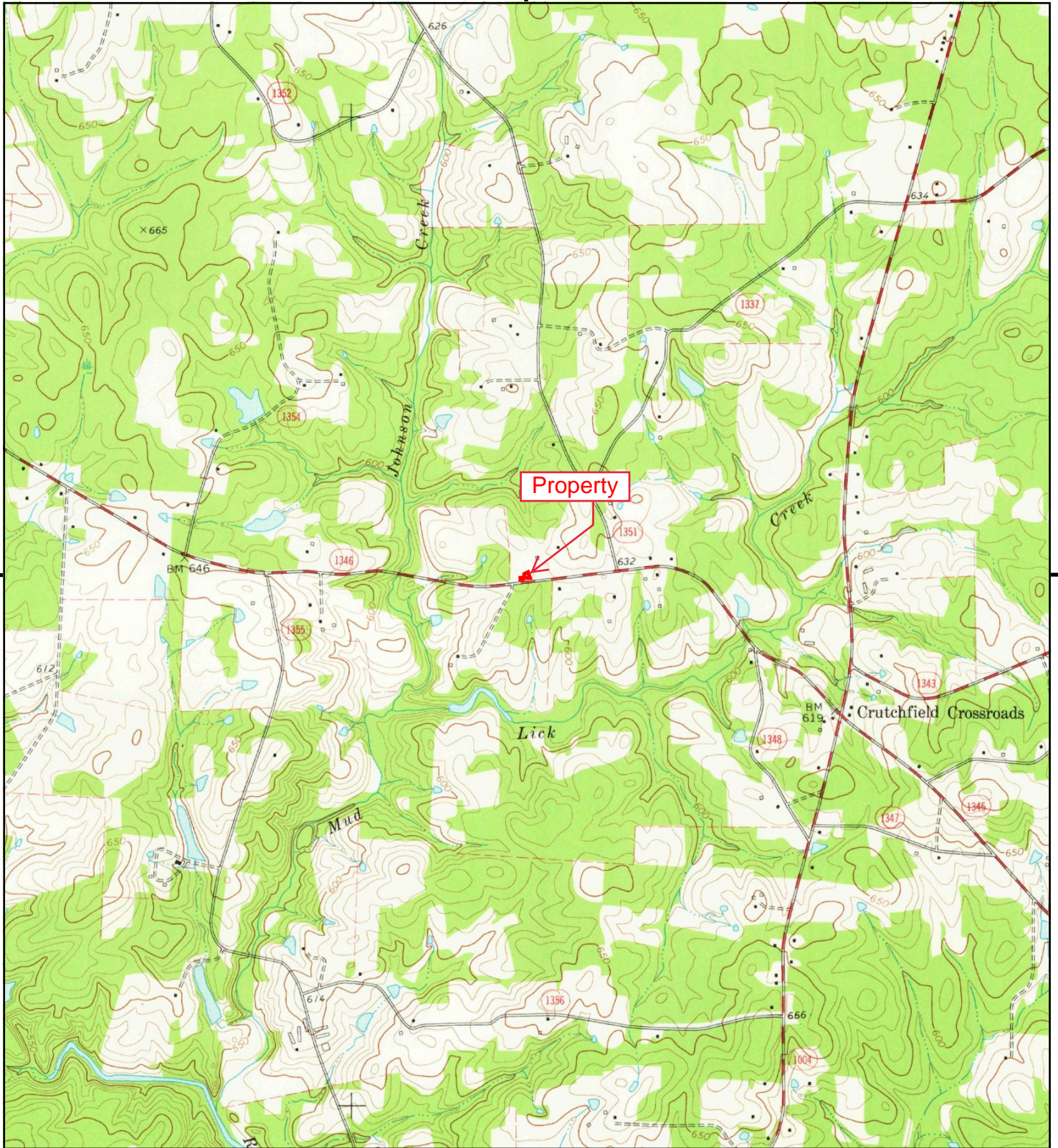
This report includes information from the following map sheet(s).



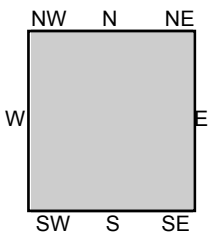
TP, Crutchfield Crossroads, 2013, 7.5-minute

SITE NAME: Silk Hope
ADDRESS: 5226 Silk Hope Liberty Road
 Siler City, NC 27344
CLIENT: Trileaf Corporation





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



TP, Crutchfield Crossroads, 1974, 7.5-minute

SITE NAME: Silk Hope
ADDRESS: 5226 Silk Hope Liberty Road
Siler City, NC 27344
CLIENT: Trileaf Corporation



Silk Hope

5226 Silk Hope Liberty Road
Siler City, NC 27344

Inquiry Number: 5891967.5
December 04, 2019

The EDR-City Directory Image Report

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SECTION

Executive Summary

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City Directory Images

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RECORD SOURCES

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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>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

5226 Silk Hope Liberty Road
Siler City, NC 27344

Year

CD Image

Source

SILK HOPE LIBERTY RD

2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A3	EDR Digital Archive	
2000	pg A4	EDR Digital Archive	
1995	pg A5	EDR Digital Archive	
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

SILK HOPE LIBERTY RD

2014

4671 DUNN, JACKIE R
4778 OCCUPANT UNKNOWN,
4785 BOYD, BOB L
4823 TEAGUE, DAPHNE F
4844 HILL, PHILLIP L
4860 LINEBERRY, SHERRI L
4955 OCCUPANT UNKNOWN,
4957 J & S FARMS
5065 CULBERSON, GLENN G
5248 TEAGUE CHARLIE HOME IMPRV
5383 A CLEAR CHOICE GLASS CO I

SILK HOPE LIBERTY RD

2010

4671 BARNES, GREGORY C
4778 OCCUPANT UNKNOWN,
4785 BOYD, BOB
4823 TEAGUE, DAPHNE F
4844 HILL, PHILLIP L
4860 OCCUPANT UNKNOWN,
4955 OCCUPANT UNKNOWN,
4957 J & S FARMS
MOON, SANDRA L
5065 CULBERSON, GLENN G
5248 TEAGUE CHARLIE HOME IMPRV
5383 A CLEAR CHOICE GLASS CO I

SILK HOPE LIBERTY RD

2005

4671 BRIDGES, SEAN L
4778 MOORE, LARRITA B
4785 CRUTCHFIELD, JOSEPH
4823 TEAGUE, GINA C
4844 HILL, PHILLIP L
4860 OCCUPANT UNKNOWN,
4955 OCCUPANT UNKNOWN,
4957 MOON, SANDRA L
5039 EZUKA, ALVIN
5065 CULBERSON, GLENN G
5248 TEAGUE CHARLIE HOME IMPRV

