

Phase I Environmental Site Assessment



Silicon Ranch Corporation:
SR Ripley II, LLC

Ripley, Lauderdale County, Tennessee
March 26, 2024



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Acronyms and Abbreviations

AAI	All-Appropriate Inquiry
ASTM	ASTM International (formerly American Society for Testing and Materials)
AUL	activity use limitation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EDR	Environmental Data Resources, Inc.
ESA	Environmental Site Assessment
HDR	HDR Engineering, Inc.
HIST UST	historical underground storage tank
LUST	leaking underground storage tank
LUST TRUST	leaking underground storage tank reimbursement fund
MGP	manufactured gas plant
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
PCB	Polychlorinated biphenyls
REC	Recognized Environmental Condition
SRC	Silicon Ranch Corporation
SWM	Solid Waste Management
TDEC	Tennessee Department of Environment & Conservation
USEPA	Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
VOC	volatile organic compounds

*Note: A more complete acronym list is located in the Governmental Database Report, **Appendix A**.*



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Executive Summary

HDR Engineering, Inc. (HDR) has conducted a Phase I Environmental Site Assessment (Phase I ESA) of a 46-acre addition to the SR Ripley II site (Subject Property), located in Ripley, Lauderdale County, Tennessee. This Phase I ESA has been prepared for Silicon Ranch Corporation (SRC) in support of property acquisition and due diligence.

The Subject Property consists of one primarily agricultural parcel totaling approximately 46 acres, identified by Lauderdale County Parcel Number (PN) 095 022.00.

The surrounding area was primarily occupied by agricultural fields, residential properties, and an electrical substation. The location, property boundaries, and property usage in the vicinity of the Subject Property are shown on **Figure 1** and **Figure 2**.

This Phase I ESA was completed to evaluate the potential presence of Recognized Environmental Conditions (RECs) that may adversely affect the Subject Property and was conducted in accordance with the scope and limitations of the ASTM International (ASTM) Practice E 1527-21. This report includes a review of environmental databases; a review of historical data sources; interviews with owner(s) and others with knowledge of the Subject Property; and a summary of the site reconnaissance conducted on November 1, 2023. Any exceptions to or deletions from these ASTM practices are described later in this report.

Findings

General findings of this assessment include the following:

- The Subject Property has consisted of undeveloped agricultural land since at least 1952.
- Nearby surrounding properties consisted of agricultural fields, residential properties, and an electrical substation.
- The Subject Property is located in the Coastal Plain Physiographic Province of Tennessee, which is characterized by low rolling hills and wide stream valleys consisting of loess deposited during the Quaternary age (Greene and Wolfe, 2000). Soils underlying the Subject Property consist solely of silt loam, which are moderately well drained, and moderately permeable soils.
- Shallow groundwater is expected to follow local topography, and flow south/southeast toward Hyde Creek and its tributaries.
- The Subject Property was not identified in environmental databases searched during this Phase I ESA. However, one site located within the ASTM search buffer was identified in databases searched.
 - Lynnwood's Market/L and M Market, 310 Eastland Avenue: listed in the UST, HIST UST, EDR Hist Auto, and Leaking Underground Storage Tank (LUST) databases. The database identified five gasoline and kerosene tanks that were removed from service in 2011 and 2020.
- HDR requested addition information from TDEC pertaining to the LUST at L and M Market, Lynnwood's Market, 310 Eastland Avenue, and confirmed that three of the five tanks associated with the facility were permanently closed in place in 2011. The facility operates two USTs that are reported to be temporarily closed since October 2020

(TDEC, 2020). A petroleum release was reported during closure activities of the three USTs in December 2011; however, petroleum constituents were not detected in soil samples above TDEC Initial Screening Levels (TDEC, 2011). No impacts to the Subject Property were apparent in the information provided.

- Three orphan sites were identified in the environmental database report but were deemed to be non-impactful to the Subject Property and/or located beyond the ASTM search buffer.
- The Subject Property was occupied by agricultural corn fields and wooded areas at the time of site reconnaissance.
 - The majority of the Subject Property was covered by a corn field.
 - Dumped materials including tires, wood debris, and household garbage were located within a wooded area in the northern portion of the Subject Property.
 - An abandoned building was located in the northern portion of the Subject Property. Several appliances including heat pumps and a refrigerator were piled outside the building.
 - A water spigot was located at the northwest corner of the abandoned building. Pipes and a valve box were located at the northeast corner.
 - Three drainpipe risers were found located throughout the corn field, possibly indicating the presence of a subsurface drainage system.

Opinions

HDR has reviewed the stated data sources, which are part of the ASTM E 1527-21 assessment protocol. Based upon the review of the data, HDR has developed the following professional opinions:

- HDR considers there to be a potential for residual herbicides and/or pesticides in the soil due to the historical land use; however, historical use within approved agricultural application rates is not considered an enforceable release to the environment. Therefore, historical herbicide and/or pesticide use within the Subject Property is not considered a REC.
- Based on the environmental databases searched during this Phase I ESA, the L and M Market site was located within the ASTM search buffer, but is not considered a REC based on the sites distance from the Subject Property, and ongoing regulatory oversight of the site.
- The dumped materials within a wooded area in the northern portion of the Subject Property do not constitute a REC since there was no observed indication of contamination resulting from the presence of the materials.

Conclusions

Based upon the above-detailed Findings and Opinions, HDR concludes that RECs have not been identified in association with the 46-acre addition to the SR Ripley II site. The following statement is required by ASTM E 1527-21 as a declaration of whether RECs were found:

HDR has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-21 of the approximately 46-acre Subject Property located in Ripley, Lauderdale County, Tennessee. Any exceptions to or deletions from these practices are



described in previous sections of this report. This report has revealed no indications of RECs in connection with the Subject Property.

Recommendations

Recommendations included in this report were developed through the investigative procedures described in the Scope of Services, Significant Assumptions, and Limitations sections of this report (See **Section 1.2**). These findings should be reviewed within the context of the limitations provided in the Limitations section.

Based upon the absence of RECs identified in conjunction with the Subject Property, HDR recommends that SRC consider the shelf life of Phase I documents in determining risk. ASTM E 1527-21 states that a conforming Phase I report is valid for a period of 180 days and may be updated during the 180 days to a 1-year timeframe. The report is valid for use in any of the CERCLA defenses only if it is updated within this time frame. If greater than one year passes from the final report date, the Phase I effort would need to be repeated to remain in compliance with ASTM and the All-Appropriate Inquiry (AAI) protections.

Phase I ESA Component	Date Collected
Database Search	October 30, 2023
Interview(s) (User and Landowner)	October 30, 2023
Site Reconnaissance	November 1, 2023
Environmental Professional Declaration	REPORT DATE
AUL and Environmental Lien Search	November 1, 2023
Report Expiration	April 27, 2024
*calculated from earliest collection date	



1 Purpose

The purpose of this Phase I ESA is to document the evaluation of the Subject Property for indications of “recognized environmental conditions.” ASTM Practice E 1527-21 defines the following categories of recognized environmental conditions (REC):

REC:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions (see definition below).

ASTM E 1527-21 defines release as a *release* of any hazardous substance or petroleum product and shall have the same meaning as the definition of “release” in CERCLA 42 U.S.C. § 9601(22)).

Historical REC (HREC):

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 (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Controlled REC (CREC):

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 (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Additional conditions that are not included under the definitions of a REC, but are defined by ASTM Practice 1527-21 include:

De minimis:

A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Business Environmental Risk:

A risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

Consideration of business environmental risk issues may involve addressing one or more non-scope considerations.

1.1 Report Users

HDR received authorization from Silicon Ranch Corporation (SRC) to conduct a Phase I ESA of the Subject Property. This Phase I ESA has been prepared for SRC, and only SRC has the right to rely on the contents of this Phase I ESA without written authorization.

1.2 Scope of Services, Significant Assumptions, and Limitations

The services provided for this project consisted of the following:

- Description of the Subject Property including location and legal description; general description of structures, roads, and other improvements; site and vicinity characteristics; and area soils, geology, and hydrogeology (**Section 2**).
- Information provided by the user of this Phase I report (**Section 3**).
- Review of reasonably ascertainable and reviewable regulatory information published by federal, state, local, tribal, health, and/or environmental agencies pertaining to the Subject Property (**Section 4**).
- Review of historical data sources for the Subject Property, including aerial photographs, topographic maps, fire insurance maps, city directories, and other readily available development data (**Section 5**).
- Interview with the current owner of the Subject Property and interview with other persons with knowledge of the development history of the Subject Property (**Section 6**).
- Area reconnaissance and an environmental review—including a visual review of adjoining properties—with a focus on indications of hazardous substances, petroleum products, polychlorinated biphenyls (PCBs), wells, storage tanks, solid waste disposal pits and sumps, and utilities (**Section 7**).
- Identification of data gaps in information obtained and evaluation of their significance in identifying RECs for the Subject Property (**Section 8**).
- Preparation of a written report of methods, findings, opinions, and conclusions (**Section 9**).

The goal of this scope of services is to assist the user in identifying environmental conditions in the surrounding area that may indicate risks regarding hazardous materials storage, disposal, or other impacts. The resulting report may qualify the user for relief from liabilities as one of three “defenses” identified in the 2002 Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 9607 (All Appropriate Inquiry subsections). These three defenses include:

1. The “innocent landowner” defense to potential liabilities under 42 United States Code [U.S.C.] §9601
2. The “contiguous project property owner” defense pursuant to 42 U.S.C. §9607q
3. The “bona fide prospective purchaser” defense pursuant to 42 U.S.C. §9607r

Federal regulations (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)) promulgated by the United States Environmental Protection Agency (USEPA), require that liability release be based (in part) on completion of All Appropriate Inquiries (AAI) prior to purchase of a property. Those inquiries are documented by Phase I reports or ESAs. USEPA has agreed that the recently developed ASTM guidance (ASTM Practice E 1527-21: 3.2.6) specifies and interprets AAI requirements.

A user is defined by ASTM Practice E 1527-21: as the party seeking to use Practice E 1527 to complete an ESA of the Subject Property and may include a potential purchaser of land in the Subject Property, a potential tenant of the Subject Property, an owner of land in the Subject Property, a lender, or a Subject Property manager. Investigative areas not included in the standard ASTM ESA scope include asbestos, lead-based paint, lead in drinking water, radon or urea formaldehyde, wetland issues, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high voltage power lines.

Indoor air quality from sources such as mold and asbestos are not included in the ASTM standard except to the extent that indoor air impacts are caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion).

The potential for vapor encroachment or intrusion into structures in the Subject Property are considered and identified from onsite or offsite sources based on the experience of the Environmental Professional.

The scope of services for ESA projects also does not include the completion of soil borings, the installation of groundwater monitoring wells, or the collection of soil or groundwater samples. State and national policies and standards relevant to vapor intrusion are in flux and subject to change.

HDR has made certain assumptions in preparing the scope of this assessment:

- Data gathered from public information sources (i.e., libraries or public regulatory agencies) are accurate and reliable.
- Site operations reflect site conditions relative to potential releases, and no intentional concealment of environmental conditions or releases has occurred.
- Interview information is directly reported as gathered by the Environmental Professional and is limited by the accuracy of the interviewee's recollection and experience.
- Published geologic information and site observations made by the Environmental Professional are used to estimate likely contaminant migration pathways in the subsurface. These estimates by the Environmental Professional are limited in accuracy and are generally cross-referenced with existing information about similar sites and environmental releases in the area.
- Regulatory information is limited to sites identified after the late 1980s because reliable records were not kept by regulatory agencies prior to that time frame.



The findings and conclusions presented in this report are based on the procedures described in ASTM Practice E 1527-21, informal discussions with various agencies, a review of the available literature cited in this report, conditions noted at the time of this Phase I ESA, and HDR's interpretation of the information obtained as part of this Phase I ESA. The findings and conclusions are limited to the specific project and properties described in this report and by the accuracy and completeness of the information provided by others.

An ESA cannot entirely eliminate uncertainty regarding the potential for REC(s). Conducting this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a Subject Property within reasonable limits of time and cost. In conducting its services, HDR used a degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession practicing in the same locality. This Phase I ESA conforms to the level of documentation required in ASTM Practice E 1527-21. However, HDR may omit discussion of certain records (i.e., sources deemed, in HDR's professional opinion, to be inapplicable, or of limited value, to the specific needs of this client). In accordance with ASTM, however, if the lack of available documentation results in a data gap, this data gap is identified herein, and its significance is discussed.

2 Site Description

2.1 Location and Legal Description

The Subject Property is located in an agricultural area of Lauderdale County, Tennessee. The Subject Property consists of one parcel totaling approximately 46 acres, as identified by Lauderdale County as parcel number (PN) 095 022.00.

2.2 Site and Vicinity Characteristics

The Subject Property consisted of corn, cotton fields and wooded areas. The surrounding area was primarily occupied by agricultural fields, residential properties, and an electrical substation. Please refer to the Project Vicinity and Aerial Imagery maps (**Figure 1** and **Figure 2**) for further detail.

The United States Geological Survey (USGS) 7.5-minute topographic map for Ripley, Tennessee (2019) indicates that elevation within the Subject Property ranges from approximately 380 feet in the southern area of the Subject Property to approximately 440 feet in the north (**Figure 3**).

2.3 Description of Structures, Roads, and Other Site Improvements

The Subject Property was occupied by a single structure with an adjacent water spigot. There were three drainpipe risers located throughout the corn field, indicating the possible presence of a subsurface drainage system. Historical aerial photographs indicated a second structure and a farm pond were formerly located south of the existing structure. At the time of site reconnaissance, the second structure had been demolished and the pond had been drained.

The Subject Property was bordered by Highway 19 (TN-19) to the south, Highland Street Extension to the west, and Sadler Street to the north.

2.4 Area Geology and Hydrogeology

The Subject Property is located in the Coastal Plain Physiographic Province of Tennessee, which is characterized by low rolling hills and wide stream valleys consisting of loess deposited during the Quaternary age (Greene and Wolfe, 2000).




According to the United States Department of Agriculture's Natural Resources Conservation Service's Soil Survey Geographic (SSURGO) database, the Adler silt loam, Loring silt loam, and Memphis silt loam comprise the primary soil units in the vicinity of the Subject Property. Adler silt loam consists of moderately well drained, moderately high to highly permeable soils located in natural levees and alluvial fans. Loring silt loam consists of moderately well drained, moderately low to moderately highly permeable soils located in loess hills. Memphis silt loam consists of well drained, moderately high to highly permeable soils located in loess hills.

Groundwater recharge and discharge corresponds to topographic high and lows, respectively. The direction of groundwater flow in the area can be affected by agricultural pumping and local

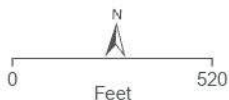


surface water bodies but is expected to flow south/southeast toward Hyde Creek and its tributaries prior to discharging to the Mississippi River, approximately 12 miles west of the Subject Property.

LEGEND

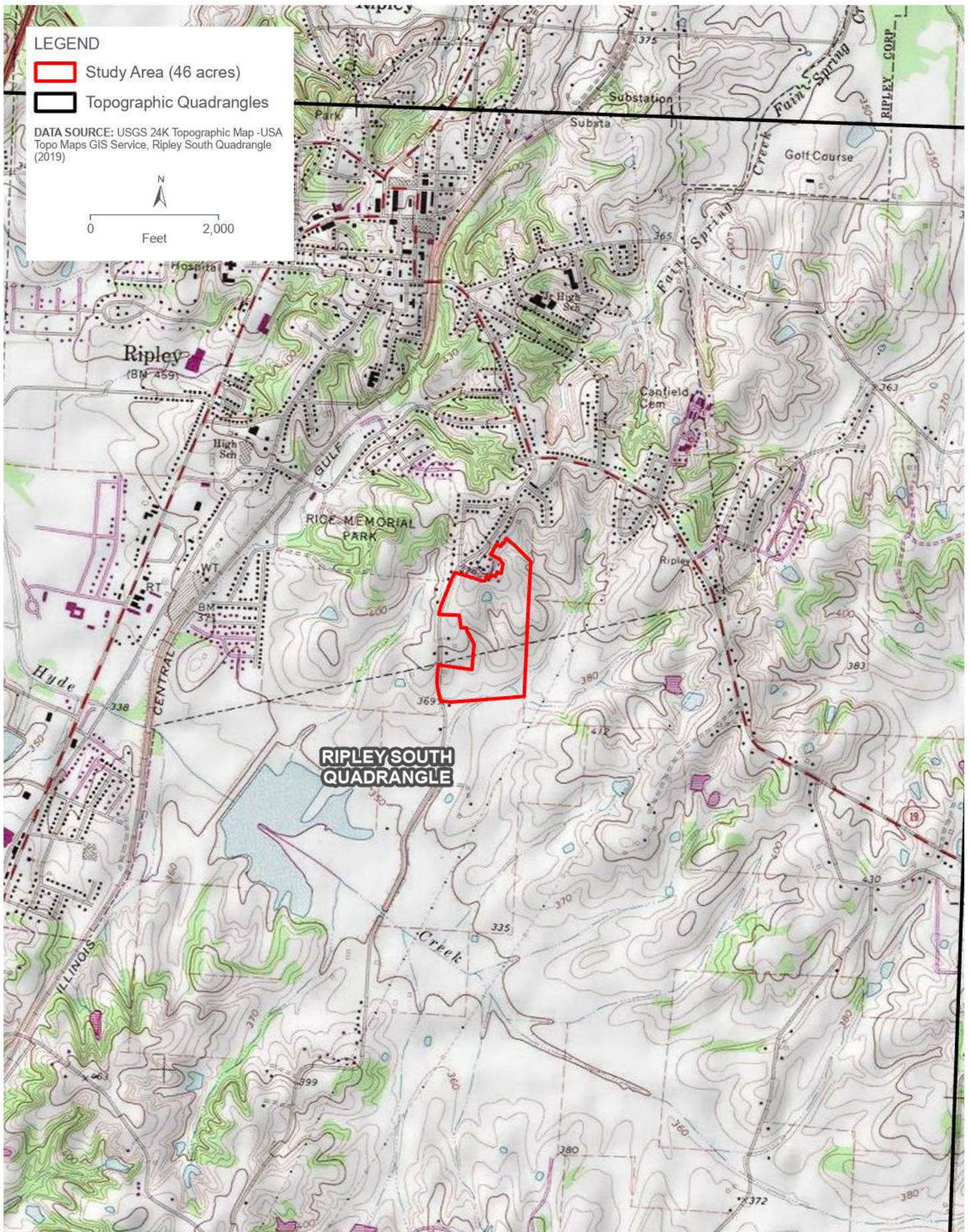
-  Study Area (46 acres)
-  Point of Interest
-  Parcel Boundary

DATA SOURCE: Bing Maps Hybrid Aerial Imagery



**SR RIPLEY II - PROCTOR PROPERTY
PROJECT AERIAL**

Figure 2



**SR RIPLEY II - PROCTOR PROPERTY
 USGS TOPOGRAPHIC QUADRANGLES**

Figure 3



3 User-Provided Information

In response to a request for information on the Subject Property, Mr. Chris Eidman with SRC stated that SRC:

- Has no specialized knowledge related to the Subject Property;
- Has no knowledge of any chemicals that are, or were, present on the Subject Property;
- Has no knowledge of any spills or chemical releases on the Subject Property;
- Has no knowledge of any environmental cleanups that may have taken place on the Subject Property;
- Has no knowledge of the presence of contamination on the Subject Property; and
- Believes the purchase price is not lower than fair market value.