SILK HOPE LIBERTY RD


2000

4823 TEAGUE, DAPHNE F
4957 J & S FARMS
MOON, SANDRA L
5248 TEAGUE CHARLIE HOME IMPRV

SILK HOPE LIBERTY RD

1995

1266 CHATHAM CARPET & INTERIORS



Silk Hope

5226 Silk Hope Liberty Road

Siler City, NC 27344

Inquiry Number: 5891967.3

December 04, 2019

Certified Sanborn® Map Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/04/19

Site Name:

Silk Hope
5226 Silk Hope Liberty Road
Siler City, NC 27344
EDR Inquiry # 5891967.3

Client Name:

Trileaf Corporation
10845 Olive Boulevard
St. Louis, MO 63141
Contact: Nathaly Cota



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

Certified Sanborn Results:

Certification # 985A-45D6-A24B
PO # 19-5402
Project 657435

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 985A-45D6-A24B

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

- Library of Congress
- University Publications of America
- EDR Private Collection

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Appendix 10.5
Regulatory Records Documentation

Silk Hope

5226 Silk Hope Liberty Road
Siler City, NC 27344

Inquiry Number: 5891967.2s
December 04, 2019

The EDR Radius Map™ Report with GeoCheck®



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Shelton, CT 06484
Toll Free: 800.352.0050
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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

5226 SILK HOPE LIBERTY ROAD
SILER CITY, NC 27344

COORDINATES

Latitude (North): 35.8142090 - 35° 48' 51.15"
Longitude (West): 79.4489110 - 79° 26' 56.07"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 640131.9
UTM Y (Meters): 3964252.0
Elevation: 642 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5945515 CRUTCHFIELD CROSSROADS, NC
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140827
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
5226 SILK HOPE LIBERTY ROAD
SILER CITY, NC 27344

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-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 CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

NC HSDS..... Hazardous Substance Disposal Site

State- and tribal - equivalent CERCLIS

SHWS..... Inactive Hazardous Sites Inventory

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

SWF/LF..... List of Solid Waste Facilities
DEBRIS..... Solid Waste Active Disaster Debris Sites Listing
OLI..... Old Landfill Inventory
LCID..... Land-Clearing and Inert Debris (LCID) Landfill Notifications

State and tribal leaking storage tank lists

LAST..... Leaking Aboveground Storage Tanks
LUST..... Regional UST Database
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LUST TRUST..... State Trust Fund Database

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Petroleum Underground Storage Tank Database
AST..... AST Database
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... No Further Action Sites With Land Use Restrictions Monitoring

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Responsible Party Voluntary Action Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY.....	Recycling Center Listing
HIST LF.....	Solid Waste Facility Listing
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
IHS OPEN DUMPS.....	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2.....	CERCLA Lien Information
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Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
SPILLS.....	Spills Incident Listing
IMD.....	Incident Management Database
SPILLS 90.....	SPILLS 90 data from FirstSearch
SPILLS 80.....	SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

INDIAN RESERV.	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Air Quality Permit Listing
ASBESTOS	ASBESTOS
COAL ASH	Coal Ash Disposal Sites
DRYCLEANERS	Drycleaning Sites
Financial Assurance	Financial Assurance Information Listing
NPDES	NPDES Facility Location Listing
UIC	Underground Injection Wells Listing
AOP	Animal Operation Permits Listing
MINES MRDS	Mineral Resources Data System
CCB	Coal Ash Structural Fills (CCB) Listing
SEPT HAULERS	Permitted Septage Haulers Listing
PCSRP	Petroleum-Contaminated Soil Remediation Permits

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

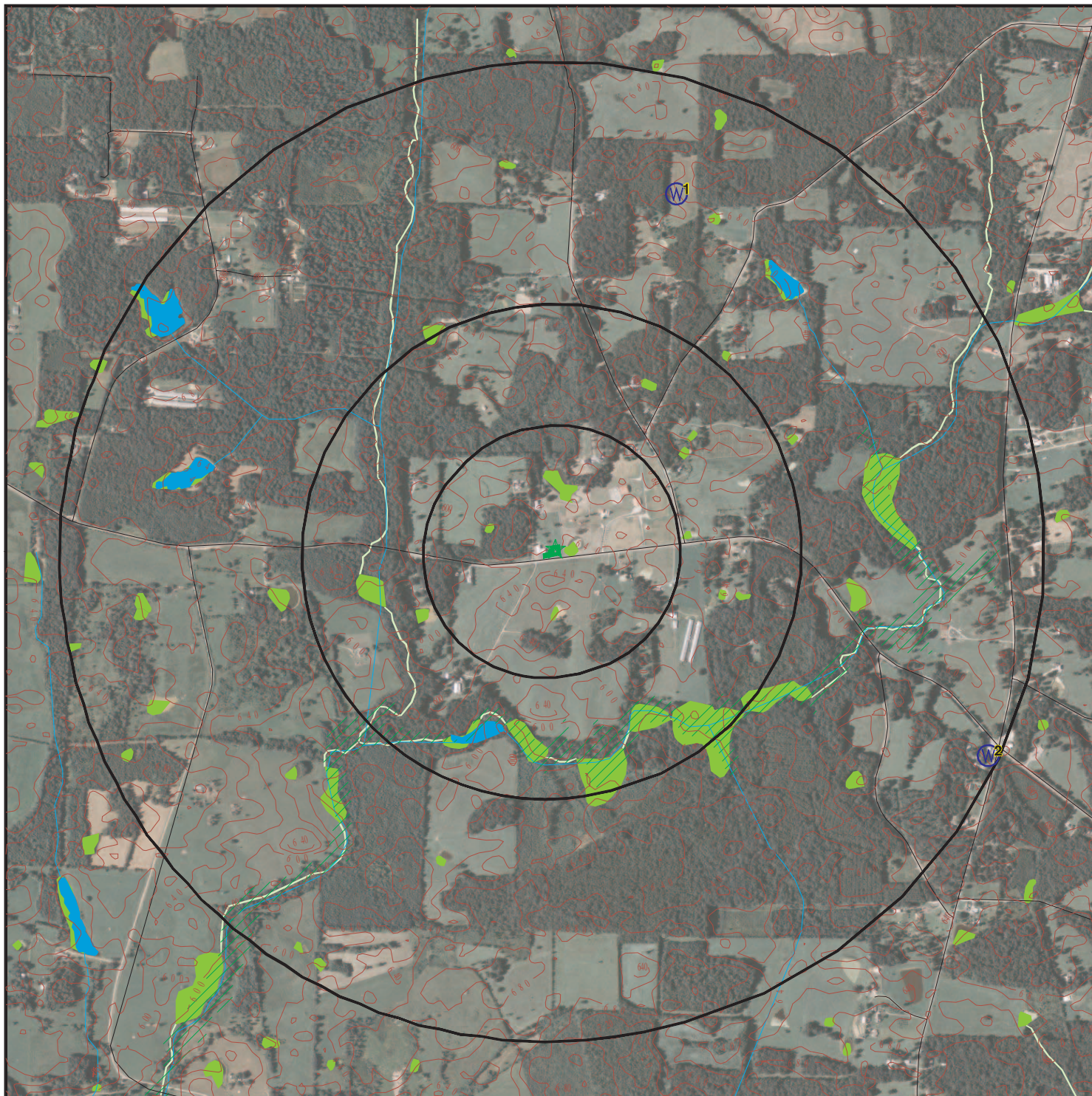
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SILK HOPE ELEMENTARY SCHOOL	FINDS
AMERICAN TOWER CORPORATION (ATC) -	ICIS, FINDS, ECHO

OVERVIEW MAP - 5891967.2S



Target Property

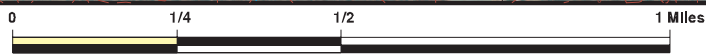
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Hazardous Substance Disposal Sites

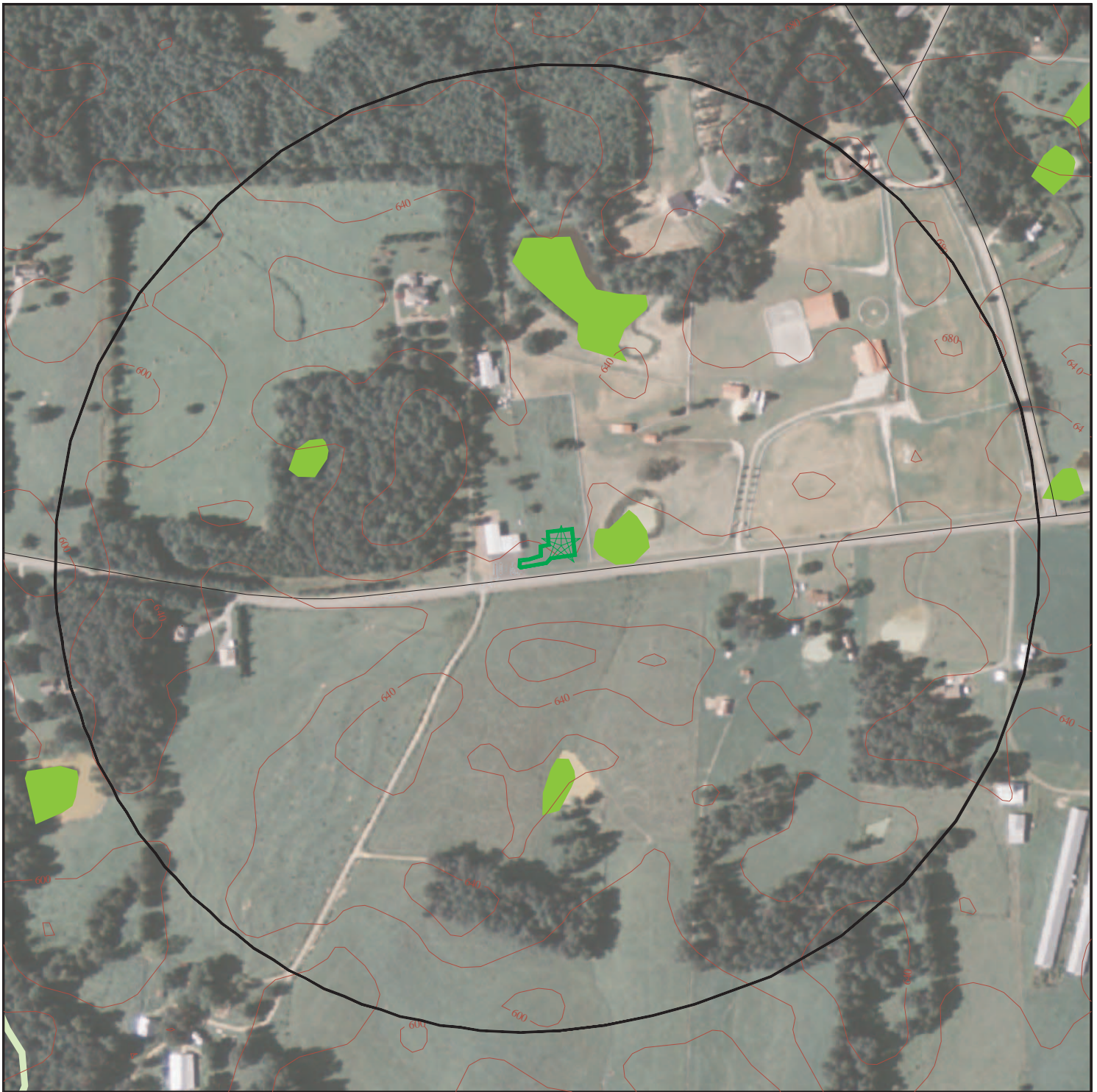









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Silk Hope
 ADDRESS: 5226 Silk Hope Liberty Road
 Siler City NC 27344
 LAT/LONG: 35.814209 / 79.448911

CLIENT: Trileaf Corporation
 CONTACT: Nathaly Cota
 INQUIRY #: 5891967.2s
 DATE: December 04, 2019 10:21 am

DETAIL MAP - 5891967.2S



-  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
-  National Wetland Inventory
-  State Wetlands
-  Hazardous Substance Disposal Sites



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: Silk Hope
 ADDRESS: 5226 Silk Hope Liberty Road
 Siler City NC 27344
 LAT/LONG: 35.814209 / 79.448911

CLIENT: Trileaf Corporation
 CONTACT: Nathaly Cota
 INQUIRY #: 5891967.2s
 DATE: December 04, 2019 10:22 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-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 CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
NC HSDS	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
DEBRIS	0.500		0	0	0	NR	NR	0
OLI	0.500		0	0	0	NR	NR	0
LCID	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal leaking storage tank lists								
LAST	0.500		0	0	0	NR	NR	0
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
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
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
AOP	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
CCB	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SEPT HAULERS	TP		NR	NR	NR	NR	NR	0
PCSRP	0.500		0	0	0	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
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
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SILER CITY	1008331350	SILK HOPE ELEMENTARY SCHOOL	7945 SILK HOPE/GUM SPRINGS RD	27344	FINDS
SNOW CAMP	1011981576	AMERICAN TOWER CORPORATION (ATC) -	SLK HP RADIO/6M NW OF SILK HP?	27349	ICIS, FINDS, ECHO