4 Environmental Records Review

Environmental Data Resources, Inc. (EDR) was contracted by HDR to complete a database search of environmental federal, state, local, tribal, and EDR proprietary databases on October 30, 2023, using standard ASTM E 1527-21 search distances from a digitized polygon representing the Subject Property boundary.

EDR did not report listings associated with the Subject Property in databases searched during this Phase I ESA; however, the site below was identified in the environmental database report:

- *Lynnwood’s Market, 310 Eastland Avenue*: listed in the Leaking Underground Storage Tank (LUST) database citing closure of one underground storage tank (UST). The database search conducted for the larger SR Ripley Project Area, dated April 4, 2023, identified this property as L and M Market/Lynnwood’s Market; listed in the UST, Historical UST (HIST UST) and EDR Historical Auto Listing (EDR HIST AUTO) databases citing the following tanks:

Tank ID	Capacity (gallons)	Substance	Date Installed	Closure Date
Tank 1A	8,000	Gasoline	8/1/1982	Temporarily Out of Use – 10/16/2020
Tank 2A	6,000	Gasoline	8/1/1982	8/15/2011
Tank 3A	4,000	Gasoline	8/1/1982	Temporarily Out of Use – 10/16/2020
Tank 4A	2,000	Kerosene	7/31/1984	8/15/2011
Tank 5A	2,000	Kerosene	7/31/1985	8/15/2011

Three orphan (unmapped) sites were identified in the environmental database search; however, none were deemed to be within the Subject Property and only one was within the one-mile ASTM search buffer.

- *Dead End of Pearl Street City Property, Pearl St.*: listed in the SWM (Solid Waste Management) Complaints database for illegal dumping of wood waste. Investigation of the site found a locked gate and a posted No Dumping sign.

The EDR environmental database report and detailed maps are included in **Appendix A**.

4.1 Additional Regulatory Information

4.1.1 Online Sources

HDR searched the Tennessee Department of Environment & Conservation (TDEC) Solid Waste Management permits database, hazardous waste management facilities database, UST database and other databases deemed pertinent by the Environmental Professional (e.g., LUST, NPDES, air quality, etc.) for documentation of potentially hazardous sites within the

Subject Property or within the ASTM buffer of the Subject Property. The Subject Property was not listed in the databases.

The L and M Market was identified during review of the TDEC online UST data viewer. The L and M Market was reported to have two temporarily out-of-use and three permanently closed USTs. No further information was provided.

No additional information was gathered from online resources available from the State of Tennessee or Lauderdale County that would indicate the presence of a spill or release on the Subject Property.

4.1.2 Agency File Reviews

HDR requested additional information from TDEC pertaining to the LUST at L and M Market/Lynnwood's Market. TDEC records confirmed that three USTs were permanently closed in place in 2011. The facility operates two USTs that are reported to be temporarily closed since October 2020 (TDEC, 2020). A petroleum release was reported during closure activities of the three USTs in December 2011. Soil borings were advanced, and soil samples were collected adjacent to the USTs, product lines, and dispenser islands. Petroleum constituents were not detected in soil samples above TDEC Initial Screening Levels (TDEC, 2011). No impacts to the Subject Property were apparent in the information provided. Documents acquired from TDEC are in **Appendix A**.

5 Historical Use Information

The objective of reviewing historical use information is to develop a history of previous land uses at, and in the vicinity of, the Subject Property, and to assess these uses for potential hazardous materials impacts that may affect the Subject Property. HDR reviewed historical sources that were reasonably ascertainable and likely to provide useful information, as defined by the ASTM standard.

5.1 Fire Insurance Maps

Fire insurance maps are produced by private fire insurance companies to indicate uses of the Subject Property on specified dates. Per a search conducted by EDR, fire insurance map coverage was not available for the Subject Property.

5.2 Historical Aerial Photographs

Historical aerial photographs are valuable for the Environmental Professional to review features of the Subject Property and surrounding properties over an extended period. HDR reviewed historical aerial photographs (**Appendix B**) provided by EDR for the following years: 1952, 1971, 1975, 1985, 1992, 1998, 2007, 2010, 2014, and 2018.

1952: The Subject Property was mainly occupied by agricultural fields. A pond was located in the northern portion of the Subject Property. Residences were present along Highland Street.

1971 - 1985: Two structures were visible north of the pond, in the northern portion of the Subject Property, in the 1971 aerial photograph. Residences were visible along Sadler Street. Tree growth along the parcel boundaries was first visible in 1985.

1992: Highway 19 was visible south of the Subject Property for the first time.

1998 - 2014: The 1998 aerial photograph was similar to the 1992 photograph. The electrical substation southwest of the Subject Property was visible for the first time in 1998.

2018: The pond appeared filled in and the southern structure appeared demolished.

Google Earth imagery from 1998, 2007, 2008, 2010, 2012, 2013, 2015, and 2019 was used to supplement the historical aerial photograph review. The available images confirmed that the Subject Property has remained similar since 1998.

5.3 Historical Topographic Maps

Historic topographic maps provide an overview of the Subject Property relative to potential previous land uses. HDR reviewed 15-minute series USGS maps for Rialto (1935, 1961, 1962, and 1977), Halls (1939, 1940, 1961, and 1962), and Hales Point (1961, 1962, and 1977), and 7.5-minute series USGS maps for Ripley North (1972, 2013, 2016, and 2019), Ripley South (1972, 1983, 2013, 2016, and 2019), Durhamville (1981, 2013, 2016, and 2019), Gates (1981, 1983, 2013, 2016 and 2019) (**Appendix C**).



1935-1940: The Subject Property was not depicted in the topographic maps.

1961-1983: The Subject Property was predominantly undeveloped with residences along Highland Street.

2013-2019: Highway 19, the road south of the Subject Property, was first visible on the 2013 map. The 2013-2019 maps do not show structures. No significant changes to the Subject Property or vicinity from the 1983 map were evident.

5.4 City Directory Information

A search of available city directories was conducted by EDR for Highland Street and Highland Street Extension for this Phase I ESA. Highland Street and Highland Street extension were listed in the city directories in 1992, 1995, 2000, 2005, 2010, 2014, 2017 and 2020. Highland Street was also listed in the city directories in 1992. City directory results obtained by HDR for this Phase I ESA are provided in **Appendix D**.

According to the city directories, the properties located along each road were mainly residential with sparse commercial properties. The following readily identifiable, non-residential properties were listed in the city directories:

Property Address	Business Name	Coverage Year(s)
131 Highland Street	Corner Quick Stop	1995
137 Highland Street	Lauderdale County Group Home	2000
201 Highland Street	Mr. Carpet	1995, 2000

Prepared by: EL; Checked by: AL

5.5 Environmental Liens, Activity Use Limitations (AULs) and Additional Information

An environmental lien search was not conducted as part of this Phase I ESA.

5.6 Summary of Previous Environmental Investigations

Reports of prior environmental investigations were not provided to HDR by the User for the Subject Property.



6 Interviews

6.1 Site Interviews

No onsite interviews were conducted.

6.2 Offsite Interviews

HDR attempted to interview the property owner, Raymond Proctor, but was unable to conduct an interview prior to finalization of this report.

7 Site Reconnaissance

On November 1, 2023, HDR conducted a site reconnaissance of the Subject Property and surrounding properties. Photographs taken during site reconnaissance are presented in **Appendix F**.

7.1 Subject Property Observations

At the time of the site reconnaissance, the Subject Property was occupied by corn fields, wooded areas, and a single structure. The reconnaissance was performed on foot.

The majority of the Subject Property was occupied by a corn field, with wooded areas in the northern and southern corners. A single structure was located on the Subject Property, off Sadler Street in the northern portion of the parcel. A water spigot was located at the northwest corner of the structure with pipes and a valve box located on the northeast corner. Several appliances were stacked in front of the structure, including heat pumps and a refrigerator. None of the appliances appeared to be leaking fluid. Three drainpipe risers were found in the corn field, possibly indicating the presence of a subsurface drainage system. Dumped debris was present in the wooded area on the northern portion of the Subject Property. The waste included wood debris, tires, and household garbage.

Nearby surrounding properties consisted of agricultural fields, residential properties, and an electrical substation.

7.2 Utilities and PCBs

No PCB-containing equipment was noted during the site reconnaissance of the Subject Property. An overhead electrical transmission line ran along the southern edge of the parcel, parallel to Highway 19. An electrical substation was present southeast of the Subject Property.

7.3 Vapor Intrusion Potential

According to USEPA guidance, vapor intrusion is a general term for migration of the vapor phase of volatile organic compounds (VOCs) from any subsurface contaminant source, such as contaminated soil or groundwater, through the soil and into an overlying building. The two general classes of VOCs that account for a large number of soil and groundwater contamination sites in the United States are petroleum hydrocarbons and non-petroleum hydrocarbon fuel additives, and chlorinated solvents.

The potential for vapor intrusion was evaluated for the Subject Property. Based on the current and historical use of the Subject Property, and the lack of on-site VOC sources, vapor intrusion is not considered a concern for the Subject Property.

8 Data Gap Analysis

The ASTM E 1527-21 standards require a listing of “data gaps,” including data failure, encountered during the investigative process that may affect the validity of the conclusions drawn by the Environmental Professional. The ASTM E 1527-21: 12.5.1 Standard also requires that the Environmental Professional estimate the relative importance of the data gaps. Generally, gaps in available data are related to the availability of historical data sources for specific sites of concern. The Environmental Professional uses multiple historical data sources as a method to provide coverage for data gaps. Historical information is collected on a recurring basis, and the passage of time between data sets may or may not constitute a significant gap in data coverage.

Specifically, for this assessment, the following data gaps are noted as:

- Lack of aerial photographs for the Subject Property prior to 1952, and between 1952 and 1971;
- Lack of historical topographic maps for the Subject Property prior to 1961, and between 1981 and 2013;
- Absence of available fire insurance maps; and
- Lack of landowner interview.

The lack of aerial photographs prior to 1952, lack of available historical topographic maps prior to 1961, absence of fire insurance maps, and lack of landowner interview were identified as data gaps; however, they do not represent significant data gaps due to the limited historical development of the Subject Property and availability of other sources.

9 Findings, Opinions, and Conclusions

HDR has conducted a Phase I ESA of the 46-acre addition to the SR Ripley II site (Subject Property), located in Ripley, Lauderdale County, Tennessee. This Phase I ESA has been prepared for SRC in support of due diligence for property acquisition.

This Phase I ESA was completed to evaluate the potential presence of RECs that may adversely affect the Subject Property and was conducted in accordance with the scope and limitations of the ASTM Practice E 1527-21.

9.1 Findings

General findings of this assessment include the following:

- The Subject Property has consisted of undeveloped agricultural land since at least 1952.
- Nearby surrounding properties consisted of agricultural fields, residential properties, and an electrical substation.
- The Subject Property is located in the Coastal Plain Physiographic Province of Tennessee, which is characterized by low rolling hills and wide stream valleys consisting of loess deposited during the Quaternary age (Greene and Wolfe, 2000). Soils underlying the Subject Property consist solely of silt loam, which are moderately well drained, and moderately permeable soils.
- Shallow groundwater is expected to follow local topography, and flow south/southeast toward Hyde Creek and its tributaries.
- The Subject Property was not identified in environmental databases searched during this Phase I ESA. However, one site located within the ASTM search buffer was identified in databases searched.
 - Lynnwood's Market/L and M Market, 310 Eastland Avenue: listed in the UST, HIST UST, EDR Hist Auto, and Leaking Underground Storage Tank (LUST) databases. The database identified five gasoline and kerosene tanks that were removed from service in 2011 and 2020.
- HDR requested addition information from TDEC pertaining to the LUST at L and M Market, Lynnwood's Market, 310 Eastland Avenue, and confirmed that three of the five tanks associated with the facility were permanently closed in place in 2011. The facility operates two USTs that are reported to be temporarily closed since October 2020 (TDEC, 2020). A petroleum release was reported during closure activities of the three USTs in December 2011; however, petroleum constituents were not detected in soil samples above TDEC Initial Screening Levels (TDEC, 2011). No impacts to the Subject Property were apparent in the information provided.
- Three orphan sites were identified in the environmental database report but were deemed to be non-impactful to the Subject Property and/or located beyond the ASTM search buffer.
- The Subject Property was occupied by agricultural corn fields and wooded areas at the time of site reconnaissance.
 - The majority of the Subject Property was covered by a corn field.
 - Dumped materials including tires, wood debris, and household garbage were located within a wooded area in the northern portion of the Subject Property.

- An abandoned building was located in the northern portion of the Subject Property. Several appliances including heat pumps and a refrigerator were piled outside the building.
- A water spigot was located at the northwest corner of the abandoned building. Pipes and a valve box were located at the northeast corner.
- Three drainpipe risers were found located throughout the corn field, possibly indicating the presence of a subsurface drainage system.

9.2 Opinions

HDR has reviewed the stated data sources, which are part of the ASTM E 1527-21 assessment protocol. Based upon the review of the data, HDR has developed the following professional opinions:

- HDR considers there to be a potential for residual herbicides and/or pesticides in the soil due to the historical land use; however, historical use within approved agricultural application rates is not considered an enforceable release to the environment. Therefore, historical herbicide and/or pesticide use within the Subject Property is not considered a REC.
- Based on the environmental databases searched during this Phase I ESA, the L and M Market site was located within the ASTM search buffer, but is not considered a REC based on the sites distance from the Subject Property, and ongoing regulatory oversight of the site.
- The dumped materials within a wooded area in the northern portion of the Subject Property do not constitute a REC since there was no observed indication of contamination resulting from the presence of the materials.

9.3 Conclusions

Based upon the above-detailed Findings and Opinions, HDR concludes that RECs have not been identified in association with the 46-acre addition to the SR Ripley II site. The following statement is required by ASTM E 1527-21 as a declaration of whether RECs were found:

HDR has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-21 of the approximately 46-acre Subject Property located in Ripley, Lauderdale County, Tennessee. Any exceptions to or deletions from these practices are described in previous sections of this report. This report has revealed no indications of RECs in connection with the Subject Property.



10 Recommendations

Recommendations included in this report were developed through the investigative procedures described in the Scope of Services, Significant Assumptions, and Limitations sections of this report (See **Section 1.2**). These findings should be reviewed within the context of the limitations provided in the Limitations section.

Based upon the absence of RECs identified in conjunction with the Subject Property, HDR recommends that SRC consider the shelf life of Phase I documents in determining risk. ASTM E 1527-21 states that a conforming Phase I report is valid for a period of 180 days and may be updated during the 180 days to a 1-year timeframe. The report is valid for use in any of the CERCLA defenses only if it is updated within this time frame. If greater than one year passes from the final report date, the Phase I effort would need to be repeated to remain in compliance with ASTM and the All-Appropriate Inquiry (AAI) protections.

Phase I ESA Component	Date Collected
Database Search	October 30, 2023
Interview(s) (User and Landowner)	October 30, 2023
Site Reconnaissance	November 1, 2023
Environmental Professional Declaration	REPORT DATE
AUL and Environmental Lien Search	November 1, 2023
Report Expiration	April 27, 2024
*calculated from earliest collection date	

11 Qualifications of Environmental Professionals

This Phase I ESA described herein was conducted by the undersigned employees of HDR Engineering, Inc. The following individual(s) assisted in the conduct of all appropriate inquires under the supervision or responsible charge of the Environmental Professional identified below.

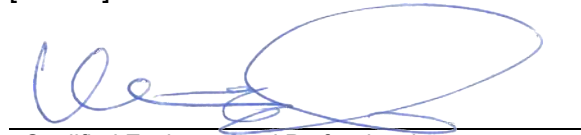
11.1 Signatures and Qualifications

I have the specific qualifications 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 all appropriate inquires in conformance with standards and practices set forth in 40 CFR Part 312.



Primary Preparer
Ethan Lawton

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional, as defined in Section 312.10 of 40 Code of Federal Regulations [C.F.R.] Part 312.



Qualified Environmental Professional
Mark P. Filardi, PG

11.2 Qualifications of Environmental Professionals

This Phase I ESA was performed by the following HDR personnel:

Mr. Ethan G. Lawton, an environmental scientist, has two years of experience in environmental science, human health risk assessment, assessment and remediation of impacted properties, and compliance with environmental regulations. Ethan has a B.S. in Environmental Science from the University of South Carolina and specializes in investigations of hazardous materials-impacted sites, and environmental compliance and corrective action programs for groundwater, surface water, and soils. He is knowledgeable of federal, state, and local environmental regulations and standards, along with environmental due diligence related to real estate transactions.

Quality Assurance/Quality Control were performed by the following HDR Personnel:

Mr. Mark P. Filardi, PG is a qualified Environmental Professional, as defined by ASTM Practice E1527-21, with over 25 years of experience in environmental site assessment and remediation. Mark currently serves as HDR's Southeast Region Remediation Lead and is based in our Charlotte, North Carolina office. His team regularly supports the planning and implementation of contaminated site investigations; compliance monitoring; remediation of impacted soil,



groundwater, surface water, and sediment; and hydrogeologic and water use characterization for municipal, power, and industrial/commercial clients throughout the Eastern and Midwestern United States. He has extensive experience supporting subsurface geological investigations, managing, and conducting assessments in accordance with State-level clean-up programs (UST and DSCA); the USEPA's CCR Rule for coal combustion residuals; NPDES permit sampling; and Phase I and II ESAs.

12 References

ASTM Practice E 1527-21, 2021, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

EDR, 2023. EDR Radius Map, Historical Topographic Maps, Historical Aerial Photographs, City Directory, 3. SR Ripley II, Ripley, TN. Inquiry number 7483365.2s. October 30, 2023.

Greene, D.C. and W.J. Wolfe. 2000. Superfund GIS – 1:250,000 Geology of Tennessee, USGS.

NRCS. 2024. National Resources Conservation Service Soil Map. Accessed on March 23, 2024. [Web Soil Survey \(usda.gov\)](https://websoilsurvey.sc.egov.usda.gov/)

Tennessee Department of Environment and Natural Resources, December 21, 2011. Final Approval of Non-Contaminated Closure – L&M Market.

Tennessee Department of Environment and Natural Resources, December 18, 2020. UST Operation Inspection Results.

TDEC. 2024 Tennessee Department of Environment & Conversation UST GIS Dataviewer. Accessed on March 23, 2024. [TDEC Underground Storage Tanks \(tn.gov\)](https://www.tn.gov/underground-storage-tanks/)



A

Appendix A – Governmental Database Search Results & TDEC Records



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SR Ripley II

Ripley

Ripley, TN 38063

Inquiry Number: 7483365.2s

October 30, 2023

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

RIPLEY
RIPLEY, TN 38063

COORDINATES

Latitude (North): 35.7283090 - 35° 43' 41.91"
Longitude (West): 89.5251150 - 89° 31' 30.41"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 271610.2
UTM Y (Meters): 3956555.0
Elevation: 397 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 13048898 RIPLEY SOUTH, TN
Version Date: 2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20180804
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
RIPLEY
RIPLEY, TN 38063

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	LYNNWOOD'S MARKET	310 EASTLAND AVENUE	LUST	Higher	2118, 0.401, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

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

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Disposal Facilities
SWM COMPLAINTS..... Solid Waste Management Complaints

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

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

State and tribal institutional control / engineering control registries

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Superfund VOAP Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facilities Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

HIST UST..... Underground Storage Tank Database

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

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

EXECUTIVE SUMMARY

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

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

A review of the LUST list, as provided by EDR, and dated 07/31/2023 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

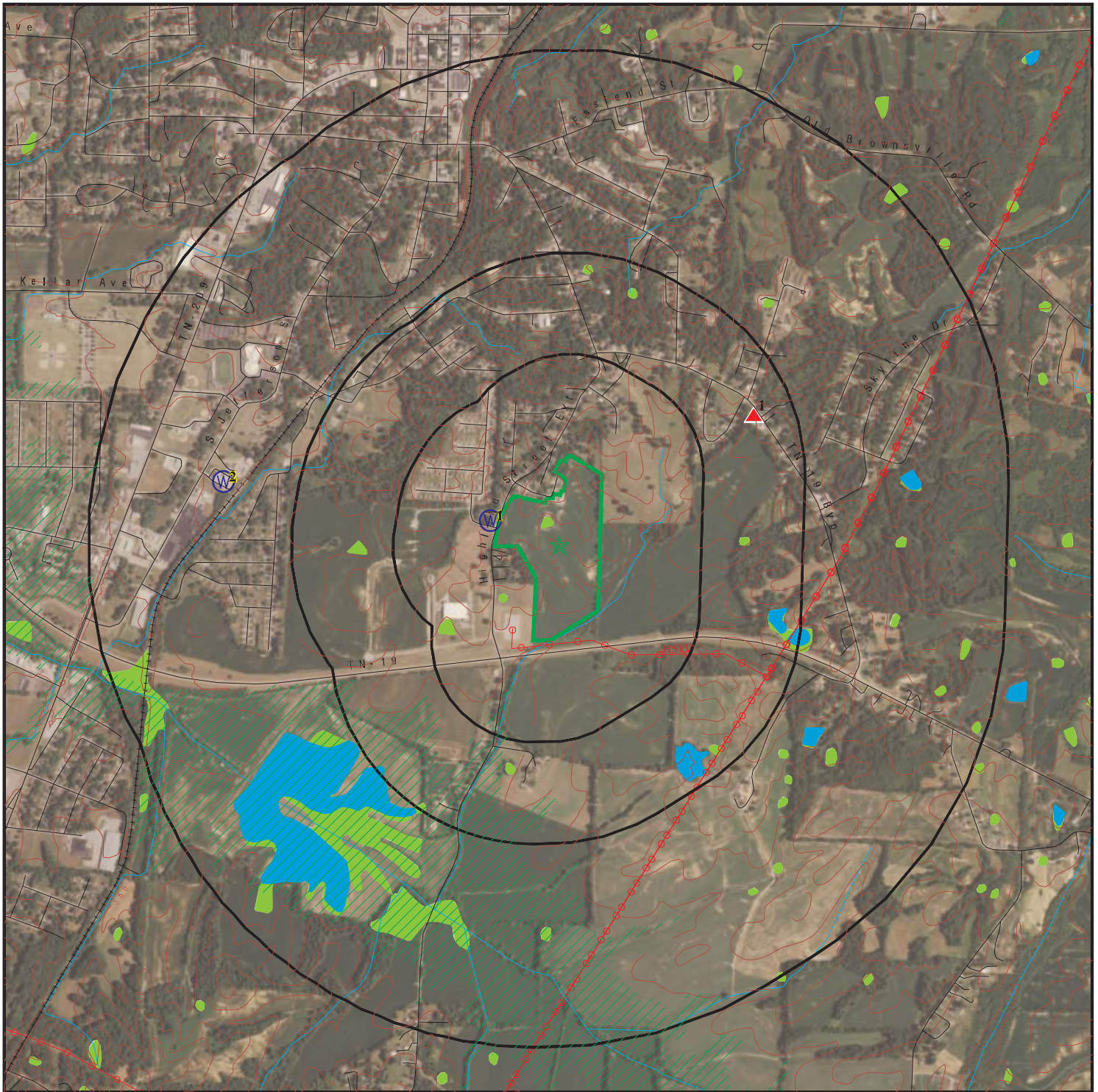
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LYNNWOOD'S MARKET Facility Id: 8490129 Current Status: 1a Completed Tank Closure	310 EASTLAND AVENUE	NE 1/4 - 1/2 (0.401 mi.)	1	8


EXECUTIVE SUMMARY


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


<u>Site Name</u>	<u>Database(s)</u>
215 BUD STRAIN RD. RIPLEY, TN	SWM COMPLAINTS
TEMA INCIDENT #1705-2022	SWM COMPLAINTS
DEAD END OF PEARL STREET, CITY PRO	SWM COMPLAINTS

OVERVIEW MAP - 7483365.2S



 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

 Power transmission lines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands

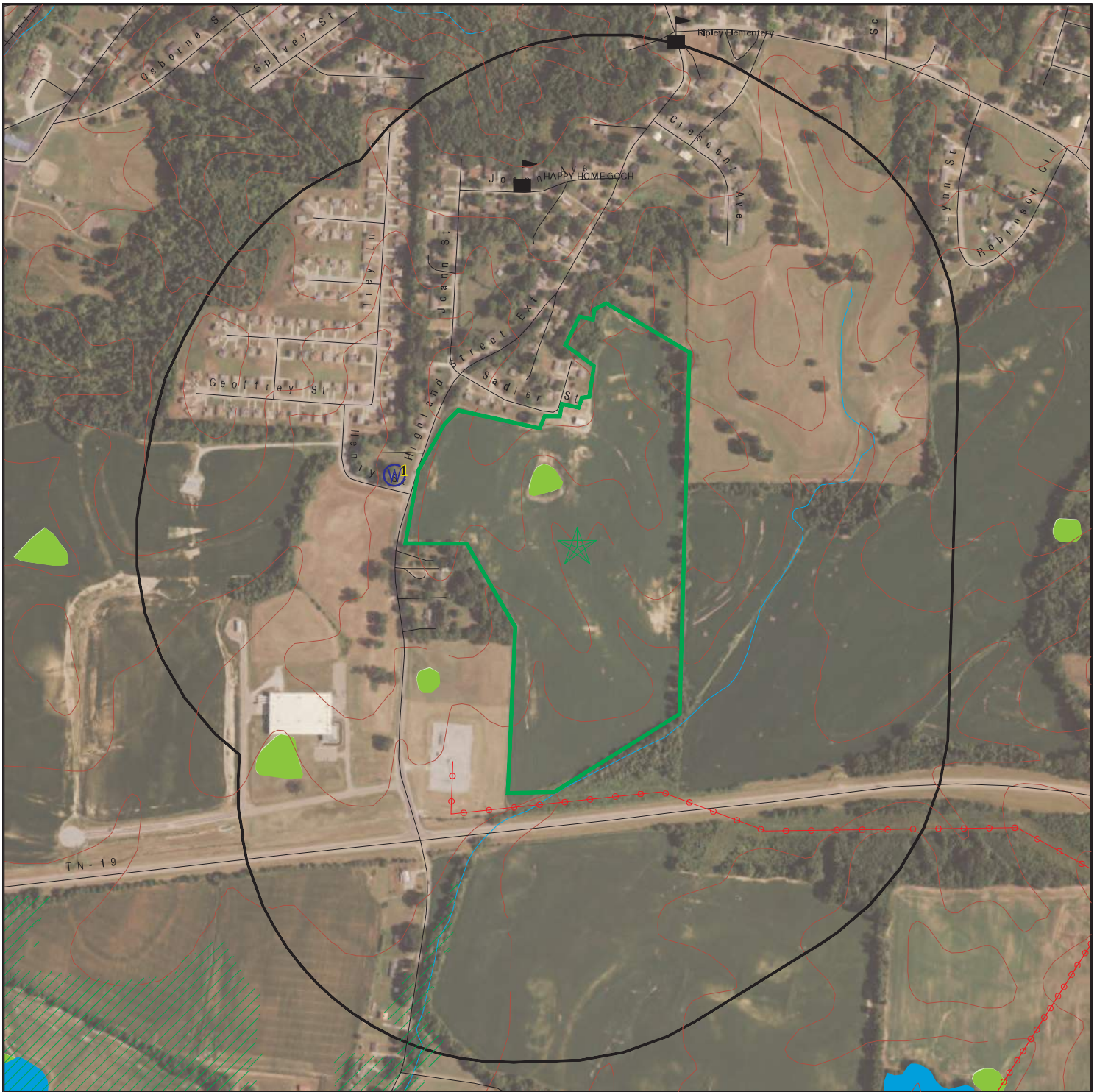


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley TN 38063
 LAT/LONG: 35.728309 / 89.525115

CLIENT: HDR
 CONTACT: Ethan Lawton
 INQUIRY #: 7483365.2s
 DATE: October 30, 2023 10:30 am

DETAIL MAP - 7483365.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands



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

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley TN 38063
 LAT/LONG: 35.728309 / 89.525115

CLIENT: HDR
 CONTACT: Ethan Lawton
 INQUIRY #: 7483365.2s
 DATE: October 30, 2023 10:31 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>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
SWM COMPLAINTS	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
HIST_LUST CO	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
SRP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
PRIORITYCLEANERS	0.500		0	0	0	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	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
MINES MRDS	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
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

1
NE
1/4-1/2
0.401 mi.
2118 ft.

LYNNWOOD'S MARKET
310 EASTLAND AVENUE RT. 6
RIPLEY, TN 38063

LUST S111315610
N/A

Relative:
Higher

LUST:

Actual:
458 ft.

Name: LYNNWOOD'S MARKET
Address: 310 EASTLAND AVENUE RT. 6
City,State,Zip: RIPLEY, TN 38063
Region: STATE
Facility Id: 8490129
Current Status: 1a Completed Tank Closure
Product Released: Not reported
Discovery Date: Not reported
How Discovered: Not reported
Cause: Not reported
Case Manager: Robert Strong
Case Description: Not reported
Section: FO
Priority: Not reported
Company Name: Ripley Investment Inc.
Owner Address: 310 Eastland Ave.
Owner City: Ripley
Owner State: TN
Owner Zip Code: 38063
Owner Telephone: (901) 635-9220
Owner Address 2: Not reported
fadd2: Not reported
Site Number: 1
Contact: Ricky Patel
Cac Contact: Not reported
Contact Title: Not reported
Consultant Address 1: Not reported
Consultant Address 2: Not reported
Contact City: Not reported
Contact State: Not reported
Contact Phone: Not reported
Contact zip: Not reported
Cac Type: Not reported

Count: 3 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
LAUDERDALE COUNTY	S128955031	215 BUD STRAIN RD. RIPLEY, TN	215 BUD STRAIN RD. RIPLEY, TN		SWM COMPLAINTS
RIPLEY	S128955247	TEMA INCIDENT #1705-2022	3520 HIGHWAY 19		SWM COMPLAINTS
RIPLEY	S128955130	DEAD END OF PEARL STREET, CITY PRO	PEARL STREET, RIPLEY		SWM COMPLAINTS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 800-424-9346
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/12/2023

Date Data Arrived at EDR: 06/20/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 55

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/20/2023

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

SHWS: Promulgated Sites

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

Date of Government Version: 06/26/2023

Date Data Arrived at EDR: 06/26/2023

Date Made Active in Reports: 09/13/2023

Number of Days to Update: 79

Source: Department of Environment & Conservation

Telephone: 615-532-0900

Last EDR Contact: 09/26/2023

Next Scheduled EDR Contact: 01/08/2024

Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Disposal Facilities

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

Date of Government Version: 06/05/2023

Date Data Arrived at EDR: 06/06/2023

Date Made Active in Reports: 08/28/2023

Number of Days to Update: 83

Source: Department of Environment and Conservation

Telephone: 615-532-0804

Last EDR Contact: 09/07/2023

Next Scheduled EDR Contact: 12/18/2023

Data Release Frequency: Quarterly

SWM COMPLAINTS: Solid Waste Management Complaints

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

Date of Government Version: 06/23/2023

Date Data Arrived at EDR: 06/23/2023

Date Made Active in Reports: 08/18/2023

Number of Days to Update: 56

Source: Department of Environment & Conservation

Telephone: 615-532-0780

Last EDR Contact: 08/22/2023

Next Scheduled EDR Contact: 12/04/2023

Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LUST: Fund Eligible Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank site locations.

Date of Government Version: 07/31/2023

Date Data Arrived at EDR: 08/09/2023

Date Made Active in Reports: 10/27/2023

Number of Days to Update: 79

Source: Department of Environment and Conservation

Telephone: 615-532-0945

Last EDR Contact: 08/09/2023

Next Scheduled EDR Contact: 11/20/2023

Data Release Frequency: Semi-Annually

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: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/20/2023	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-8677
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/19/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6271
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

LUST TRUST: LUST TRUST Fund Database

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

Date of Government Version: 07/31/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 08/09/2023	Telephone: 615-532-0971
Date Made Active in Reports: 10/27/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Semi-Annually

HIST_LUST CO: Leaking Underground Storage Tanks Sites

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

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

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

UST: Facility and Tank Report

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

Date of Government Version: 07/31/2023	Source: Department of Environment and Conservation
Date Data Arrived at EDR: 08/09/2023	Telephone: 615-532-0945
Date Made Active in Reports: 10/27/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 10/01/1999	Source: Department of Environment and Conservation
Date Data Arrived at EDR: 10/12/1999	Telephone: 615-532-0965
Date Made Active in Reports: 11/05/1999	Last EDR Contact: 10/11/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites Sites that have engineering controls.

Date of Government Version: 08/07/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 08/09/2023	Telephone: 615-532-0900
Date Made Active in Reports: 10/27/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Control Sites Sites that have institutional controls.

Date of Government Version: 08/07/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 08/09/2023	Telephone: 615-532-0900
Date Made Active in Reports: 10/27/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Semi-Annually

Lists of state and tribal voluntary cleanup sites

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: 09/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Varies

VCP: Voluntary Cleanup, Oversight and Assistance Program Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/26/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 79

Source: Department of Environmental & Conservation
Telephone: 615-532-0912
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

SRP: State Remediation Program List

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

Date of Government Version: 06/12/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 09/07/2023
Number of Days to Update: 86

Source: Department of Environemtn & Conservation
Telephone: 615-532-0853
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

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

Lists of state and tribal brownfield sites

BROWNFIELDS: Superfund VOAP Listing

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

Date of Government Version: 06/12/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 09/07/2023
Number of Days to Update: 86

Source: Department of Environment & Conservation
Telephone: 615-532-0912
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

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

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWRCY: Recycling Facilities Listing

A listing of recycling facility locations.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/06/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 83

Source: Department of Environment & Conservation
Telephone: 615-532-8657
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
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: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Registry of Contaminated Properties

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

Date of Government Version: 07/06/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 07/26/2023	Telephone: 615-532-0900
Date Made Active in Reports: 10/16/2023	Last EDR Contact: 10/25/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/05/2024
	Data Release Frequency: Quarterly

PRIORITY CLEANERS: DCERP Remediation Sites Listing

Drycleaner Environmental Response Program remediation sites.

Date of Government Version: 07/10/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 07/11/2023	Telephone: 615-253-3876
Date Made Active in Reports: 09/26/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Annually

DEL SHWS: Deleted State Hazardous Waste Sites

A listing of sites removed from the Promulgated Sites Listing.

Date of Government Version: 06/26/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 06/26/2023	Telephone: 615-532-0900
Date Made Active in Reports: 09/13/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Semi-Annually

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/22/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/23/2023	Telephone: 202-307-1000
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank Database

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

Date of Government Version: 07/31/2023	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 08/09/2023	Telephone: 615-532-0945
Date Made Active in Reports: 10/27/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: No Update Planned

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LIENS: Liens Information

A listing of sites with environmental liens information.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 84

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
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: 06/19/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

SPILLS: State Spills

A listing of spills locations.

Date of Government Version: 01/05/2015
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 02/10/2015
Number of Days to Update: 35

Source: Department of Environment & Conservation
Telephone: 615-532-0109
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SPILS: Statewide Petroleum Incident Logging Section

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

Date of Government Version: 05/18/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 83

Source: Department of Environment & Conservation
Telephone: 615-532-0780
Last EDR Contact: 08/16/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/31/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	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: 08/03/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 09/15/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 08/18/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 07/17/2023	Source: EPA
Date Data Arrived at EDR: 07/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 10/20/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 703-416-0223
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 05/09/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-8600
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/29/2024
	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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 10/06/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	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: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-0717
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/29/2024
	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: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017	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: 08/28/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/08/2024
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 10/04/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/05/2024
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/24/2023
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 06/13/2023	Source: Department of Interior
Date Data Arrived at EDR: 06/14/2023	Telephone: 202-208-2609
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/12/2023
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/18/2023
	Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022	Source: USGS
Date Data Arrived at EDR: 11/22/2022	Telephone: 703-648-6533
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 08/24/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

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: 05/04/2023	Source: EPA
Date Data Arrived at EDR: 05/25/2023	Telephone: (404) 562-9900
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/28/2023
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-2280
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS TRIS: List of PFAS Added to the TRI

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

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-566-0250
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

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

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

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

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

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/23/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 02/05/2024
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

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

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

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

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

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

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

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

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS ENF: Enforcement data

No description is available for this data

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

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

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

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

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 09/01/2022
Date Data Arrived at EDR: 12/19/2022
Date Made Active in Reports: 03/14/2023
Number of Days to Update: 85

Source: Department of Environment & Conservation
Telephone: 615-532-5281
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

AIRS: Listing of Permitted Sources

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

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/16/2023
Number of Days to Update: 82

Source: Department of Environment & Conservation
Telephone: 615-532-0545
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DRYCLEANERS: Registered Facilities List

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

Date of Government Version: 06/01/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77

Source: Dept. of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

LEAD CERT: Lead Safe Housing Registry

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

Date of Government Version: 02/25/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 107

Source: Department of Environment & Conservation
Telephone: 615-532-8011
Last EDR Contact: 08/23/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 05/15/2023

Date Data Arrived at EDR: 05/16/2023

Date Made Active in Reports: 08/09/2023

Number of Days to Update: 85

Source: Department of Environment & Conservation

Telephone: 615-253-2245

Last EDR Contact: 08/15/2023

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Quarterly

VAPOR: VOC Sites Listing

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

Date of Government Version: 05/05/2023

Date Data Arrived at EDR: 06/28/2023

Date Made Active in Reports: 08/04/2023

Number of Days to Update: 37

Source: Department of Environment & Conservation

Telephone: 615-532-0930

Last EDR Contact: 09/28/2023

Next Scheduled EDR Contact: 01/15/2024

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 LF: Recovered Government Archive Solid Waste Facilities List

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

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

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

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

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

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
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: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
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.