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/25/2019	Source: EPA
Date Data Arrived at EDR: 11/07/2019	Telephone: N/A
Date Made Active in Reports: 11/20/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/13/2020
	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: 10/25/2019	Source: EPA
Date Data Arrived at EDR: 11/07/2019	Telephone: N/A
Date Made Active in Reports: 11/20/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/13/2020
	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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/04/2019
Next Scheduled EDR Contact: 01/13/2020
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: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/25/2019	Source: EPA
Date Data Arrived at EDR: 11/07/2019	Telephone: 800-424-9346
Date Made Active in Reports: 11/21/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/27/2020
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/24/2019	Source: EPA
Date Data Arrived at EDR: 06/26/2019	Telephone: 800-424-9346
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/28/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (404) 562-8651
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/28/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (404) 562-8651
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/28/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	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: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (404) 562-8651
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/28/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	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: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (404) 562-8651
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/28/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	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: 08/13/2019	Source: Department of the Navy
Date Data Arrived at EDR: 08/20/2019	Telephone: 843-820-7326
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/24/2020
	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: 08/19/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 11/22/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 03/09/2020
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 08/19/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 11/22/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 03/09/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/05/2011
Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis
Telephone: 919-754-6580
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Sites Inventory

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

Date of Government Version: 08/26/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 69

Source: Department of Environment, Health and Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

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

SWF/LF: List of Solid Waste 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: 05/23/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/11/2019
Number of Days to Update: 77

Source: Department of Environment and Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

DEBRIS: Solid Waste Active Disaster Debris Sites Listing

NCDEQ Division of Waste Management Solid Waste Section Temporary Disaster Debris Staging Site (TDDSS) Locations which are available to be activated in a disaster or emergency.. Disaster Debris Sites can only be used for temporary disaster debris storage if the site's responsible party activates the site for use by notifying the NCDEQ DWM Solid Waste Section staff during an emergency

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 09/16/2019
Date Made Active in Reports: 11/19/2019
Number of Days to Update: 64

Source: Department of Environmental Quality
Telephone: 919-707-8247
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/26/2019
Number of Days to Update: 70

Source: Department of Environment & Natural Resources
Telephone: 919-733-4996
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

LCID: Land-Clearing and Inert Debris (LCID) Landfill Notifications

A list all of the Land-Clearing and Inert Debris (LCID) Landfill Notification facilities (under 2 acres in size) in North Carolina.

Date of Government Version: 09/06/2018
Date Data Arrived at EDR: 01/09/2019
Date Made Active in Reports: 03/25/2019
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 08/02/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/10/2019
Number of Days to Update: 65

Source: Department of Environment and Natural Resources
Telephone: 919-707-8200
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 08/02/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/10/2019
Number of Days to Update: 65

Source: Department of Environment & Natural Resources
Telephone: 877-623-6748
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
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: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/08/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2019	Telephone: 415-972-3372
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

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

Date of Government Version: 05/01/2019	Source: EPA Region 6
Date Data Arrived at EDR: 07/29/2019	Telephone: 214-665-6597
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

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

Date of Government Version: 04/16/2019	Source: EPA Region 10
Date Data Arrived at EDR: 07/29/2019	Telephone: 206-553-2857
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	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: 04/12/2019	Source: EPA Region 4
Date Data Arrived at EDR: 07/29/2019	Telephone: 404-562-8677
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 12/03/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

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

Date of Government Version: 04/11/2019	Source: EPA Region 1
Date Data Arrived at EDR: 07/29/2019	Telephone: 617-918-1313
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	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: 07/02/2019	Source: EPA Region 7
Date Data Arrived at EDR: 10/16/2019	Telephone: 913-551-7003
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 8	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

LUST TRUST: State Trust Fund Database

This database contains information about claims against the State Trust Funds for reimbursements for expenses incurred while remediating Leaking USTs.

Date of Government Version: 06/28/2019	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/09/2019	Telephone: 919-733-1315
Date Made Active in Reports: 09/20/2019	Last EDR Contact: 10/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/20/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019	Source: FEMA
Date Data Arrived at EDR: 08/28/2019	Telephone: 202-646-5797
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 10/11/2019
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/20/2020
	Data Release Frequency: Varies

UST: Petroleum Underground Storage Tank Database

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

Date of Government Version: 08/02/2019	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 08/06/2019	Telephone: 919-733-1308
Date Made Active in Reports: 10/10/2019	Last EDR Contact: 11/06/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/17/2020
	Data Release Frequency: Quarterly

AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 06/04/2019	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 06/20/2019	Telephone: 919-715-6183
Date Made Active in Reports: 08/27/2019	Last EDR Contact: 09/12/2019
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019	Source: EPA Region 9
Date Data Arrived at EDR: 07/29/2019	Telephone: 415-972-3368
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/02/2019	Source: EPA Region 8
Date Data Arrived at EDR: 10/22/2019	Telephone: 303-312-6137
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/03/2020
	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: 05/01/2019	Source: EPA Region 6
Date Data Arrived at EDR: 07/29/2019	Telephone: 214-665-7591
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019	Source: EPA Region 5
Date Data Arrived at EDR: 07/29/2019	Telephone: 312-886-6136
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2019	Source: EPA Region 4
Date Data Arrived at EDR: 07/29/2019	Telephone: 404-562-9424
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 12/03/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/11/2019	Source: EPA, Region 1
Date Data Arrived at EDR: 07/30/2019	Telephone: 617-918-1313
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/03/2020
	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: 05/02/2019	Source: EPA Region 7
Date Data Arrived at EDR: 07/29/2019	Telephone: 913-551-7003
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/16/2019	Source: EPA Region 10
Date Data Arrived at EDR: 07/30/2019	Telephone: 206-553-2857
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 08/23/2019	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 09/10/2019	Telephone: 919-508-8400
Date Made Active in Reports: 11/18/2019	Last EDR Contact: 09/10/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/19/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Varies

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 08/26/2019	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 09/10/2019	Telephone: 919-508-8400
Date Made Active in Reports: 11/18/2019	Last EDR Contact: 09/10/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liability control.

Date of Government Version: 06/03/2019	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/01/2019	Telephone: 919-733-4996
Date Made Active in Reports: 09/13/2019	Last EDR Contact: 10/01/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 01/13/2020
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2019	Telephone: 202-566-2777
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 09/19/2019
Number of Days to Update: 83	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 08/21/2019
Date Data Arrived at EDR: 08/23/2019
Date Made Active in Reports: 10/10/2019
Number of Days to Update: 48

Source: Department of Environment & Natural Resources
Telephone: 919-707-8137
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 02/13/2007
Date Made Active in Reports: 03/02/2007
Number of Days to Update: 17

Source: Department of Environment & Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

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: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/01/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

SPILLS: Spills Incident Listing

A listing spills, hazardous material releases, sanitary sewer overflows, wastewater treatment plant bypasses and upsets, citizen complaints, and any other environmental emergency calls reported to the agency.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 69

Source: Department of Environment & Natural Resources
Telephone: 919-807-6308
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/21/2006
Date Data Arrived at EDR: 08/01/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 22

Source: Department of Environment and Natural Resources
Telephone: 877-623-6748
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 09/27/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 06/14/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/07/2019
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/20/2020
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 12/02/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/24/2020
	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: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: 202-566-1917
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/31/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/17/2020
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 11/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/17/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 09/19/2019
Number of Days to Update: 198	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2017	Source: EPA
Date Data Arrived at EDR: 11/16/2018	Telephone: 202-566-0250
Date Made Active in Reports: 11/21/2019	Last EDR Contact: 11/22/2019
Number of Days to Update: 370	Next Scheduled EDR Contact: 03/02/2020
	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: 09/30/2018	Source: EPA
Date Data Arrived at EDR: 04/24/2019	Telephone: 202-564-4203
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 10/23/2019
Number of Days to Update: 106	Next Scheduled EDR Contact: 02/03/2020
	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: 10/25/2019	Source: EPA
Date Data Arrived at EDR: 11/07/2019	Telephone: 703-416-0223
Date Made Active in Reports: 11/20/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/17/2020
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2019	Telephone: 202-564-8600
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 10/21/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/03/2020
	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: 10/25/2019	Source: EPA
Date Data Arrived at EDR: 11/07/2019	Telephone: 202-564-6023
Date Made Active in Reports: 11/21/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/17/2020
	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: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 10/11/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/20/2020
	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: 10/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/20/2020
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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: 06/20/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/20/2019	Telephone: 301-415-7169
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 10/25/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/03/2020
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 11/06/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/25/2019
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/16/2020
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 11/06/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/17/2020
	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: 11/12/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 85

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
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: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
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: 10/06/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/19/2020
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/04/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/17/2020
	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: 08/01/2019	Source: Department of Energy
Date Data Arrived at EDR: 08/21/2019	Telephone: 505-845-0011
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/15/2019
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/02/2020
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/07/2019	Telephone: 703-603-8787
Date Made Active in Reports: 11/20/2019	Last EDR Contact: 11/07/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/13/2020
	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: 09/17/2019
Date Data Arrived at EDR: 09/18/2019
Date Made Active in Reports: 12/03/2019
Number of Days to Update: 76

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
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: 08/01/2019
Date Data Arrived at EDR: 08/27/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 76

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
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: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
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: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 12/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
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: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 83

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

AIRS: Air Quality Permit Listing

A listing of facilities with air quality permits.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 69

Source: Department of Environmental Quality
Telephone: 919-707-8726
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

ASBESTOS: ASBESTOS

Asbestos notification sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/14/2019
Date Made Active in Reports: 08/27/2019
Number of Days to Update: 74

Source: Department of Health & Human Services
Telephone: 919-707-5973
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 06/25/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 09/13/2019
Number of Days to Update: 77

Source: Department of Environment & Natural Resources
Telephone: 919-807-6359
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 09/16/2019
Date Made Active in Reports: 11/19/2019
Number of Days to Update: 64

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/02/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/10/2019
Number of Days to Update: 65

Source: Department of Environment & Natural Resources
Telephone: 919-733-1322
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/26/2012
Number of Days to Update: 23

Source: Department of Environmental & Natural Resources
Telephone: 919-508-8496
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/18/2019
Date Made Active in Reports: 08/27/2019
Number of Days to Update: 70

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/10/2019
Number of Days to Update: 71

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 09/11/2019
Date Data Arrived at EDR: 09/12/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 67

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

AOP: Animal Operation Permits Listing

This listing includes animal operations that are required to be permitted by the state.

Date of Government Version: 02/12/2019
Date Data Arrived at EDR: 03/15/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 919-707-9129
Last EDR Contact: 09/13/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

CCB: Coal Ash Structural Fills (CCB) Listing

These are not permitted Coal Ash landfills A list all of the now closed Coal Ash Structural Fills (CCB) in North Carolina, in point data form. The purpose is to provide the public and other government entities a visual overview of coal ash structural fills throughout the state and increase public awareness of their current locations.

Date of Government Version: 09/06/2018
Date Data Arrived at EDR: 01/09/2019
Date Made Active in Reports: 03/25/2019
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

PCSRP: Petroleum-Contaminated Soil Remediation Permits

To treat petroleum-contaminated soil in order to protect North Carolinaa??s environment and the health of the citizens of North Carolina.

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 09/19/2019
Number of Days to Update: 72

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

SEPT HAULERS: Permitted Septage Haulers Listing

This list of all active and permitted Septage Land Application Site (SLAS) and Septage Detention and Treatment Facility (SDTF) sites in North Carolina. The purpose of this map is to provide the public and government entities a visual overview of the businesses that manage septage and septage facilities throughout the state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 10/19/2018
Date Made Active in Reports: 01/04/2019
Number of Days to Update: 77

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
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.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

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

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

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/20/2013
Number of Days to Update: 172

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

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
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: 10/09/2019
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
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: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

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

SILK HOPE
5226 SILK HOPE LIBERTY ROAD
SILER CITY, NC 27344

TARGET PROPERTY COORDINATES

Latitude (North):	35.814209 - 35° 48' 51.15"
Longitude (West):	79.448911 - 79° 26' 56.08"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	640131.9
UTM Y (Meters):	3964252.0
Elevation:	642 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5945515 CRUTCHFIELD CROSSROADS, NC
Version Date:	2013

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

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

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

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

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).