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Listing

Source: Department Of Human Services

Telephone: 615-313-4778

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Environment & Conservation

Telephone: 651-532-0052

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

SR RIPLEY II
RIPLEY
RIPLEY, TN 38063

TARGET PROPERTY COORDINATES

Latitude (North):	35.728309 - 35° 43' 41.91"
Longitude (West):	89.525115 - 89° 31' 30.41"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	271610.2
UTM Y (Meters):	3956555.0
Elevation:	397 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	13048898 RIPLEY SOUTH, TN
Version Date:	2019

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

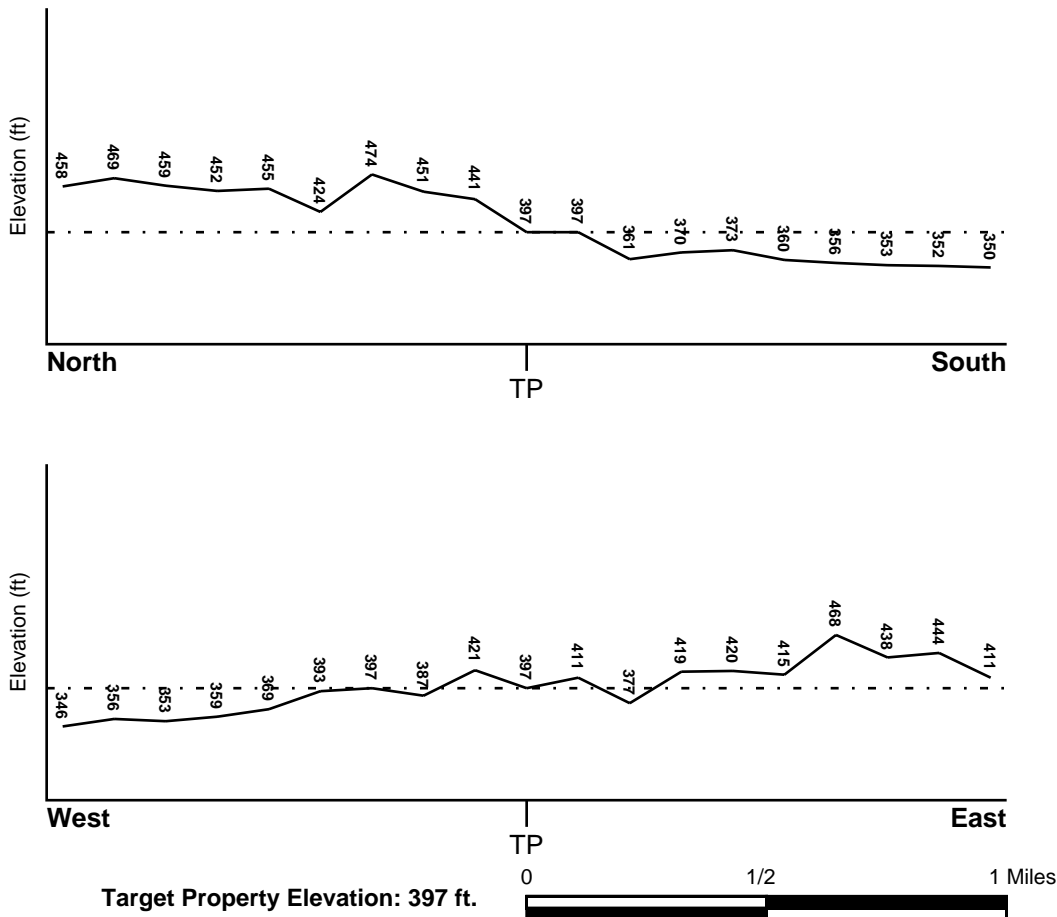
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

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>
47097C0357D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
47097C0356D	FEMA FIRM Flood data
47097C0358D	FEMA FIRM Flood data
47097C0359D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<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: Cenozoic
System: Tertiary
Series: Eocene Jackson Group
Code: Te3 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MEMPHIS

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: MODERATE

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: 6.00 Min: 4.50
2	9 inches	23 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	23 inches	77 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: 6.00 Min: 4.50

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: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001146193	1/8 - 1/4 Mile WNW
2	USGS40001146162	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

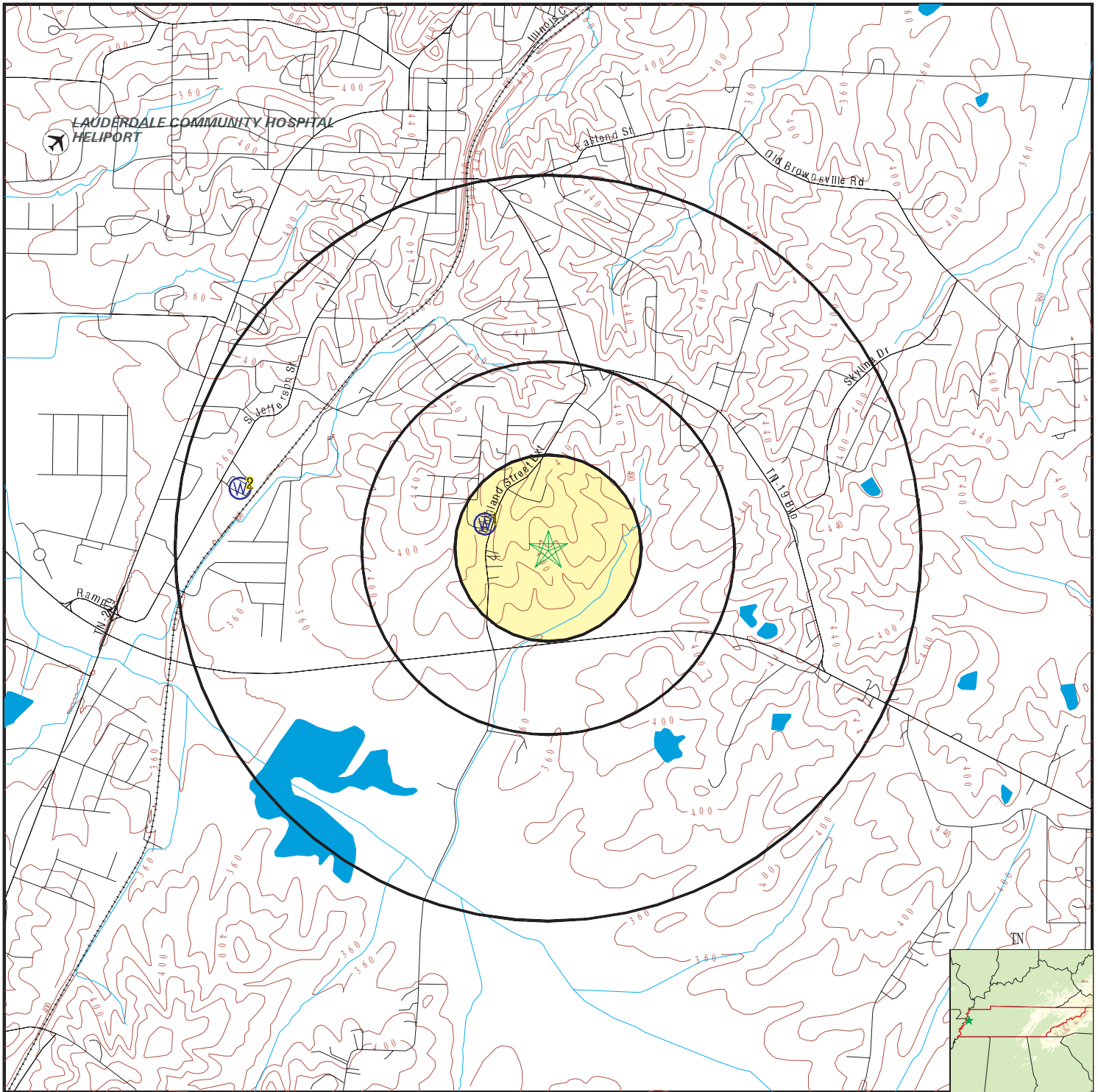
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 7483365.2s



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

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



SITE NAME: SR Ripley II ADDRESS: Ripley Ripley TN 38063 LAT/LONG: 35.728309 / 89.525115	CLIENT: HDR CONTACT: Ethan Lawton INQUIRY #: 7483365.2s DATE: October 30, 2023 10:31 am
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
WNW
1/8 - 1/4 Mile
Higher

FED USGS USGS40001146193

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	LD:H-011	Type:	Well
Description:	SAMPLED FOR FG WELLS REPORT; FIELD LOCATED LATER		
HUC:	08010208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Mississippi embayment aquifer system		
Formation Type:	Claiborne Group	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	695
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

2
West
1/2 - 1 Mile
Lower

FED USGS USGS40001146162

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	LD:H-033	Type:	Well
Description:	ONLY WELL FOUND IN 1981		
Drainage Area:	Not Reported	HUC:	08010208
Contrib Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer Type:	Not Reported	Formation Type:	Not Reported
Well Depth:	106	Construction Date:	19690217
Well Hole Depth:	106	Well Depth Units:	ft
		Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: TN Radon

Radon Test Results

County	Total Sites	Avg	Max	<4 pCi/L	4-10 pCi/L	10-20 pCi/L	20-50 pCi/L	50-100 pCi/L	>100 pCi/L
LAUDERDALE	2	0.8	1.3	2	0	0	0	0	0

Federal EPA Radon Zone for LAUDERDALE 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 Zip Code: 38063

Number of sites tested: 8

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.650 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Environment & Conservation

Telephone: 651-532-0052

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

County Water Wells in Tennessee

Source: Department of Environment and Conservation

Telephone: 615-532-0160

Water well locations for the entire state.

Oil and Gas Well Database

Department of Environment & Conservation

Telephone: 615-687-7109

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

OTHER STATE DATABASE INFORMATION

RADON

State Database: TN Radon

Source: Department of Environment & Conservation

Telephone: 615-299-9725

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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FACILITY #

490129

RDA # 2297

FO



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
JACKSON ENVIRONMENTAL FIELD OFFICE
1625 HOLLYWOOD DRIVE
JACKSON, TENNESSEE 38305-4316
PHONE (731) 512-1300 STATEWIDE 1-888-891-8332 FAX (731) 661-6283

December 21, 2011

Mr. Ricky Patel
Ripley Investment, Inc.
310 Eastland Ave.
Ripley, TN 38063

Re: Final Approval of Non-Contaminated Closure
L & M Market
310 Eastland Avenue
Ripley, Lauderdale County, TN
Facility ID # 8-490129, Lauderdale County

Dear Mr. Patel:

The Division of Underground Storage Tanks (Division) has received the December 10, 2011 Permanent Closure Report for the referenced facility. The analytical results do not indicate contamination above the Initial Screening Levels. Based on the information available, the 6000 gallon gasoline tank #2A, 2000 gallon kerosene tank #4A, and the 2000 gallon kerosene tank #5A closed in place on December 10, 2011 can be considered closed. Based on the information available, the Division has closed its files on this site and unless new information is discovered substantially changing the facts as we know them today, the Division will require no further action at this time.

Rule 1200-1-15-.03(1)(g) states, in part: "Any change in the status of the tanks at a petroleum UST facility shall be reported within thirty (30) days of said change. This includes but is not limited to changes of ownership, upgrading or replacement of tanks, changes in mailing address, permanent closure of a tank compartment, and changes in service. Such reports shall be made using an amended notification form."

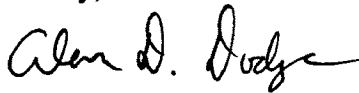
Mr. Ricky Patel
Ripley Investment, Inc.
Facility ID # 8-490129
December 21, 2011
Page 2

If soils are excavated and removed from the UST site for use at another location, then the Division of Solid Waste Management must be contacted regarding the proper disposal and/or use of those soils.

All forms and guidance are available at www.state.tn.us/environment/ust.

If you have any questions concerning this correspondence, call 731-512-1346.

Sincerely,



Alan D. Dodge
Environmental Specialist I
Division of Underground Storage Tanks

C: Jill Gilbert-Nashville UST Central Office Notification Section
Jackson EFO Closure File # 8-490129

FO-020 03142011 FINAL



RECEIVED

DI 15 2011

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF UNDERGROUND STORAGE TANKS

PERMANENT CLOSURE REPORT

The UST system tank owner/operator shall complete and submit the original Permanent Closure Report (PCR) to the appropriate Division of Underground Storage Tanks (division) Environmental Field Office (EFO) within 60 days of collecting samples during the UST system closure assessment. T.C.A. §68-215-114(b) states that the tank owner/operator shall be liable to the state for costs of investigation, identification, containment and cleanup, including monitoring and maintenance.

Date: 12-10-11

Facility Name: Land M MARKET
Facility I.D. Number: 8-490129

THIS REPORT IS NOT COMPLETE UNLESS THE FOLLOWING DOCUMENTS ARE ATTACHED IN AN APPENDIX:

ATTACHED: (Check appropriate answer)

- A. The original laboratory analysis sheets Yes Not Applicable
(The laboratory analysis sheets shall include all items specified in the current UST Closure Assessment Guidelines)
- B. Documentation for treatment of soil Yes Not Applicable
(i.e. Application to Treat Petroleum Contaminated Soil)
- C. Disposal Manifest(s) for soil Yes Not Applicable
(i.e. Solid Waste Permits, Landfill Disposal Manifests, etc.)
- D. Disposal Manifest(s) for sludge Yes Not Applicable
- E. Disposal Manifest(s) for liquid/product Yes Not Applicable
- F. Disposal Manifest(s) for tanks and/or piping Yes Not Applicable
- G. Monitoring Well Information Yes Not Applicable
(i.e. boring log, monitoring well construction diagram, etc.)
- H. Water Use Survey Information Yes Not Applicable
- I. Updated Site Map Yes Not Applicable

An updated, post-closure site map shall be attached showing buildings, roads, utilities, former or existing UST Systems, product lines and dispensers, areas of over-excavation, areas of encountered bedrock, borings, surface water within 200 feet of the site, and sample points. The map shall also include the location(s) of the soil stockpiles, their dimensions in feet, and the location of screening and sampling points within each stockpile (If due to size constraints, the location of stockpile screening and sampling locations cannot be accurately depicted, then a separate map depicting a layout of the stockpile shall be provided). A measurement shall be included from one corner of each tank excavation zone to a permanent structure (i.e. building, power pole, fire hydrant, etc.). Based on Question 14, identify the location of observed releases. The site map shall include a north arrow.

- J. Copy of the Amended Notification Form. Yes Not Applicable

Send the original Amended Notification Form to the UST Nashville Central Office.

PERMANENT CLOSURE REPORT

Facility Name: Land M MARKET Facility I.D. Number: 8-490129

SECTION I GENERAL INFORMATION

1. Facility Name: Land M MARKET
Street Address (no P.O. Boxes): 310 EASTLAND AVE
City: RIPLEY, TN Zip Code: 38063
2. Were UST personnel at the appropriate Environmental Field Office (EFO) notified at least one working day prior to collecting soil samples for the UST system closure assessment? Yes No
If yes, person contacted: MR. ROBERT STRONG
EFO contacted: JACKSON Date contacted: 11-14-11
Reported by: PAUL HAYES
If no, explain: _____

SECTION II UST CLOSURE PREPARATION

3. Were the tank atmosphere and work zone regularly tested with a combustible gas indicator in accordance with UST Regulations Appendix 6? Yes No
If no, explain: _____
4. Were the tank(s) purged prior to closure?
Yes No Not Applicable
If yes, identify the method used to purge the tank atmosphere:
Carbon dioxide gas Nitrogen Eductor-type air movers
Diffused air blower Dry ice (1.5 lb/100 gal.)
Other _____
If no, explain: _____
5. Was product piping drained into the tank? Yes No
If no, explain: _____
6. Was product piping removed? Yes No
If no, explain: _____
7. Were all dispensers removed? Yes No
If no, explain: _____

PERMANENT CLOSURE REPORT

Facility Name: L and M MARKET

Facility I.D. Number: 8-490129

8. Were all liquids and/or sludge removed from the UST system(s)?
Yes _____ No _____ Not Encountered X

If no, explain: _____

9. Method of liquid and/or sludge storage: _____

10. Method of liquid and/or sludge disposal: _____

SECTION III TANK REMOVAL

Only complete Section III if the tank and/or piping were removed during closure.

11. Was the tank(s) labeled in accordance with the UST Regulations Appendix 6? Yes _____ No _____

If no, explain: _____

12. Method of UST system storage/disposal:

Cut up for Disposal _____ Stored on Site _____ Stored off Site _____

Other _____

UST systems stored on site or off site are subject to Rules 1200-1-15-.07(2)(e), (f), (g), and Appendix 6.

13. Location of UST system storage/disposal: _____

_____ Not Applicable _____

14. If contamination above any initial screening level (ISL) was encountered, then based on visual inspection of the UST components during removal, which component(s) appears to have failed causing the contamination? (Check all that apply):

Piping (including joints) _____ Vent Lines (including joints) _____ Tanks _____

Spill/Overfill Equipment _____ Dispensers (including flex connectors) _____

Line Leak Detectors _____ Submersible Pump Heads _____ Unknown _____

None _____ Not Applicable X

Provide specific details about what was observed:

PERMANENT CLOSURE REPORT

Facility Name: Land M MARKET

Facility I.D. Number: 8-490129

15. Based on the response to Question #14, what action or process appears to have caused the contamination? (Check all that apply):

Spill(s) _____ Overfill(s) _____ Pipe and/or Joint Failure _____

Human Error (i.e. accident, improper installation/repair, etc.) _____ Corrosion _____

Mechanical Failure (Line leak detector/submersible pump head, dispenser equipment, etc.) _____

Unknown _____ Not Applicable Other (specify) _____

16. Amount of backfill material initially removed during UST system closure: _____ cubic yards.

17. Total amount of material over-excavated after removal of the UST system: _____ cubic yards.

18. If more than 100 cubic yards of material was over-excavated, were Division personnel in the appropriate EFO contacted? Yes _____ No _____ Not Applicable _____

If yes, person contacted: _____

EFO contacted: _____ Date contacted: _____

Reported by: _____

If no, explain: _____

19. Check all that apply regarding the management of the excavated material:

Thermal Treatment _____ Aeration _____ On Site _____ Off Site _____ Landfill _____

Other _____ Not Applicable _____

20. After over-excavation, was free product present in the tank pit or line trench(es)?

Yes _____ No _____

21. After tank removal, what material was used to backfill the excavation?

Gravel/Crushed Rock _____ Clean Soil Fill _____ Excavated Soil Pile _____

Other (Describe) _____ Not Applicable _____

All excavations shall be backfilled with material containing petroleum contaminant levels below the Initial Screening Levels (ISLs).

22. If the excavated soil pile was used as backfill, was the material screened and sampled in accordance with TGD-005 and found to be below the ISLs prior to use as backfill?

Yes _____ No _____ Not Applicable

If no, explain: _____

PERMANENT CLOSURE REPORT

Facility Name: Land M MARKET

Facility I.D. Number: 8-490129

23. Was water encountered during excavation of the UST system?

Yes No Not Applicable

If yes, what was the amount of the water removed from the tankhold? gallons
A maximum of only 500-gallons may be removed without prior division approval)

~~Did the water recharge within 24 hours? Yes No~~

~~Was the recharge water sampled? Yes No~~

~~If no, explain: _____~~

~~Method of water disposal: _____~~

24. If more than 500 gallons of water was removed, were Division personnel in the appropriate EFO contacted?

Yes No Not Applicable

If yes, person contacted: _____

EFO contacted: _____ Date contacted: _____

Reported by: _____

If no, explain: _____

25. Was bedrock encountered during UST system removal?

Yes No

26. Were soil samples collected from the depths specified in the current UST Closure Assessment Guidelines?

Tank(s): Yes No Not Applicable

Product Line Trench(s): Yes No Not Applicable

Dispenser(s): Yes No Not Applicable

If no, explain: _____

27. Was all contaminated material above the applicable ISL excavated?

Yes No Not Applicable

If no, explain: _____

PERMANENT CLOSURE REPORT

Facility Name: Land M MARKET

Facility I.D. Number: 8-490129

SECTION IV CLOSURE-IN-PLACE

Only complete Section IV if the tank and/or piping were not removed during closure.

28. What inert solid material was used to fill the tank(s):

Sand _____ Sand/Soil _____ Concrete X Concrete/ Bentonite _____

Other (specify - liquid/foam materials are not acceptable) _____

29. Were soil samples collected from the boring depths specified in the current UST Closure Assessment Guidelines?

Tank(s): Yes X No _____ Not Applicable _____

Product Line Trench(s): Yes X No _____ Not Applicable _____

Dispenser(s): Yes X No _____ Not Applicable _____

If no, explain: _____

30. Was water encountered in the soil boring(s) during closure-in-place?

Yes _____ No X

31. Was bedrock encountered during UST system closure-in-place?

Yes _____ No X

SECTION V SURFACE WATER INFORMATION

32. Is surface water located within 200 feet of the site?

Yes _____ No X

If yes, was the surface water visibly impacted by a petroleum product?

Yes _____ No _____

SECTION VI SAMPLING AND REPORTING

33. Were all samples placed directly into the appropriate containers immediately after collection?

Yes X No _____ If no, explain: _____

34. Were all samples immediately placed on ice after collection and maintained at 4°C until delivered to a laboratory?

Yes X No _____ If no, explain: _____

PERMANENT CLOSURE REPORT

Facility Name: L & M MARKET

Facility I.D. Number: 8-490129

35. Was the contaminant concentration for any soil sample collected after removal, closure-in-place, or over-excavation above the ISL for any Chemical of Concern (COC) in Table 1 of the PCR?

Yes ___ No X

36. Was the contaminant concentration for any tankhold recharge water sample above the ISL for any COC listed in Table 2 of the PCR?

Yes ___ No ___ Not Applicable X

37. In accordance with Rule 1200-1-15-.06, was laboratory confirmation of petroleum contamination above the applicable ISL or discovery of free product reported to the division within 72 hours?

Yes ___ No ___ Not Applicable X

If yes, person contacted: _____

EFO contacted: _____ Date contacted: _____

Reported by: _____

If no, explain: _____

SECTION VII MONITORING WELL INSTALLATION, ANALYTICAL RESULTS AND WATER USE SURVEY INFORMATION

Only complete Section VII if a monitoring well was installed during UST closure.

38. In accordance with the current UST Closure Assessment Guidelines, was a monitoring well installed for any of the following situations? (Check all that apply)(Include a boring log/monitoring well diagram in Appendix G)

A. Following over-excavation, free product was present. Yes ___

B. Soil contamination exceeded the ISL for one or more COC and could not be over-excavated or was in contact with bedrock. Yes ___

C. Bedrock was encountered before completing the sampling requirements in the current UST Closure Assessment Guidelines. Yes ___

D. An analytical result from the recharge water sample collected from the tank excavation exceeded the drinking water ISL for one or more COC. Yes ___

E. Water was encountered in one or more tankhold soil boring before completing the sampling requirements in the current UST Closure Assessment Guidelines. Yes ___

F. Surface water located on or near the petroleum site was visibly impacted by petroleum product. Yes ___

39. Did the contaminant concentration in groundwater from the monitoring well sample exceed the drinking water ISL for any COC listed in Table 2 of the PCR? Yes ___ No ___

PERMANENT CLOSURE REPORT

Facility Name: L & M MARKET

Facility I.D. Number: 8-490129

40. If the answer to #39 was yes, was a Water Use Survey performed in accordance with the current Environmental Assessment Guidelines?

Yes No

41. If the answer to #40 was yes, was a drinking water supply or wellhead protection area discovered within a one-half (0.5) mile radius of the site? (Include Water Use Survey information in Appendix H)

Yes No

42. If a Water Use Survey was performed and no drinking water supplies or wellhead protection areas were discovered within a one-half mile radius of the site, did the contaminant concentration in groundwater from the monitoring well sample exceed the non-drinking water ISL for any COC listed in Table 2 of the PCR?

Yes No

PERMANENT CLOSURE REPORT

Facility Name: L & M MARKET

Facility I.D. Number: 8-490129

TABLE 1 – INITIAL SCREENING LEVELS (ISLs) AND ANALYTICAL RESULTS

SOIL*

All field screening and laboratory analytical results shall be reported in parts per million

Chemical of Concern	Soil Residential (mg/kg)	Soil Commercial (mg/kg)	Sample/Boring # (Tank, line, dispenser)	Sample Date	Sample Depth (feet)	Field Screening Results	Laboratory Analytical Results
ORGANICS	(mg/kg)	(mg/kg)			(feet)		
Benzene	0.0729	3.8					
Toluene	6.78	62.2					
Ethylbenzene	143	1310					
Xylenes (Total)	9.60	88.0					
MtBE	39.6	364					
Naphthalene	135	403					
EPH	500	500					
Benzene	0.0729	3.8					
Toluene	6.78	62.2					
Ethylbenzene	143	1310					
Xylenes (Total)	9.60	88.0					
MtBE	39.6	364					
Naphthalene	135	403					
EPH	500	500					
Benzene	0.0729	3.8					
Toluene	6.78	62.2					
Ethylbenzene	143	1310					
Xylenes (Total)	9.60	88.0					
MtBE	39.6	364					
Naphthalene	135	403					
EPH	500	500					
Benzene	0.0729	3.8					
Toluene	6.78	62.2					
Ethylbenzene	143	1310					
Xylenes (Total)	9.60	88.0					
MtBE	39.6	364					
Naphthalene	135	403					
EPH	500	500					

See Attached Soil Sample Results

*Attach additional sheets as necessary

PERMANENT CLOSURE REPORT

Facility Name: L & M MARKET

Facility I.D. Number: 8-490129

TABLE 2 – INITIAL SCREENING LEVELS (ISLs) AND ANALYTICAL RESULTS

GROUND WATER*

All laboratory analytical results shall be reported in parts per million

Chemical of Concern	Drinking Water	Non-Drinking Water	Sample/Monitoring Well #	Sample Date	Laboratory Analytical Results
ORGANICS	(mg/l)	(mg/l)			
EPH	NA	NA			
Benzene	0.005	0.072			
Toluene	1.0	4.31			
Ethylbenzene	0.700	10.3			
Xylenes (Total)	10.0	3.57			
MtBE	0.020	175			
Acenaphthene	0.939	NA			
Acenaphthylene	0.939	NA			
Anthracene	0.0434	NA			
Benzo(a)anthracene	0.00117	NA			
Benzo(a)pyrene	0.0002	NA			
Benzo(b)fluoranthene	0.00117	NA			
Benzo(g,h,i)perylene	0.0007	NA			
Benzo(k)fluoranthene	0.0008	NA			
Chrysene	0.0016	NA			
Dibenzo(a,h)anthracene	0.000117	NA			
EDB	0.00005	NA			
EDC	0.005	NA			
Fluorene	0.626	NA			
Fluoranthene	0.206	NA			
Indeno(1,2,3-c,d)pyrene	0.00117	NA			
Naphthalene	0.020	9.81			
Phenanthrene	0.469	NA			
Pyrene	0.135	NA			
METALS					
Cadmium	0.005	NA			
Chromium	0.100	NA			
Lead	0.015	NA			
Silver	0.100	NA			
Zinc	5.0	NA			

*Complete one table per sampling point

NA – Not Applicable

PERMANENT CLOSURE REPORT

Facility Name: L & M MARKET

Facility I.D. Number: 8-490129

The following signature page shall be signed by the tank owner/operator. If more than 100 cubic yards of material was overexcavated, contaminated ground water was encountered, and/ or a monitoring well was installed, then the following signature page shall also be signed by a registered professional geologist under the Tennessee Geologist Act (T.C.A. §62-36-101 et seq.), registered professional engineer under the Tennessee Architects, Engineers, and Landscape Architects, and Interior Designers Law and Rules (T.C.A. §62-2-101 et seq.), or an approved Corrective Action Contractor in accordance with Rule 1200-1-15-.09(15).

I certify under penalty of law, including but not limited to penalties for perjury, that the information contained in this form and on any attachments are true, accurate and complete to the best of my knowledge, information and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for intentional violations.

X PANNA PATEL
Tank owner/operator
(Print name)

X P.P. Patel
Signature

X 12/10/11
Date

X OWNER
Title (Print)

PE, PG, or CAC (Print name)

Signature

Date

TN Registration #

CAC Company (Print)

Note: Each of the above signatures shall be notarized separately with the following statement:

X STATE OF TN COUNTY OF Cauderdale

Sworn to and subscribed before me by Panna Patel

on this date 10th of Dec. 2011 My commission expires Sept 18, 2012

Barbara J. Fowler Barbara J. Fowler 12-10-11
Notary Public (Print Name) Signature Date

Stamp/Seal

Site MAP

CLOSE IN PLACE

2A - 6000 - GAS

4A - 2000 - K-1

5A - 2000 - K-1

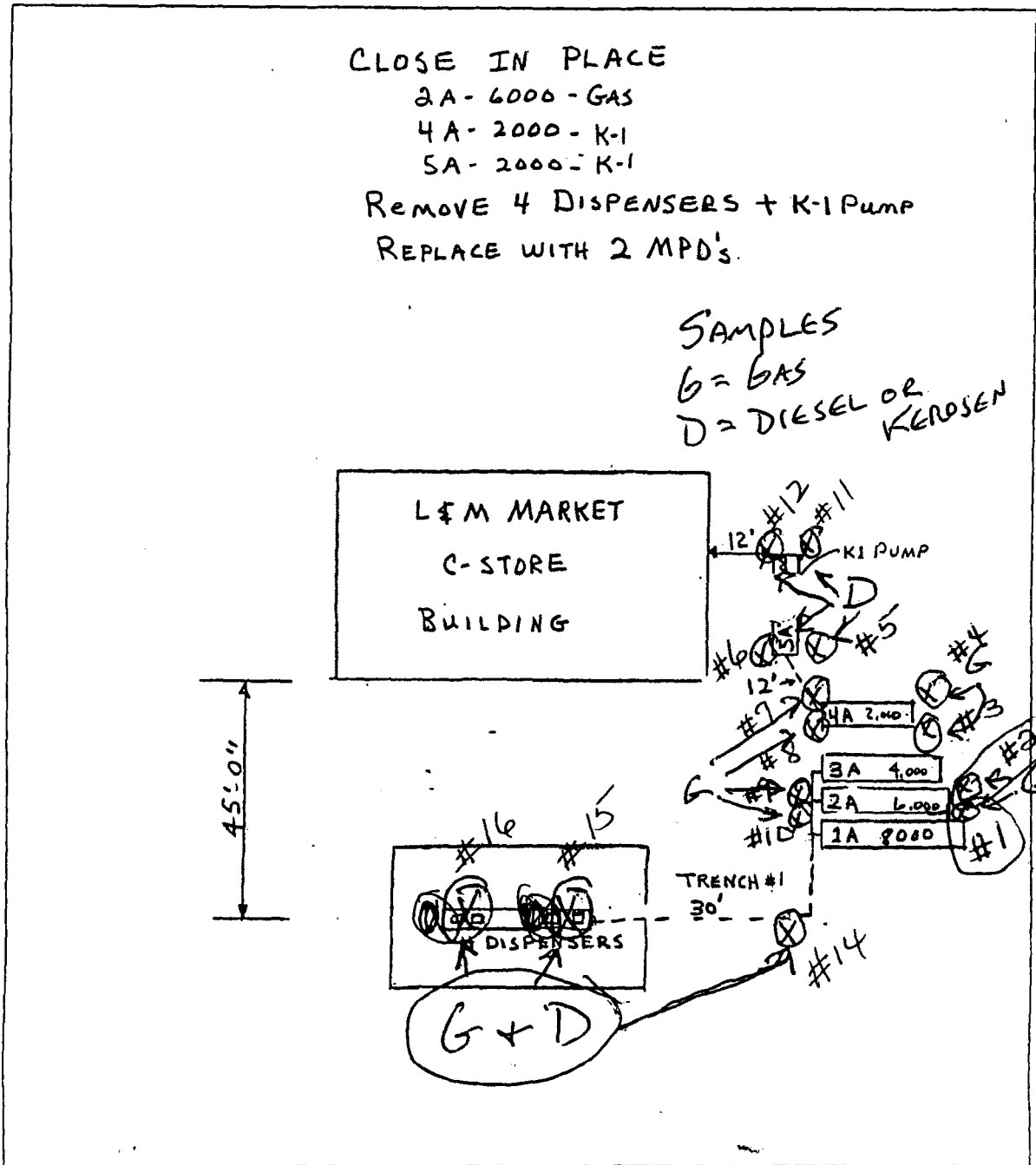
REMOVE 4 DISPENSERS + K-1 PUMP

REPLACE WITH 2 MPD'S.

SAMPLES

G = GAS

D = DIESEL OR KEROSENE



EASTLAND AVE.

original mailed to Nashville



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF UNDERGROUND STORAGE TANKS
Notification for Underground Storage Tanks

COPY

Mail completed notification to:
TN Dept. of Environment & Conservation
Underground Storage Tank Division
4th Floor, L & C Tower
401 Church Street
Nashville, TN 37243-1541

8-490129
Facility ID Number

Mark Type of Notification

- New Facility
- Amendment of Information
- New/Change of Ownership
- Tank Temporarily Out of Service
- Tank Closure

*Circles can be checked or filled in.

Tank Owner Information

Owner's Business or Last Name

RIPLEY INVESTMENT,

The owner ID number is assigned by the Division. If you are a new owner it will be assigned after the form is received.

Owner's First Name or Business Name Continued

INC.

Owner ID Number 327539

Owner's Mailing Address

310 EASTLAND AVENUE

Mark Type of Tank Owner

- Individual
- Corporation
- City Government
- County Government
- State Government
- Federal Government

City

RIPLEY

Phone Number

731 413 4331

State TN

Zip Code 38063

County LAUDERDALE

Email

[Empty email field]

If owner has an Authorized Representative or Designated Operator list below

Last Name of Owner's Authorized Representative

[Empty field]

Business or Last Name of Designated Operator

[Empty field]

First Name of Owner's Authorized Representative

[Empty field]

First Name of Designated Operator

[Empty field]

Title of Owner's Authorized Representative

[Empty field]

Owner may be held liable anywhere the term "owner/operator" is mentioned in Chapter 1200-1-15 of the Tennessee Underground Storage Tank Program rules, even though you have designated an operator. Designated Operator must sign page 9.

Phone [Empty field]

Financial Responsibility

I have met financial responsibility requirements in accordance with 40 CFR Subpart Yes No

- State Funds
- Self Insurance
- Financial Test
- Guarantee
- Commercial Insurance
- Surety Bond
- Letter of Credit
- Trust Fund
- Bond Rating Test
- Risk Retention Group

For Office Use Only

Date Received

[Month] [Day] [Year]

Date Entered

[Month] [Day] [Year]

Clerk Initials:

[Initials]

TDEC—Notification for Underground Storage Tanks

*All Tanks must have a tank Identification number and letter for each compartment. If tank only has one compartment the compartment letter will be A. Tank numbers should begin at 1 unless there were previous tanks at this facility. See the example to the right.

1	1	2	3
A	B	A	A

*Circles can be checked or filled in. *heating oil tanks are not required to register.

Tank identification #	01	02	03	04	05	
Compartment letter A, B, C, or D	A	A	A	A	A	
Mark if amending compartment information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Total compartment capacity in gallons	8000	6000	4000	2000	2000	
Date of installation (Month/Year)						
Mark if tank is manifolded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mark if tank is an emergency generator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Status of Tank

Currently in Use	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temporarily out of Service (Less than one inch of residue) (See Page 7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temporarily out of Service (greater than one inch of residue) (See Page 7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Permanently Out of Service (See Page 7)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Substance Currently Stored

Diesel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gasoline	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gasohol	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kerosene	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heating oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous substance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other substance please specify	_____	_____	_____	_____	_____	_____
Mixture of substances	_____	_____	_____	_____	_____	_____

TDEC—Notification for Underground Storage Tanks

*Circles can be checked or filled in.