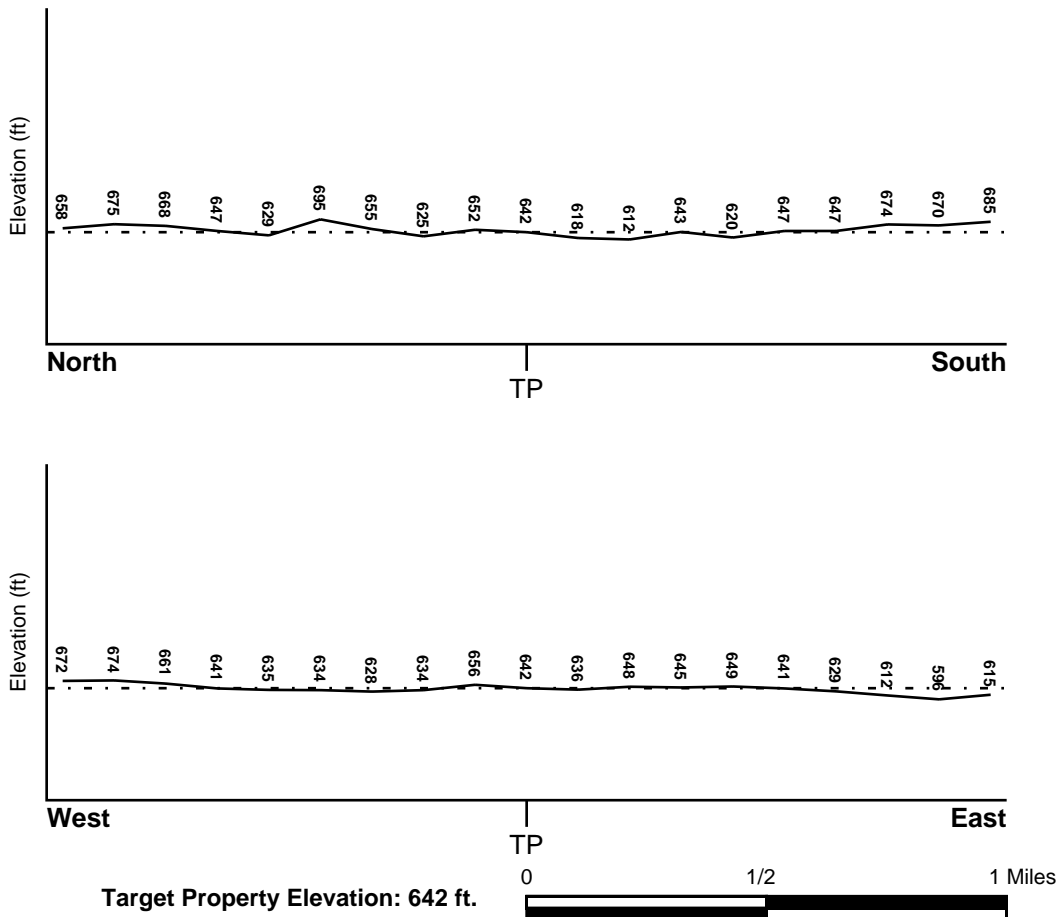
TOPOGRAPHIC INFORMATION

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 SSW

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>
3710876400J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
CRUTCHFIELD CROSSROADS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Cambrian
Series: Cambrian volcanic rocks
Code: Cv *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Volcanic Rocks

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: HERNDON

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

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	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
2	9 inches	48 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	48 inches	68 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: sandy loam
gravelly - silt loam
stony - silt loam
clay loam
channery - silt loam
loam

Surficial Soil Types: sandy loam
gravelly - silt loam
stony - silt loam
clay loam
channery - silt loam
loam

Shallow Soil Types: silty clay loam
sandy clay
silt loam
loam
clay loam
very channery - silt loam

Deeper Soil Types: silty clay loam
weathered bedrock
unweathered bedrock
sandy clay loam
clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000891021	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

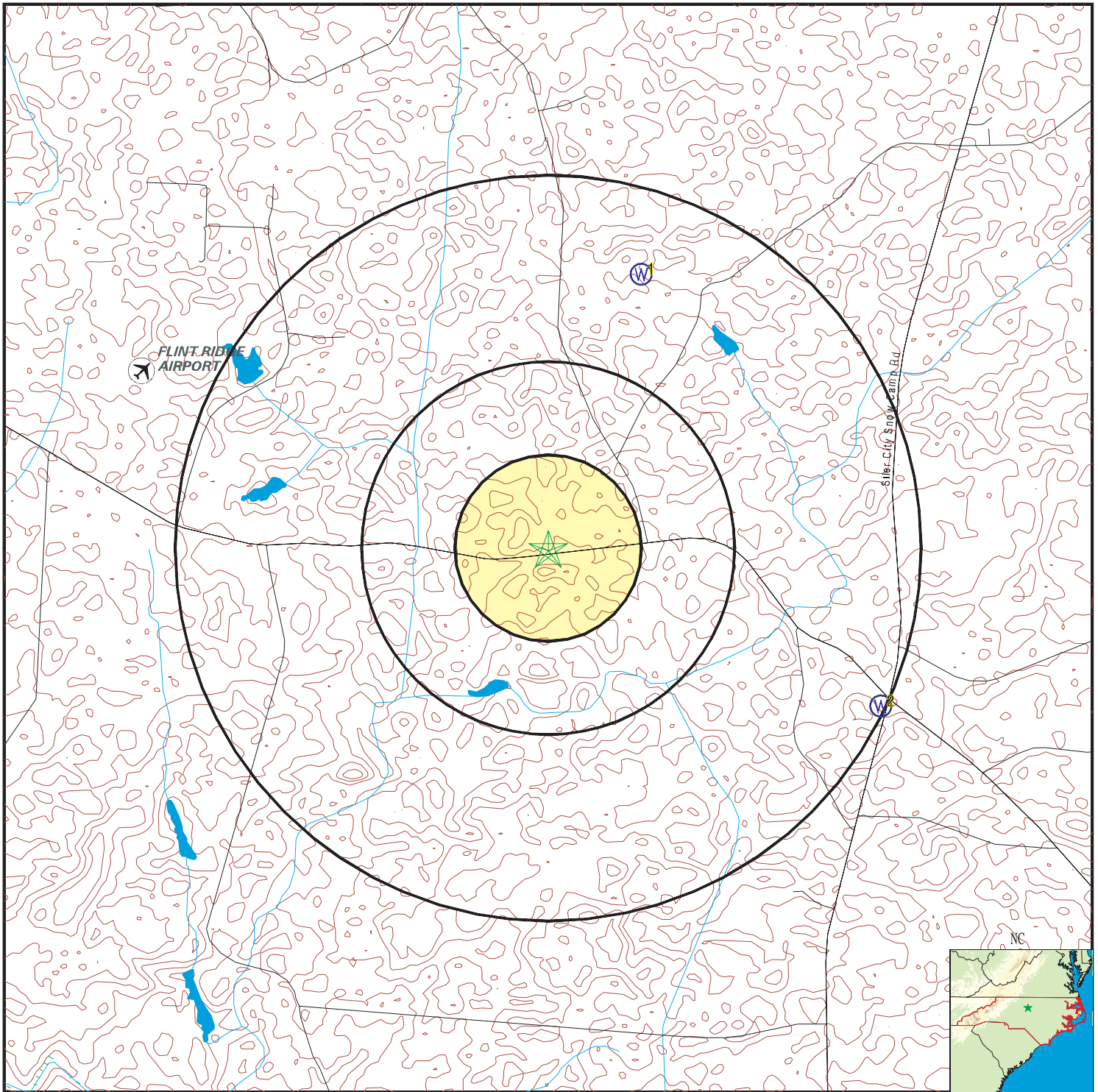
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	NC2000000006206	1/2 - 1 Mile ESE