Tank Identification

1	1
A	

2	2
A	

3	3
A	

4	4
A	

5	5
A	

* EXISTING Tank (Mark All that Apply)

Double Walled	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank has been repaired	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Material of Construction

Asphalt Coated or Bare Steel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cathodically Protected Steel	Impressed Current	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Sacrificial Anodes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Lined Interior	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fiberglass Reinforced Plastic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Composite (Steel with Fiberglass or Urethane)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Polyethylene Tank Jacket	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Excavation Liner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unknown	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Piping (Mark All that Apply)

Piping has been repaired	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Double Walled	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Secondary Containment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Piping Type

Suction: no valve at tank	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Suction: valve at tank	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gravity Feed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Material of Construction

Bare Steel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cathodic Protection	Impressed Current	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Sacrificial Anodes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fiberglass Reinforced Plastic	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Copper	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unknown	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Flexible Piping

Flex Pipe Brand Type

Installation Year of Flex Piping

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Mark if meets the UL 971 July 1, 2005 standard (nonmetallic Piping Only)

TDEC—Notification for Underground Storage Tanks

- ⇒ Each tank compartment is required to have one of the release detection methods listed below, unless the tank is used solely as an emergency generator. Check or fill in the circle for all that apply.
 - If more than one method of release detection is being used, the Division of Underground Storage Tanks requires that each release detection method be performed in accordance with the Tennessee Petroleum Underground Storage Tank Regulation, and the applicable paperwork for each method be properly maintained and available for review.
 - Always use the same numbers and letters for tanks and compartments.
 - ⇒ The following must be available for each tank compartment, other records maybe required depending on method:
 - The most recent 12 months of release detection records specific to the method being used.
 - Documentation showing that the release detection method being used meets specific performance requirements, such as documents from manufacturer, vendor, or installer.
 - Release detection method be installed, calibrated, operated, and maintained according to the manufacturer's instructions.
 - ⇒ Automatic Tank Gauging refers to the method not the equipment being utilized.
 - ⇒ The Manual Tank Gauging Method can only be used by tanks that are under 1,000 gallons and meet the size requirements listed in the Tennessee Petroleum Underground Storage Tank Regulations.
 - ⇒ Inventory Control and Tank Tightness Method may only be used for ten years after installing a new UST or ten years after your existing tank was upgraded to meet corrosion protection requirements.
- If applicable please list Automatic Tank Gauge model or SIR vendor: _____

Tank Release Detection

	Inventory Control & Tank Tightness	Automatic Tank Gauging	Statistical Inventory Reconciliation (SIR)	Interstitial Monitoring	Manual Tank Gauging	Vapor Monitoring	Ground Water Monitoring	No Method Of Release Detection is Being Performed
Tank [] [] A	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank [] 2 A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank [] 3 A	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank [] 4 A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank [] 5 A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank [] [] []	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

TDEC—Notification for Underground Storage Tanks

- ⇒ Check or fill in the circle for the type of release detection used for each product piping line at this facility. Each line is required to use one of the following methods of release detection, unless the piping is suction and meets the exemption requirements.
 - If more than one method of release detection is being used, the Division of Underground Storage Tanks requires that each release detection method be performed in accordance with the Tennessee Petroleum Underground Storage Tank Regulations, and the applicable paperwork for each method be properly maintained and available for review.
 - Always use the same numbers and letters for tanks and compartments.
- ⇒ Pressurized piping must have a line leak detector and one of the following:
 - * Annual Line Tightness Test
 - * Monthly Groundwater Monitoring
 - * Monthly Interstitial Monitoring
 - * Monthly Vapor Monitoring
 - * Monthly SIR
- ⇒ Suction piping must have one of the following or meet the exemption criteria:
 - * Line Tightness Test Every 3 Years
 - * Monthly Vapor Monitoring
 - * Monthly Interstitial Monitoring
 - * No release detection is required if the piping is sloped so product will drain back to the tank when suction is lost, and there is only one check valve located as close as practical to the suction pump beneath the dispenser.

Piping Release Detection

	Line Tightness Testing		Monthly Electronic Line Leak Detector Test	Yearly Line Leak Detector Test	Interstitial Monitoring	Statistical Inventory Reconciliation (SIR)	Vapor Monitoring	Ground water Monitoring	This Line Does Not Require Release Detection	No Method Of Release Detection Is Being Performed
	Every Year	3 Year								
Tank 1 A	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank 2 A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank 3 A	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank 4 A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank 5 A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank 	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

TDEC—Notification for Underground Storage Tanks

This section must be completed for all new and upgraded tanks

Tank Identification Number	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">1</td><td style="width: 50%; text-align: center;">2</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	1	2	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">2</td><td style="width: 50%; text-align: center;">3</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	2	3	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">3</td><td style="width: 50%; text-align: center;">4</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	3	4	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">4</td><td style="width: 50%; text-align: center;">5</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	4	5	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">5</td><td style="width: 50%; text-align: center;"> </td></tr> <tr><td style="width: 50%; text-align: center;"> </td><td style="width: 50%; text-align: center;"> </td></tr> </table>	5			
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2	3																								
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3	4																								
A	A																								
4	5																								
A	A																								
5																									
Installation Information																									
Mark if installer was certified by tank and piping manufacturers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
Mark if installation was inspected by a registered engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
Mark if manufacturer's installation checklist has been completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			

***EXISTING Spill & Overfill Protection**
(Not required for tanks receiving 25 gallons or less)

<u>Mark the type of overfill device installed</u>						
Ball Float Valves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Shut off Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Mark if spill device is installed</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If a tank has been newly installed, the Installer's Oath on bottom of page 8 must be filled out and returned to the Division of Underground Storage Tanks.

Temporarily or Permanently Out of Service Tanks
(only fill out applicable sections)

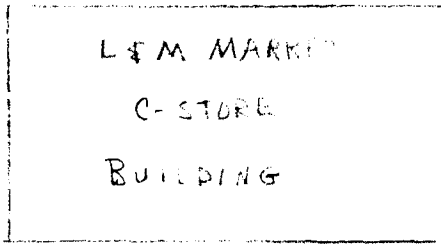
Tank Identification Number	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">1</td><td style="width: 50%; text-align: center;">2</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	1	2	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">2</td><td style="width: 50%; text-align: center;">3</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	2	3	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">3</td><td style="width: 50%; text-align: center;">4</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	3	4	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">4</td><td style="width: 50%; text-align: center;">5</td></tr> <tr><td style="width: 50%; text-align: center;">A</td><td style="width: 50%; text-align: center;">A</td></tr> </table>	4	5	A	A	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 50%; text-align: center;">5</td><td style="width: 50%; text-align: center;"> </td></tr> <tr><td style="width: 50%; text-align: center;"> </td><td style="width: 50%; text-align: center;"> </td></tr> </table>	5			
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Estimated date of last use (Month/Year)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;">8</td><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	8	11			<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;">8</td><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	8	11			<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;">8</td><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	8	11			<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>				
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8	11																								
Estimated date tank was removed or closed in ground *	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	11	11			<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	11	11			<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;">11</td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	11	11			<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>				
11	11																								
11	11																								
11	11																								
Mark if tank was removed from ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
Enter type of inert material used to fill tank	slurry concrete		slurry concrete		slurry concrete																				
Mark if site assessment was performed and date samples collected	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>				
Date release was suspected (Month/Year)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>				
Date release was confirmed (Month/Year)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td><td style="width: 25%; text-align: center;"> </td></tr> </table>				

Site Sketch

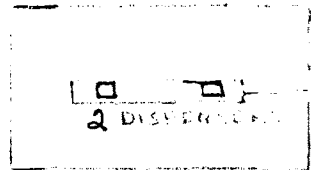
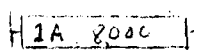
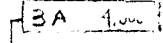
In the space below, sketch the facility (tanks, tank manway locations, vents, pump islands, buildings, etc.). Include tank sizes and type of product stored. Label streets or other landmarks. Show North if direction known.

Facility ID Number:

8-49 0129



2 TANKS
for
GASOLINE



TRENCH
30'

EASTLAND AVE.

Notes

TDEC—Notification for Underground Storage Tanks

Tank Owner's Signature

I certify all information provided in this document is true to the best of my belief and knowledge.

X PANNA PATEL

Print Name or Company Name

X P. P. Patel
Signature

1 2 1 0 1 1

Date

Property Owner's Signature

PANNA PATEL

Print Name or Company Name

Signature

1 2 1 0 1 1

Date

Designated Operator's Information & Signature

Print Name or Company Name

Signature

Signature grid

Date

Date grid

Phone Number

Phone Number grid

Mailing Address

Mailing Address grid

City

City grid

State

State grid

Zip Code

Zip Code grid

Zip Code grid

Installer's Oath

Oath: I certify the information concerning installation that is provided on page 7 is true to the best of my belief.

Printed Name

Printed Name line

Company

Company line

Signature

Signature line

Position

Position line

Date grid

Date



TEC Environmental Laboratories, Inc.

2269 Dr. F. E. Wright Drive
Jackson, Tennessee 38305

Phone # (731) 423-5330
Fax # (731) 423-5326

Judy Hayes
Hayes & Sons Construction
820 Stegall Road
Lexington, TN 38351

TEL: (731) 968-8540
FAX (731) 967-0866

RE: L&M Market

Dear Judy Hayes:

Order No.: 11112104

TEC Environmental Laboratories, Inc. received 3 samples on 11/21/2011 for the analyses presented in the following report.

As always we appreciate your business and are pleased to be of service to you.

If you should have any questions, please feel free to call.

Sincerely,

Billie Haynes



TEC Environmental Laboratories, Inc.

Date: 29-Nov-11

CLIENT: Hayes & Sons Construction
 Lab Order: 11112104
 Client Sample ID: #13 Trench
 Lab ID: 11112104-01

Facility ID: L&M Market
 Facility ID Number: 8-490129
 Collection Date: 11/18/2011
 Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/28/2011 2:02:00 PM
Surr: C-32	139	50-150	%REC	11/28/2011 2:02:00 PM
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00906	mg/Kg	11/21/2011 8:50:00 PM
Ethylbenzene	ND	0.00906	mg/Kg	11/21/2011 8:50:00 PM
M,P-Xylene	ND	0.0181	mg/Kg	11/21/2011 8:50:00 PM
MTBE	ND	0.00906	mg/Kg	11/21/2011 8:50:00 PM
Naphthalene	0.0334	0.00906	mg/Kg	11/21/2011 8:50:00 PM
O-Xylene	0.0106	0.00906	mg/Kg	11/21/2011 8:50:00 PM
Toluene	ND	0.00906	mg/Kg	11/21/2011 8:50:00 PM
Surr: 4-Bromofluorobenzene	114	50-150	%REC	11/21/2011 8:50:00 PM
Surr: Dibromofluoromethane	116	50-150	%REC	11/21/2011 8:50:00 PM
Surr: Toluene-d8	116	50-150	%REC	11/21/2011 8:50:00 PM

Reviewed By: _____

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

**TEC Environmental Laboratories, Inc.**

Date: 29-Nov-11

CLIENT: Hayes & Sons Construction
 Lab Order: 11112104
 Client Sample ID: #14 Dispenser
 Lab ID: 11112104-02

Facility ID: L&M Market
 Facility ID Number: 8-490129
 Collection Date: 11/18/2011
 Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/28/2011 2:38:00 PM
Surr: C-32	130	50-150	%REC	11/28/2011 2:38:00 PM
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00500	mg/Kg	11/21/2011 9:56:00 PM
Ethylbenzene	ND	0.00500	mg/Kg	11/21/2011 9:56:00 PM
M,P-Xylene	ND	0.00999	mg/Kg	11/21/2011 9:56:00 PM
MTBE	ND	0.00500	mg/Kg	11/21/2011 9:56:00 PM
Naphthalene	ND	0.00500	mg/Kg	11/21/2011 9:56:00 PM
O-Xylene	ND	0.00500	mg/Kg	11/21/2011 9:56:00 PM
Toluene	ND	0.00500	mg/Kg	11/21/2011 9:56:00 PM
Surr: 4-Bromofluorobenzene	112	50-150	%REC	11/21/2011 9:56:00 PM
Surr: Dibromofluoromethane	117	50-150	%REC	11/21/2011 9:56:00 PM
Surr: Toluene-d8	116	50-150	%REC	11/21/2011 9:56:00 PM

Reviewed By:

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 29-Nov-11

CLIENT: Hayes & Sons Construction
 Lab Order: 11112104
 Client Sample ID: #15 Dispenser
 Lab ID: 11112104-03

Facility ID: L&M Market
 Facility ID Number: 8-490129
 Collection Date: 11/18/2011
 Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/29/2011 10:27:00 AM
Surr: C-32	105	50-150	%REC	11/29/2011 10:27:00 AM
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00494	mg/Kg	11/21/2011 11:01:00 PM
Ethylbenzene	ND	0.00494	mg/Kg	11/21/2011 11:01:00 PM
M,P-Xylene	ND	0.00987	mg/Kg	11/21/2011 11:01:00 PM
MTBE	ND	0.00494	mg/Kg	11/21/2011 11:01:00 PM
Naphthalene	ND	0.00494	mg/Kg	11/21/2011 11:01:00 PM
O-Xylene	ND	0.00494	mg/Kg	11/21/2011 11:01:00 PM
Toluene	ND	0.00494	mg/Kg	11/21/2011 11:01:00 PM
Surr: 4-Bromofluorobenzene	111	50-150	%REC	11/21/2011 11:01:00 PM
Surr: Dibromofluoromethane	117	50-150	%REC	11/21/2011 11:01:00 PM
Surr: Toluene-d8	117	50-150	%REC	11/21/2011 11:01:00 PM

Reviewed By: _____

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

TEC Environmental Laboratories, Inc.

WORK ORDER Summary

21-Nov-11

Work Order 11112104

Client ID: HAYES CONSTRUCTION

Project: L&M Market

QC Level: STD

Comments: Facility ID # 8490129. Email results to phayes854@charter.net and also fax results first.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
11112104-01A	#13 Trench	11/18/2011	11/21/2011	12/5/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#13 Trench	11/18/2011	11/21/2011	12/5/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11112104-02A	#14 Dispenser	11/18/2011	11/21/2011	12/5/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#14 Dispenser	11/18/2011	11/21/2011	12/5/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11112104-03A	#15 Dispenser	11/18/2011	11/21/2011	12/5/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#15 Dispenser	11/18/2011	11/21/2011	12/5/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in



TEC Environmental Laboratories, Inc.

2269 Dr. F. E. Wright Drive
Jackson, Tennessee 38305

Phone # (731) 423-5330
Fax # (731) 423-5326

Judy Hayes
Hayes & Sons Construction
820 Stegall Road
Lexington, TN 38351

TEL: (731) 968-8540

FAX (731) 967-0866

RE: L&M Market

Dear Judy Hayes:

Order No.: 11111533

TEC Environmental Laboratories, Inc. received 12 samples on 11/15/2011 for the analyses presented in the following report.

As always we appreciate your business and are pleased to be of service to you.

If you should have any questions, please feel free to call.

Sincerely,

Billie Haynes



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #1 Tank Hole
Lab ID: 11111533-01

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	0.112	0.00493	mg/Kg	11/15/2011 4:07:00 PM
Ethylbenzene	0.0415	0.00493	mg/Kg	11/15/2011 4:07:00 PM
M,P-Xylene	0.109	0.00986	mg/Kg	11/15/2011 4:07:00 PM
MTBE	0.0204	0.00493	mg/Kg	11/15/2011 4:07:00 PM
Naphthalene	0.0138	0.00493	mg/Kg	11/15/2011 4:07:00 PM
O-Xylene	0.0523	0.00493	mg/Kg	11/15/2011 4:07:00 PM
Toluene	0.0810	0.00493	mg/Kg	11/15/2011 4:07:00 PM
Surr: 4-Bromofluorobenzene	106	50-150	%REC	11/15/2011 4:07:00 PM
Surr: Dibromofluoromethane	97.4	50-150	%REC	11/15/2011 4:07:00 PM
Surr: Toluene-d8	106	50-150	%REC	11/15/2011 4:07:00 PM

Billie J. Haynes

Reviewed By: _____

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #2 Tank Hole
Lab ID: 11111533-02

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	0.0954	0.00751	mg/Kg	11/16/2011 6:37:00 AM
Ethylbenzene	0.224	0.00751	mg/Kg	11/16/2011 6:37:00 AM
M,P-Xylene	1.07	0.0150	mg/Kg	11/16/2011 6:37:00 AM
MTBE	0.0120	0.00751	mg/Kg	11/16/2011 6:37:00 AM
Naphthalene	0.152	0.00751	mg/Kg	11/16/2011 6:37:00 AM
O-Xylene	0.557	0.00751	mg/Kg	11/16/2011 6:37:00 AM
Toluene	0.378	0.00751	mg/Kg	11/16/2011 6:37:00 AM
Surr: 4-Bromofluorobenzene	112	50-150	%REC	11/16/2011 6:37:00 AM
Surr: Dibromofluoromethane	106	50-150	%REC	11/16/2011 6:37:00 AM
Surr: Toluene-d8	114	50-150	%REC	11/16/2011 6:37:00 AM

Billie J. Haynes

Reviewed By: _____

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #3 Tank Hole
Lab ID: 11111533-03

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH				Analyst: TLM
EPH	70.2	4.00	mg/Kg	11/17/2011 2:59:00 PM
Surr: C-32	59.7	50-150	%REC	11/17/2011 2:59:00 PM
BTEX BY GC/MS				Analyst: TLM
		SW8260B		
Benzene	0.0248	0.0244	mg/Kg	11/16/2011 7:43:00 AM
Ethylbenzene	ND	0.0244	mg/Kg	11/16/2011 7:43:00 AM
M,P-Xylene	ND	0.0487	mg/Kg	11/16/2011 7:43:00 AM
MTBE	ND	0.0244	mg/Kg	11/16/2011 7:43:00 AM
Naphthalene	0.0777	0.0244	mg/Kg	11/16/2011 7:43:00 AM
O-Xylene	ND	0.0244	mg/Kg	11/16/2011 7:43:00 AM
Toluene	ND	0.0244	mg/Kg	11/16/2011 7:43:00 AM
Surr: 4-Bromofluorobenzene	113	50-150	%REC	11/16/2011 7:43:00 AM
Surr: Dibromofluoromethane	107	50-150	%REC	11/16/2011 7:43:00 AM
Surr: Toluene-d8	113	50-150	%REC	11/16/2011 7:43:00 AM

Reviewed By: _____

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #4 Tank Hole
Lab ID: 11111533-04

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	14.2	4.00	mg/Kg	11/17/2011 3:42:00 PM
Surr: C-32	143	50-150	%REC	11/17/2011 3:42:00 PM
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.0153	mg/Kg	11/16/2011 8:49:00 AM
Ethylbenzene	0.0309	0.0153	mg/Kg	11/16/2011 8:49:00 AM
M,P-Xylene	ND	0.0307	mg/Kg	11/16/2011 8:49:00 AM
MTBE	ND	0.0153	mg/Kg	11/16/2011 8:49:00 AM
Naphthalene	0.103	0.0153	mg/Kg	11/16/2011 8:49:00 AM
O-Xylene	ND	0.0153	mg/Kg	11/16/2011 8:49:00 AM
Toluene	ND	0.0153	mg/Kg	11/16/2011 8:49:00 AM
Surr: 4-Bromofluorobenzene	116	50-150	%REC	11/16/2011 8:49:00 AM
Surr: Dibromofluoromethane	105	50-150	%REC	11/16/2011 8:49:00 AM
Surr: Toluene-d8	106	50-150	%REC	11/16/2011 8:49:00 AM

Reviewed By:

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction

Facility ID: L&M Market

Lab Order: 11111533

Facility ID Number: 8-490129

Client Sample ID: #5 Tank Hole

Collection Date: 11/14/2011

Lab ID: 11111533-05

Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/18/2011 10:14:00 AM
Surr: C-32	137	50-150	%REC	11/18/2011 10:14:00 AM

Reviewed By: _____

Billie J. Haynes

Billie Haynes

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #6 Tank Hole
Lab ID: 11111533-06

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/18/2011 10:58:00 AM
Surr: C-32	91.1	50-150	%REC	11/18/2011 10:58:00 AM

Reviewed By:

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #7 Tank Hole
Lab ID: 11111533-07

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/18/2011 11:36:00 AM
Surr: C-32	76.0	50-150	%REC	11/18/2011 11:36:00 AM
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00493	mg/Kg	11/16/2011 9:54:00 AM
Ethylbenzene	ND	0.00493	mg/Kg	11/16/2011 9:54:00 AM
M,P-Xylene	ND	0.00986	mg/Kg	11/16/2011 9:54:00 AM
MTBE	ND	0.00493	mg/Kg	11/16/2011 9:54:00 AM
Naphthalene	ND	0.00493	mg/Kg	11/16/2011 9:54:00 AM
O-Xylene	ND	0.00493	mg/Kg	11/16/2011 9:54:00 AM
Toluene	ND	0.00493	mg/Kg	11/16/2011 9:54:00 AM
Surr: 4-Bromofluorobenzene	108	50-150	%REC	11/16/2011 9:54:00 AM
Surr: Dibromofluoromethane	110	50-150	%REC	11/16/2011 9:54:00 AM
Surr: Toluene-d8	116	50-150	%REC	11/16/2011 9:54:00 AM

Reviewed By: _____

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #8 Tank Hole
Lab ID: 11111533-08

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	23.3	4.00	mg/Kg	11/18/2011 12:13:00 PM
Surr: C-32	111	50-150	%REC	11/18/2011 12:13:00 PM
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00858	mg/Kg	11/16/2011 11:00:00 AM
Ethylbenzene	ND	0.00858	mg/Kg	11/16/2011 11:00:00 AM
M,P-Xylene	ND	0.0172	mg/Kg	11/16/2011 11:00:00 AM
MTBE	ND	0.00858	mg/Kg	11/16/2011 11:00:00 AM
Naphthalene	0.131	0.00858	mg/Kg	11/16/2011 11:00:00 AM
O-Xylene	ND	0.00858	mg/Kg	11/16/2011 11:00:00 AM
Toluene	ND	0.00858	mg/Kg	11/16/2011 11:00:00 AM
Surr: 4-Bromofluorobenzene	124	50-150	%REC	11/16/2011 11:00:00 AM
Surr: Dibromofluoromethane	101	50-150	%REC	11/16/2011 11:00:00 AM
Surr: Toluene-d8	112	50-150	%REC	11/16/2011 11:00:00 AM

Reviewed By:

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #9 Tank Hole
Lab ID: 11111533-09

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00498	mg/Kg	11/16/2011 12:05:00 PM
Ethylbenzene	ND	0.00498	mg/Kg	11/16/2011 12:05:00 PM
M,P-Xylene	ND	0.00995	mg/Kg	11/16/2011 12:05:00 PM
MTBE	ND	0.00498	mg/Kg	11/16/2011 12:05:00 PM
Naphthalene	ND	0.00498	mg/Kg	11/16/2011 12:05:00 PM
O-Xylene	ND	0.00498	mg/Kg	11/16/2011 12:05:00 PM
Toluene	ND	0.00498	mg/Kg	11/16/2011 12:05:00 PM
Surr: 4-Bromofluorobenzene	103	50-150	%REC	11/16/2011 12:05:00 PM
Surr: Dibromofluoromethane	106	50-150	%REC	11/16/2011 12:05:00 PM
Surr: Toluene-d8	114	50-150	%REC	11/16/2011 12:05:00 PM

Reviewed By:

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #10 Tank Hole
Lab ID: 11111533-10

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
BTEX BY GC/MS		SW8260B		Analyst: TLM
Benzene	ND	0.00498	mg/Kg	11/16/2011 1:11:00 PM
Ethylbenzene	ND	0.00498	mg/Kg	11/16/2011 1:11:00 PM
M,P-Xylene	ND	0.00996	mg/Kg	11/16/2011 1:11:00 PM
MTBE	ND	0.00498	mg/Kg	11/16/2011 1:11:00 PM
Naphthalene	ND	0.00498	mg/Kg	11/16/2011 1:11:00 PM
O-Xylene	ND	0.00498	mg/Kg	11/16/2011 1:11:00 PM
Toluene	ND	0.00498	mg/Kg	11/16/2011 1:11:00 PM
Surr: 4-Bromofluorobenzene	104	50-150	%REC	11/16/2011 1:11:00 PM
Surr: Dibromofluoromethane	105	50-150	%REC	11/16/2011 1:11:00 PM
Surr: Toluene-d8	112	50-150	%REC	11/16/2011 1:11:00 PM

Reviewed By:

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #11 K-1 Disp
Lab ID: 11111533-11

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	5.06	4.00	mg/Kg	11/18/2011 12:51:00 PM
Surr: C-32	106	50-150	%REC	11/18/2011 12:51:00 PM

Reviewed By:

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



TEC Environmental Laboratories, Inc.

Date: 21-Nov-11

CLIENT: Hayes & Sons Construction
Lab Order: 11111533
Client Sample ID: #12 K1- Disp
Lab ID: 11111533-12

Facility ID: L&M Market
Facility ID Number: 8-490129
Collection Date: 11/14/2011
Matrix: SOIL

Analyses	Result	Limit	Units	Date Analyzed
TDEC EPH		TDEC EPH		Analyst: TLM
EPH	ND	4.00	mg/Kg	11/18/2011 1:33:00 PM
Surr: C-32	101	50-150	%REC	11/18/2011 1:33:00 PM

Reviewed By: _____

Billie J. Haynes

Billie Haynes

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

TEC Environmental Laboratories, Inc.

WORK ORDER Summary

15-Nov-11

Work Order 11111533

Client ID: HAYES CONSTRUCTION

Project: L&M Market

QC Level: STD

Comments: Facility ID # 8-490129

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
11111533-01A	#1 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-02A	#2 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-03A	#3 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#3 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-04A	#4 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#4 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-05A	#5 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-06A	#6 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-07A	#7 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#7 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-08A	#8 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
	#8 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-09A	#9 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-10A	#10 Tank Hole	11/14/2011	11/15/2011	11/29/2011	Soil	BTEX_S-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-11A	#11 K-1 Disp	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in
11111533-12A	#12 K1- Disp	11/14/2011	11/15/2011	11/29/2011	Soil	EPH_S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walk-in

TEC ENVIRONMENTAL LABORATORIES

2269 Dr. F. E. Wright Drive
Jackson, TN 38305

(800) 832-1808
(731) 423-5330
FAX (731) 423-5326

CLIENT NAME: Hayes & Sons Construction			FACILITY NAME: <u>L&M Market</u>			LOCATION: <u>Ripley</u>			
ADDRESS: 820 Stegall Rd.			FACILITY I.D. # <u>8-490129</u>			OTHER:			
Lexington TN 38351			RUSH?	Notify Lab in Advance	CLIENT #	ANALYSES REQUESTED			
Phone: 731-968-8540 Judy Hayes			<24hr	Notify Lab in Advance	DATE NEEDED:				
Fax: 731-967-0866			24-48	Notify Lab in Advance					
COLLECTED BY: <u>DAVID HAYES</u>			48-78	Notify Lab in Advance	FAX? <u>No</u> <input checked="" type="checkbox"/> Yes				
POSSIBLE SAMPLE HAZARDS:						BTEX (EPA 5030/8240)	EPH		
# OF CONT.	SAMPLE DESCRIPTION/LOCATIO	DATE	TIME	TYPE COMP GRAB	MATRIX*			PRESERVATIVE	
1	Tank Hole	11-14-11	3:00		X SOIL				X
2	↓	↓	↓	↓	↓			↓	X
3									X
4									X
5									X
6									X
7									X
8									X
9									X
10									X
11						K-1 DISP	11-14-11		3:00
12	K-1 DISP	11-14-11	3:00	X	X		X		
*Matrix SS - Soil GW - Groundwater TW - Treated Water			BILL TO: Hayes & Sons Const.			SHIPPED VIA:			
Email results to:			820 Stegall Rd.			UPS <input type="checkbox"/> CLIENT VEHICLE <input type="checkbox"/>			
Special Instructions: <u>phayes8540@charter.net</u>			Lexington TN 38351			FEDX <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/>			
Also Fax results first.			REPORT TO: Judy Hayes			OTHER <input type="checkbox"/> COOLER #: <input type="checkbox"/>			
RELINQUISHED BY:		DATE:	TIME:	RECEIVED BY:		SAMPLES RETURNED VIA:		Condition: (lab use only)	
<u>David Hayes</u>		11-15-11	2:10			UPS <input type="checkbox"/> CLIENT VEHICLE <input checked="" type="checkbox"/>			
						FEDX <input type="checkbox"/> LAB VEHICLE <input type="checkbox"/>			
RELINQUISHED BY:		DATE:	TIME:	RECEIVED BY:		TEMP: <u>FREEZER</u>		Bottles Received: <u>12</u>	
						<u>16</u>			
RELINQUISHED BY:		DATE:	TIME:	RECEIVED FOR LAB BY:		DATE:	TIME:	pH	
				<u>K. Schmidt</u>		11-15-11	14:00		



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
JACKSON ENVIRONMENTAL FIELD OFFICE
1625 HOLLYWOOD DRIVE
JACKSON, TENNESSEE 38305-4316
PHONE (731) 512-1300 STATEWIDE 1-888-891-8332 FAX (731) 661-6283

August 11, 2011

Mr. Ricky Patel
Ripley Investment, Inc.
310 Eastland Avenue
Ripley, Tennessee 38063

RE: Permanent Closure Application – **Approved**
L & M Market
310 Eastland Avenue
Ripley, Lauderdale County, Tennessee
Facility ID # 8-490129

Dear Mr. Patel:

The Division of Underground Storage Tanks (Division) has approved the Application for Permanent Closure of Underground Storage Tank Systems received on August 4, 2011 for the # 2A 6000 gallon gas, #4A 2000 gallon kerosene and # 5A 2000 gallon kerosene tanks located at the above referenced facility. Enclosed is a copy of the approved application. This copy must be kept at the site during all closure activities.

This office must be notified at least one working day in advance of any major field activities.

If a subsequent release is identified during closure procedures, then the following initial response actions shall be performed as required by rule 1200-1-15-.06(3), which states in part:

- “(a) Report the release to the division within seventy-two (72) hours (for example, by telephone, facsimile machine or electronic mail);
- (b) Take immediate actions to prevent any further release of the petroleum into the environment including, but not limited to:
 1. Removing as much of the petroleum from the UST system as is necessary to prevent any further release;

2. Taking the UST system out of service until piping or ancillary equipment associated with the release are replaced or repaired; and/or
 3. Preventing the placing of petroleum product into the leaking UST system;
- (c) Take immediate action to identify fire, explosion, and/or vapor hazards. Report and manage any hazards identified in accordance with paragraph (4) of this rule;
 - (d) Visually inspect any aboveground releases or exposed belowground releases and prevent further migration of the petroleum into surrounding soils and/or ground water; and
 - (e) Perform a water use survey in accordance with guidance provided by the division. All drinking water supplies, including both wells and springs, located within one-tenth (0.1) mile of the petroleum site shall be investigated and sampled for the presence of a release. The division may require additional investigation and sampling of drinking water supplies in the area, based on hydro-geological conditions or other physical characteristics in the area. Impacted drinking water shall be reported in accordance with subparagraph (4)(a) of this rule and addressed as required in part (4)(b)1. of this rule.”

All Fund eligible work shall be conducted and/or overseen by an UST Approved Corrective Action Contractor.

T.C.A. 68-215-111(e) states:

- “(5) If there is evidence of a suspected or a confirmed release on or after July 1, 2004, in order for the tank owner, tank operator, or petroleum site owner to receive reimbursement from the fund, an Application for Fund Eligibility shall be filed:
- (A) Within ninety (90) days of the discovery of evidence of a suspected release which is subsequently confirmed in accordance with the rules promulgated pursuant to this part; or
 - (B) Within sixty (60) days of a release which was identified in any manner other than the process for confirmation of a suspected release stated in the rules promulgated pursuant to this part.

The tank owner or tank operator shall send notification to the petroleum site owner by certified mail, return receipt requested, within seven (7) days of confirmation of a

Mr. Patel
Ripley Investment, Inc.
Facility ID # 8-490129
August 11, 2011
Page 3

release. Failure to comply with this applicable deadline of subdivision (e)(5)(A) or (e)(5)(B) shall make the release ineligible for reimbursement from the fund.”

The Application for Fund Eligibility must be completed and submitted to the Nashville Central Office if there is evidence of a subsequent suspected or confirmed release.

Ripley Investment, Inc. shall comply with all applicable federal, state, and local requirements during tank closure activities, including treatment and disposal of contaminated soil and/or ground water. For information regarding sampling of excavated petroleum contaminated soil, refer to Technical Guidance Document-005. For information regarding the treatment of petroleum contaminated soil, refer to Technical Guidance Document-009. A Permanent Closure Report for Underground Storage Tank Systems must be completed and submitted to this field office by **November 11, 2011**. Original or carbon copies of the analytical results are required; photocopies will **NOT** be accepted.

Before the closure of the UST system can be considered complete, an amended UST Notification Form must be completed, signed, and submitted to the UST Central Office in Nashville. Failure to properly submit the form may result in the assessment of additional UST fees. To assist in properly completing the Notification Form, the following instructions should be followed:

1. If tanks are being removed and no additional tanks are being installed, then complete only Pages 1, 2, 3, 7 and 9. The tank identification numbers should correspond with the numbers for these tanks on the previous Notification Form.
2. If additional tanks are to be installed at this facility, then the entire form must be completed. The identification numbers for the new tanks must be different from the numbers of the tanks which were removed (e.g., Tanks 1, 2, and 3 were removed, Tanks 4, 5, and 6 are to be installed).

All forms and guidance are available at www.state.tn.us/environment/ust.

If you have any questions concerning this correspondence, call (731) 512-1335.

Sincerely,



Robert T. Strong
Division of Underground Storage Tanks

Enclosure: Approved Closure Application (copy)

Mr. Patel
Ripley Investment, Inc.
Facility ID # 8-490129
August 11, 2011
Page 4

c: Paul Hayes – Hayes & Son Construction
Jackson EFO Closure File # 8-490116

FO-023 -82008 FINAL

RECEIVED
AUG 04 2011
JACKSON E.A.C



**DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF UNDERGROUND STORAGE TANKS**

**APPLICATION FOR PERMANENT CLOSURE OF UNDERGROUND STORAGE TANK (UST)
SYSTEMS**

The underground storage tank system tank owner/operator shall complete and submit an original application to the appropriate Division of Underground Storage Tanks (division) Environmental Field Office (EFO) for approval 30 days prior to closing any underground portion of an UST system. T.C.A. §68-215-114(b) states that the tank owner/operator shall be liable to the state for costs of investigation, identification, containment and cleanup, including monitoring and maintenance.

A copy of the approved application shall be on the premises during closure of any portion of the UST system.

For UST systems that meet current compliance standards, the application is valid for twelve months from the approval date. The approved application is non-transferable. If ownership of the UST system changes prior to closure, then a properly completed amended notification form and a new application for permanent closure shall be submitted for division approval.

Date 7-25-11 Facility I.D. Number: 8-490129

- Proposed date of UST system closure ASAP
- Name of Facility: L & M Market
Street Address (No P.O. Boxes): 310 Eastland Ave
City: Ripley, TN Zip Code: 38063
Phone Number: (731) 413-4331 County: Lauderdale
On-site Contact (Operator): Ricky Patel

FOR STATE USE: DO NOT WRITE IN THIS AREA	
REVIEW DATE: <u>8/11/11</u>	APPROVED BY: <u>ROBERT STRONG</u>
EXPIRATION DATE: <u>8/11/12</u>	APPROVAL DATE: <u>8/11/11</u>

APPLICATION FOR PERMANENT CLOSURE OF UST SYSTEMS

3. Name of Tank Owner/Operator: Ripley Investment, Inc.
 Mailing Address: 310 Eastland Ave
 City: Ripley, State: TN Zip Code: 38063
 Phone Number: (731) 413-4331 Contact person: Ricky Patel

4. Current use of this property. Mark appropriate box: Commercial Residential

5. Is there a residence within 500 feet of the UST system? Yes No

6. Soil samples shall be collected in accordance with the table below. The current UST Closure Assessment Guidelines shall be followed to determine the appropriate number, location, and depth of required samples. Laboratory analyses are based on the type of product stored. Mark all the following that apply:

If closing chemical tanks, then contact the Division of Solid and Hazardous Waste Management at (615) 532-0780.

Product Stored	Sample for	Product Stored	Sample for
<input checked="" type="checkbox"/> Gasoline	Benzene Ethylbenzene Toluene Total Xylenes MtBE Naphthalene	<input type="checkbox"/> Waste Oil <input type="checkbox"/> Used Oil	Naphthalene EPH
<input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Jet Fuel <input type="checkbox"/> Kerosene <input type="checkbox"/> Aviation Fuel	Benzene Ethylbenzene Toluene Total Xylenes MtBE Naphthalene EPH	<input type="checkbox"/> Unknown	Benzene Ethylbenzene Toluene Total Xylenes MtBE Naphthalene EPH

Method 8260B shall be used to analyze for Benzene, Ethylbenzene, Toluene, Total Xylenes, MtBE, and Naphthalene
 Tennessee Extractable Petroleum Hydrocarbons (EPH) Method shall be used to analyze for EPH

7. Number of tanks registered at this facility: 5

APPLICATION FOR PERMANENT CLOSURE OF UST SYSTEMS

8. For all tanks to be closed, list the tank number (in accordance with the annual operating certificate), capacity, contents, primary use and date last used. Attach an additional sheet if more than six (6) tanks are to be closed.

<u>Tank Number</u>	<u>Capacity (gallons)</u>	<u>Contents (past and present)</u>	<u>Usage*</u>	<u>Date Last Used**</u>
2A	6,000	Gas	Retail	8/11
4A	2,000	Kerosene	"	8/11
5A	2,000	Kerosene	"	8/11

* Retail, Commercial, Heating oil, Emergency generator, Residential, Farm, Other (please specify)

** Last date tank contained 1 inch or less of product

Type of closure: Removal *** Closure-in-Place (Inert material selected slurry concrete)

*** If the tank owner/operator is not the property owner, then a notarized approval statement from the property owner shall be included with this application. The statement shall include the facility address, tax map number, and parcel number.

9. For all dispensers to be closed, list the dispenser number, product(s) dispensed, and date last used. Attach an additional sheet if more than six (6) dispensers are to be closed.

<u>Dispenser Number</u>	<u>Product(s) Dispensed</u>	<u>Date Last Used</u>
#1	Diesel	8/11
#2	Gasoline	8/11
#3	"	8/11
#4	"	8/11
#5	Kerosene	8/11

Type of closure: Removal Closure-in-Place

APPLICATION FOR PERMANENT CLOSURE OF UST SYSTEMS

10. If more than one product line trench is present, then all trenches shall be numbered. For all product lines to be closed, list the trench number, trench length (in feet based upon field measurements between tanks and dispensers, as well as, between dispenser islands), identify the product distributed through each line, and identify piping material and type. Attach an additional sheet if more than six (6) product lines are to be closed.