OTHER STATE DATABASE INFORMATION

PHYSICAL SETTING SOURCE MAP - 5891967.2s



- | | | |
|--|--|---------------------------|
| County Boundary | Groundwater Flow Direction | Wildlife Areas |
| Major Roads | Indeterminate Groundwater Flow at Location | Natural Areas |
| Contour Lines | Groundwater Flow Varies at Location | Rare & Endangered Species |
| Airports | | |
| Earthquake epicenter, Richter 5 or greater | | |
| Water Wells | | |
| Public Water Supply Wells | | |
| Cluster of Multiple Icons | | |

SITE NAME: Silk Hope
 ADDRESS: 5226 Silk Hope Liberty Road
 Siler City NC 27344
 LAT/LONG: 35.814209 / 79.448911

CLIENT: Trileaf Corporation
 CONTACT: Nathaly Cota
 INQUIRY #: 5891967.2s
 DATE: December 04, 2019 10:23 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000891021

Organization ID:	USGS-NC		
Organization Name:	USGS North Carolina Water Science Center		
Monitor Location:	CH-034	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Felsic Metavolcanic Rock	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	112
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1966
Feet below surface:	15	Feet to sea level:	Not Reported
Note:	Not Reported		

2
ESE
1/2 - 1 Mile
Lower

NC WELLS NC200000006206

PWS ID:	NC0319461	System Name:	CRUTCHFIELD CONVENIENCE STORE
PWS Type:	NC	Primary Source:	GW
Water Type:	GW	Facility Name:	WELL #1
Well Depth:	0	Owner:	BINETTE, ELIZABETH

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

Acres: 221.36
Quality type: Not Reported
Site id: 3408

Sitename:
Sig:
Edr id:

NC_SNHA NC10003408
UPPER ROCKY RIVER AQUATIC HABITAT
B
NC10003408

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

Num Results	Avg pCi/L	Min pCi/L	Max pCi/L
1	3.70	3.7	3.7

Federal EPA Radon Zone for CHATHAM County: 3

- 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 CHATHAM COUNTY, NC

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.033 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

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

North Carolina Public Water Supply Wells

Source: Department of Environmental Health

Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

North Carolina Wildlife Resources/Game Lands

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Natural Heritage Occurrence Sites Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

NC Natural Areas: Significant Natural Heritage Areas

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon coverage identifying sites (terrestrial or aquatic) that have particular biodiversity significance.

A site's significance may be due to the presence of rare species, rare or high quality natural communities, or other important ecological features.

RADON

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statistical Data

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration


Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix 10.6
Interviews and Records Requests

Phase I Site Owner Questionnaire

 TRILEAF		Contact Record
Project Number:	To be completed by Trileaf	Page: 1 of 3
Project Name:	To be completed by Trileaf	
To be completed by Owner	Date Completed	
	Representative Name/Title:	
	Company Name:	
	Phone Number:	
	Fax Number:	
	Email Address:	
	Site Address:	
	City, State, Zip Code:	
From:	Jamila Reid of Trileaf Corporation j.reid@trileaf.com (512) 519-9388	

As part of the ASTM E 1527-13 Phase I ESA standard, the current owner of the Property is to be questioned regarding the current and past uses of the Property. The answers to these questions may be *to the best of your knowledge*. This questionnaire is to be used as a supplement to Trileaf's independent research, and is used to fulfill the obligations of All Appropriate Inquiry. If the answer to the question is unknown, please write "unknown" or provide the contact information for a party who may know the answer to the question.

1. How long have you or your company owned or operated on the Property?

Fire department has owned it since the 80's

2. What was the Property used for prior to your acquisition?

Vacant field, pastureland

3. What is the Property used for currently?

Vacant field, pastureland

4. What were the previous uses of the Property?
Vacant field, pastureland

5. When was the Property developed with the current structures?

No structures

6. Is there a property manager associated with the Property? (If so, may we have a contact number for that person?)

Fire Chief, Mark Gaines 919 545 1309

7. What utility connections are present on the Property?
No- Mike Rietz
Yes electric: Randolph Electric Cooperative- Mark Gaines

8. Are there any wells or cisterns located on the Property?

No-Mike Reitz
Yes, behind fire dept- Mark Gaines

9. Are there any septic tanks or fields located on the Property?

No- Mike Reitz
Yes, behind the fire department- Mark Gaines

10. What are the adjacent properties used for?

Rural, Fire Dept to the west, fenced in horse pasture to the east

11. Has the Property or adjoining properties ever been used for industrial purposes or operated as gas stations, repair shops, dry cleaning, printing companies, landfills, or recycling centers?

No

12. Have there been any chemicals stored on the Property?

No,

13. Has a significant quantity of fill dirt there been brought to the Property for purposes other than landscaping? (If yes, was the fill dirt brought from a clean source?)

No

14. Have there ever been any spills of petroleum products or other hazardous substances on the Property? If so, please explain.

No

15. Have there been any storage tanks on the Property (aboveground or underground)?

No- Mike Reitz

Yes, 1 AST: 1000 gallons containing LP- Mark Gaines

16. Have there been any pits, ponds or waste treatment lagoons on the Property?

No

17. Are there currently, or to the best of your knowledge have there ever been, any burn pits located on the Property?

No

18. Have any environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, land disturbance permits) been issued or requested?

No

19. Have you or someone else had a previous environmental assessment (i.e. Phase I ESA, Phase II ESA, etc.) performed on the Property or adjacent properties? If so, please provide a copy.

No,

20. Have you ever been informed of any hazardous substances, petroleum products, or environmental violations with respect to the Property or any facilities located on the Property?

No

21. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings regarding hazardous substances or petroleum products involving the Property?

No

22. Are there any transformers, capacitors, or hydraulic equipment located on the Property? (If so, are there any records indicating the presence of PCB's?)

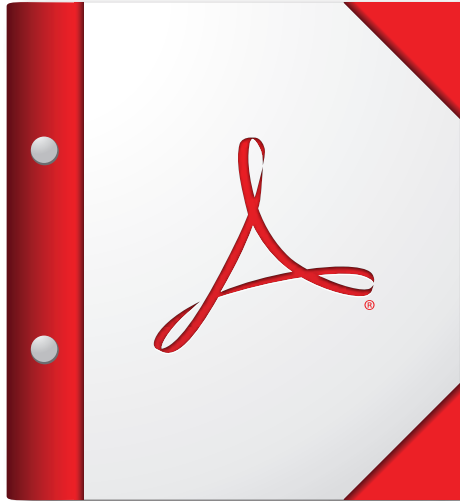
No- Mike Reitz

Yes- PMT and back-up generator on east side- Mark Gaines

23. Are there any oil water separators in the Property? If so, how often are they serviced?
No

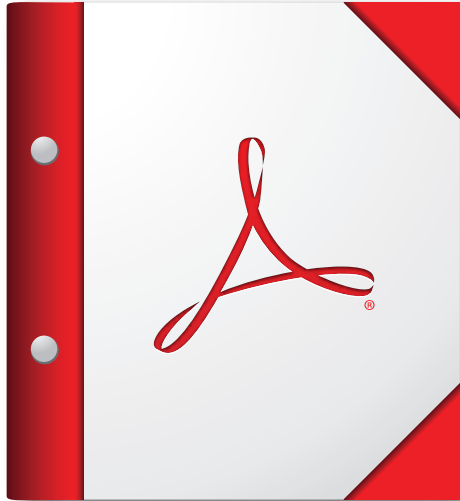
Owner Name: Mike Reitz, Mark Gaines (Fire Chief- Property Manager)

Date Completed: December 5, 2019



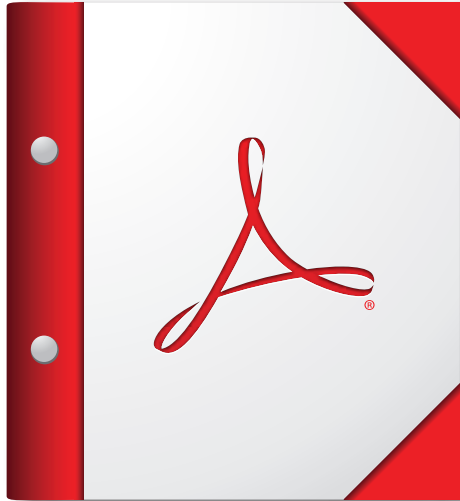
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Appendix 10.7
User Questionnaire

Appendix 10.8
Title Report

Appendix 10.9

Scope of Work or Special Contractual Conditions
Between User and Environmental Professional

Appendix 10.10
Qualifications of Environmental Professionals and
Others



NATHALY COTA

PROJECT SCIENTIST

Education

B.S Environmental Science
University of Texas at San Antonio / San Antonio, TX

Areas of Expertise

Ms. Cota has experience performing National Environmental Policy Act (NEPA) reviews for wireless telecommunications projects.

Environmental service expertise includes:

Phase I Environmental Site Assessments
Phase II Environmental Site Assessments
Historical City Directories
Indoor Air Quality Assessments
Information Section 7 Consultation
Asbestos Inspections
National Wetland Inventory Maps
Flood Insurance Rate Maps
Critical Habitat Maps
Environmental Evaluation Summaries
Archaeological and Architectural Impacts
Soil Characterization

Field Reconnaissance
Section 106 Compliance
NEPA Environmental Assessments
Migratory Bird Evaluations
Form 620/621 Submittals
Historical Topographic Maps and Aerial Imagery
Mold and Lead-Based Paint Surveys
Soil and Groundwater Management Plans
Local Government Consultation
Native American Consultation
Land Use History
Preliminary Risk Assessments



JAMILA REID

GROUP MANAGER

Education

B.S. Biological Science
M.S. Biological Science with an emphasis in aquatic ecotoxicology
Southern Illinois University of Edwardsville / Edwardsville, IL

Areas of Expertise

Mrs. Reid has experience with the investigation and management of environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM), as well as National Environmental Policy Act (NEPA) and environmental permitting projects. Mrs. Reid operates as the primary point-of-contact for clients over a large geography, specializing within the Midwest and South Regions of the United States.

Environmental service expertise includes:

Environmental Site Assessments
Soil and Groundwater Management Plans
Environmental Evaluation Summaries
Indoor Air Quality Assessments
Asbestos Inspections
DAS In-Building Limited Site Inspections
Mold and Lead-Based Paint Surveys
FCC Regulatory Compliance
Vendor Management

Small Cell Solutions
NEPA Environmental Assessments
Critical Habitat and Species Review
Migratory Bird Evaluations
Nationwide Programmatic Agreement Review
Groundwater Well Installation and Monitoring
Underground Storage Tank Assessment/Removal
Construction Environmental Oversight

Certifications/Affiliations

OSHA 40-Hour HAZWOPER
ANSI/FCC RF Radiation Safety Competent Person



ALEXANDRA PIUTA

ASSISTANT PROJECT MANAGER

Education

B.S. Environmental Studies: Concentration in Ecology and Field Biology
University of North Carolina at Asheville/ Asheville, N.C.

Areas of Expertise

Ms. Piuta has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM), as well as performing National Environmental Policy Act (NEPA) reviews for commercial real estate, lending, and wireless telecommunications projects.

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments	Field Reconnaissance
Phase II Environmental Site Assessments	Historical Topographic Maps and Aerial Imagery
Historical City Directories	Land Use History
Indoor Air Quality Assessments	Section 106 Compliance
Informal Section 7 Consultation	Migratory Bird Evaluations
National Wetlands Inventory Maps	NEPA Environmental Assessments
Flood Insurance Rate Maps	Local Government Consultation
Critical Habitat Maps	
Soil Characterization	
Archaeological and Architectural Impacts	

Areas of Expertise

OSHA 40-Hour HAZWOPER
Certified Asbestos Building Inspector - SC (License #191-EVT501-041)