<u>Trench Number</u>	<u>Trench Length</u>	<u>Product Distributed</u>	<u>Piping Material*</u>	<u>Type**</u>
#1	30'	Gas & Diesel	Unknown	

(List all that apply)

* Steel = ST	Flexible Hose = FLEX	Fiberglass = FRP
** Single Wall - SW	Double Wall = DW	

Type of closure: Removal _____ Closure-in-Place _____

11. Name of laboratory: TEC LAB - JACKSON, TN

12. Company/Person performing the UST system closure: Hayes & Sons Const LP

Phone number: (731) 968-8540

13. Company/Person obtaining soil/ground water tankhold samples: Hayes & Sons Const LP

Phone number: (731) 968-8540

14. All excavated material remaining on the site of generation or on a site owned by the generator or subsidiary of the generator shall be placed on plastic, covered with plastic, and bermed. If practical, then the material should be segregated according to soil conditions. Proper screening and sampling of the excavated material in accordance with Technical Guidance Document - 005 shall be completed to determine if soil treatment will be necessary. All excavated material shall be considered contaminated until laboratory sample analyses indicate the material is below the Initial Screening Levels (ISLs). All excavations shall be backfilled with material containing petroleum levels below the ISLs.

Give the location/address where contaminated soil will be stockpiled:

Name of Facility/Property Owner: On Site

Address: _____

If petroleum contaminated material is to be managed in accordance with Technical Guidance Document-009, then the appropriate Application to Treat Petroleum Contaminated Soil shall be completed and submitted to the appropriate EFO for prior approval. If the contaminated material is to be treated on a site owned by a Third Party, then contact the Tennessee Division of Solid and Hazardous Waste Management for approval.

APPLICATION FOR PERMANENT CLOSURE OF UST SYSTEMS

15. Describe how the contaminated soil will be treated, if applicable: AREATED

16. Give the location/address where the contaminated soil will be treated, if applicable:

Name of Facility/ Property Owner: ON site

Address: _____

Current use of this property. Mark appropriate box: Commercial Residential

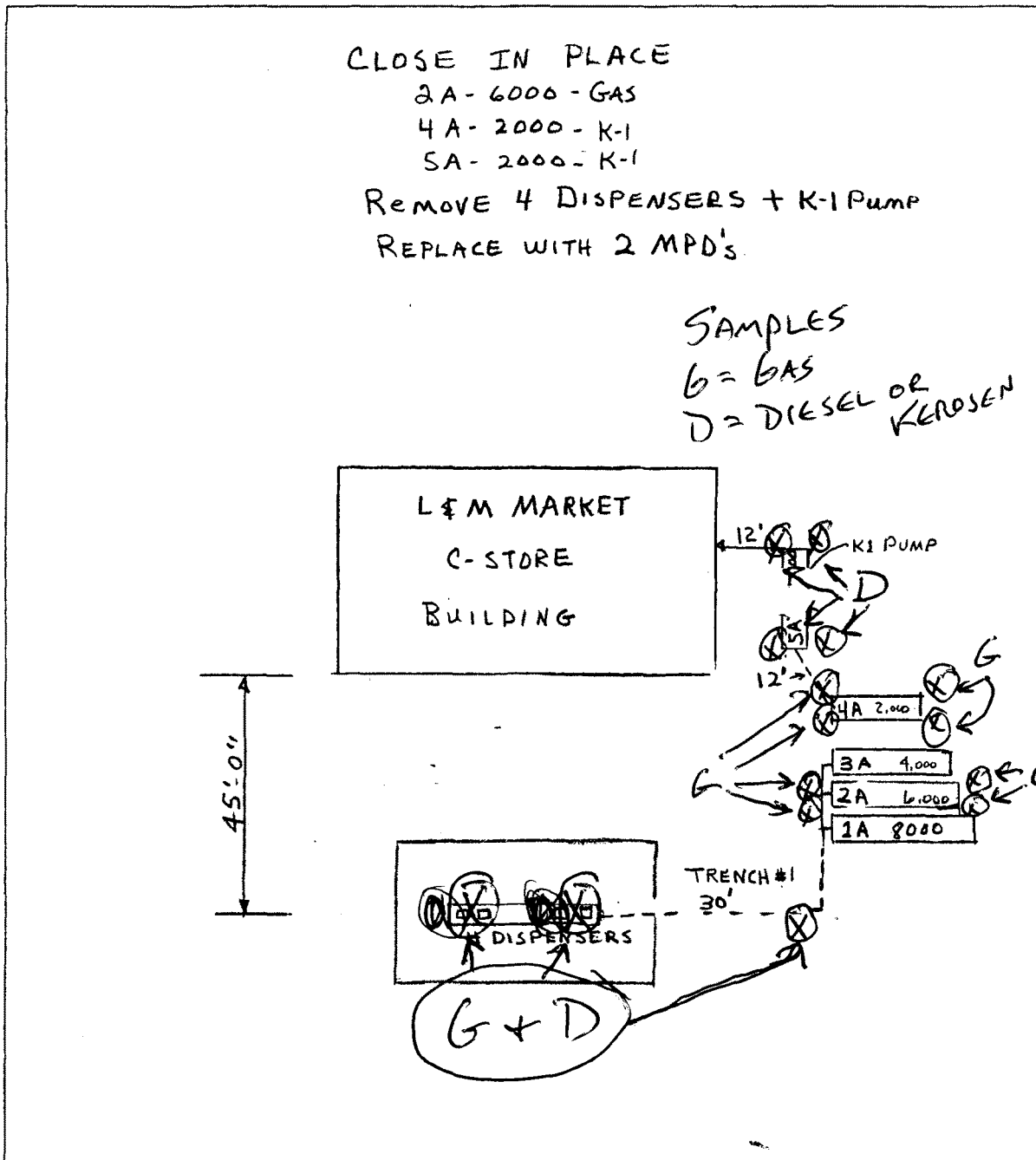
17. Describe where and how all water with contaminant concentrations greater than the applicable ISLs will be treated and disposed, if applicable:

According to Divisions Standards.

If water is encountered, then samples shall be collected and analyzed in accordance with the current UST Closure Assessment Guidelines. A maximum of 500 gallons can be removed and properly managed without notifying the division. If more than 500 gallons of water is encountered, then UST personnel at the appropriate EFO shall be contacted.

APPLICATION FOR PERMANENT CLOSURE OF UST SYSTEMS

18. A site map shall be provided depicting on-site buildings, the location of the underground storage tanks, associated product lines and dispensers, sampling points, underground utilities, surface water within 200 feet of the site, and property lines. Identify the nearest intersecting roads. All tanks, line trenches, and dispensers shall be numbered in accordance with numbers 8, 9, and 10, above. A permanent fixed point must be identified and a distance from the fixed point to the UST system(s) shall be provided. The site map shall include a north arrow. THE APPLICATION WILL NOT BE PROCESSED WITHOUT THE SITE MAP.



APPLICATION FOR PERMANENT CLOSURE OF UST SYSTEMS

I, (print) HEMANA PATEL, Tank Owner/Operator for the petroleum UST system(s) at this facility, agree to submit, within 60 days of collecting the samples, the analytical results for the UST system closure. I am aware of and understand the requirements for permanent closure of regulated petroleum underground storage tanks and what my responsibilities are under the law. I will resolve all environmental problems resulting from a release from the UST system(s) at this site.

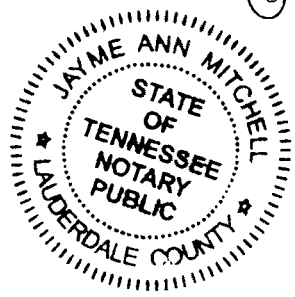
I certify under penalty of law, including but not limited to penalties for perjury, that the information contained in this form and on any attachments is true, accurate and complete to the best of my knowledge, information and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for intentional violations.

HEMANA PATEL [Signature] 7/18/11
UST System Tank Owner/Operator Signature Date
(Print name)



STATE OF Tennessee COUNTY OF Lauderdale

Sworn to and subscribed before me by Hemang Patel on this date
7-18-11 My commission expires 9/20/2014

Jayne Ann Mitchell [Signature] 7-18-11
Notary Public (Print name) Signature Date

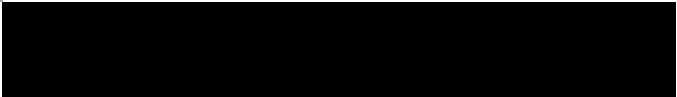


Stamp/Seal



B

Appendix B – Historical Aerial Photographs





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SR Ripley II

Ripley

Ripley, TN 38063

Inquiry Number: 7483365.8

October 30, 2023

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

10/30/23

Site Name:

SR Ripley II
Ripley
Ripley, TN 38063
EDR Inquiry # 7483365.8

Client Name:

HDR
750 Old Hickory Blvd., Building 1, Suite 2
Brentwood, TN 37027
Contact: Ethan Lawton



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>
2018	1"=500'	Flight Year: 2018	USDA/NAIP
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
1998	1"=500'	Acquisition Date: March 12, 1998	USGS/DOQQ
1992	1"=500'	Flight Date: March 07, 1992	USGS
1985	1"=500'	Flight Date: March 18, 1985	USDA
1975	1"=500'	Flight Date: May 04, 1975	USGS
1971	1"=500'	Flight Date: March 29, 1971	USGS
1952	1"=500'	Flight Date: November 12, 1952	USGS

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

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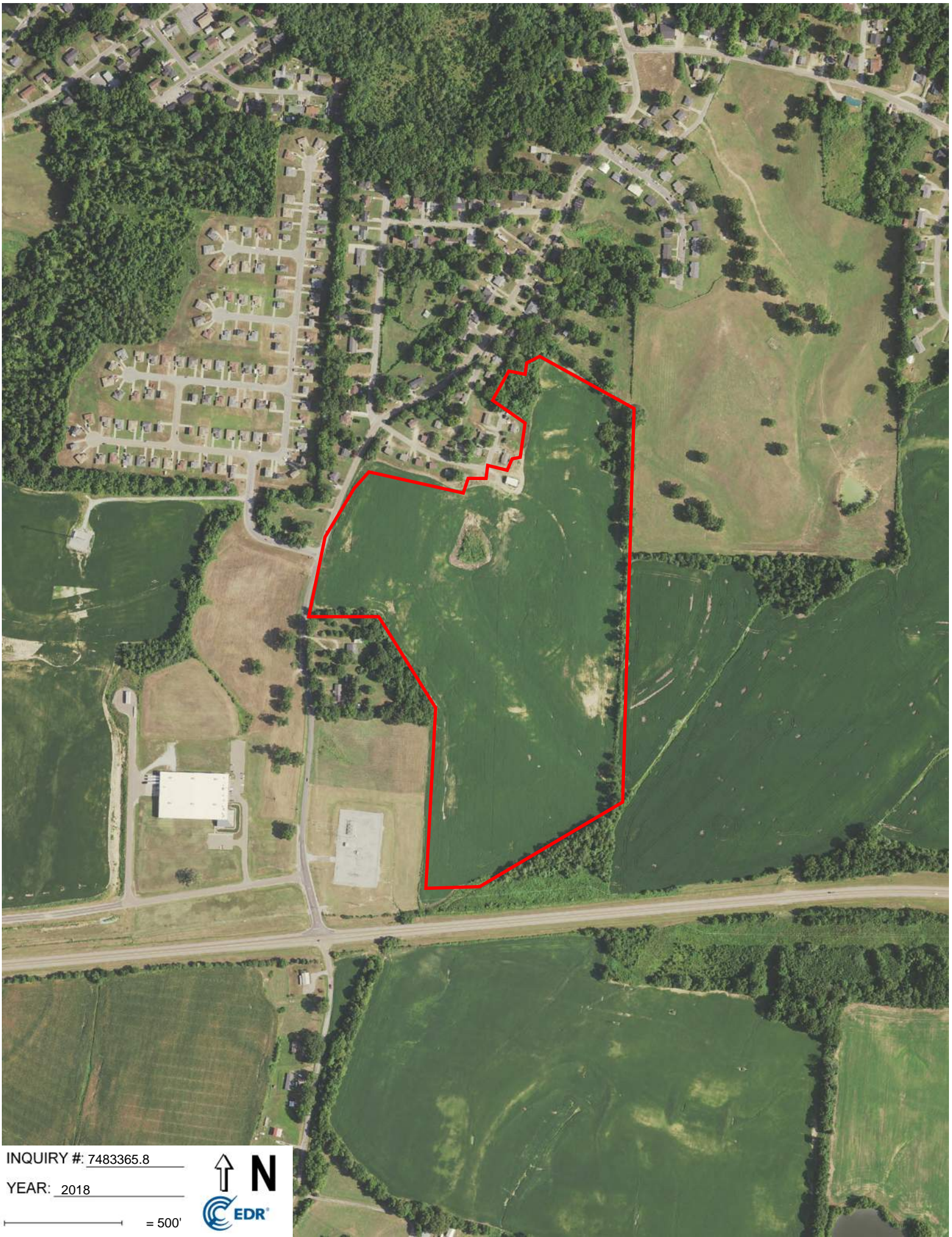
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INQUIRY #: 7483365.8

YEAR: 2018

— = 500'





INQUIRY #: 7483365.8

YEAR: 2014

— = 500'





INQUIRY #: 7483365.8

YEAR: 2010

— = 500'





INQUIRY #: 7483365.8

YEAR: 2007

— = 500'





INQUIRY #: 7483365.8

YEAR: 1998

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



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YEAR: 1992

 = 500'





INQUIRY #: 7483365.8

YEAR: 1985

 = 500'



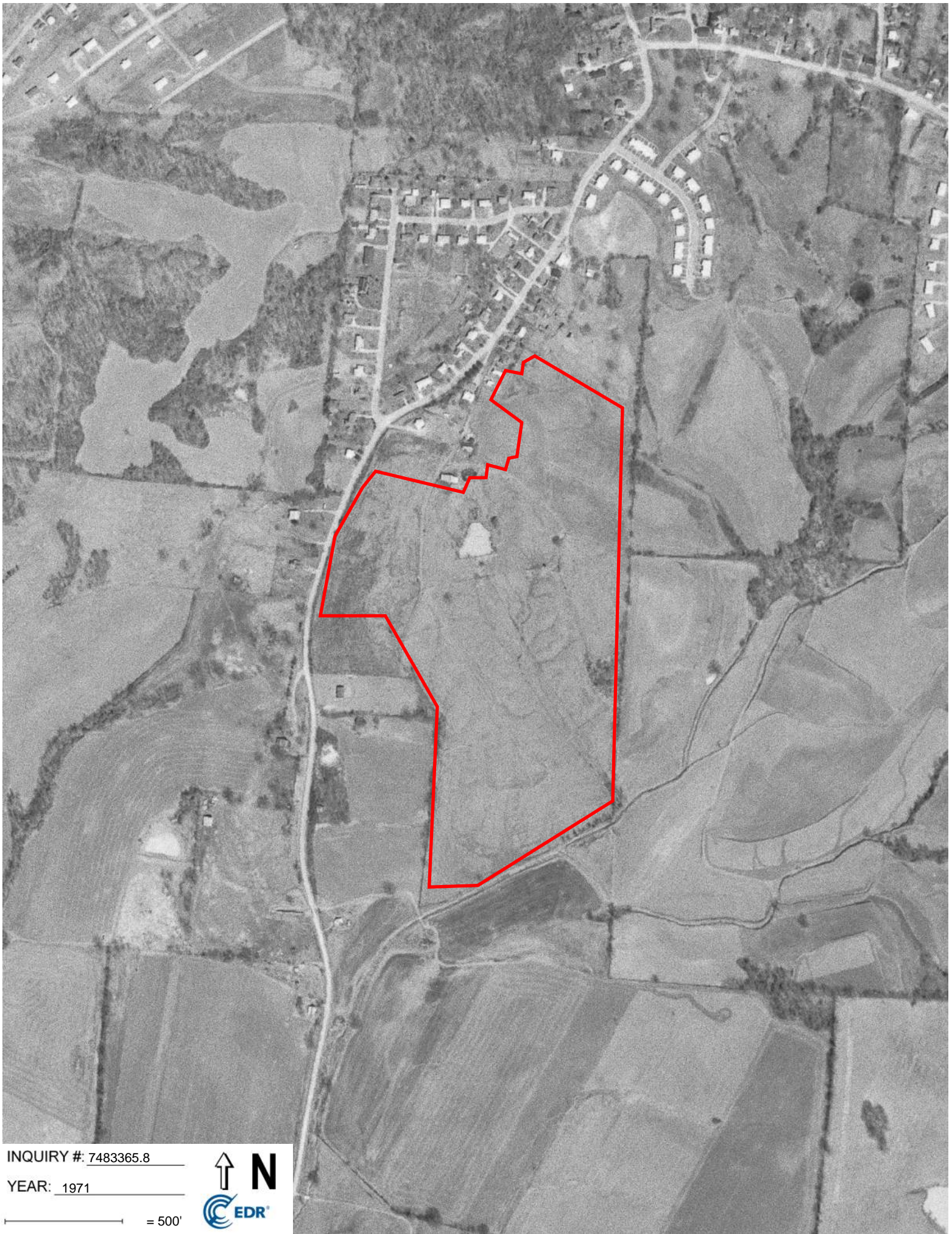


INQUIRY # 7483365.8

YEAR: 1975

— = 500'





INQUIRY #: 7483365.8

YEAR: 1971

 = 500'





INQUIRY #: 7483365.8

YEAR: 1952

 = 500'





Appendix C – Historical
Topographic Map Report



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SR Ripley II

Ripley

Ripley, TN 38063

Inquiry Number: 7483365.4

October 30, 2023

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

10/30/23

Site Name:

SR Ripley II
Ripley
Ripley, TN 38063
EDR Inquiry # 7483365.4

Client Name:

HDR
750 Old Hickory Blvd., Building 1, Suite 201
Brentwood, TN 37027
Contact: Ethan Lawton



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by HDR 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.#	10351685	Latitude:	35.728309 35° 43' 42" North
Project:	SR Ripley II	Longitude:	-89.525115 -89° 31' 30" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	271615.62
		UTM Y Meters:	3956754.51
		Elevation:	398.61' above sea level

Maps Provided:

2019 1935, 1939, 1940
2016
2013
1981, 1983
1977
1972
1962
1961

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Topo Sheet Key

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

2019 Source Sheets



Ripley South
2019
7.5-minute, 24000



Durhamville
2019
7.5-minute, 24000



Ripley North
2019
7.5-minute, 24000



Gates
2019
7.5-minute, 24000

2016 Source Sheets



Ripley South
2016
7.5-minute, 24000



Durhamville
2016
7.5-minute, 24000



Ripley North
2016
7.5-minute, 24000



Gates
2016
7.5-minute, 24000

2013 Source Sheets



Ripley South
2013
7.5-minute, 24000



Durhamville
2013
7.5-minute, 24000



Ripley North
2013
7.5-minute, 24000



Gates
2013
7.5-minute, 24000

1981, 1983 Source Sheets



Durhamville
1981
7.5-minute, 24000
Aerial Photo Revised 1975



Gates
1981
7.5-minute, 24000
Aerial Photo Revised 1975



Gates
1983
7.5-minute, 24000
Aerial Photo Revised 1981



Ripley South
1983
7.5-minute, 24000
Aerial Photo Revised 1981

Topo Sheet Key

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

1977 Source Sheets



Hales Point
1977
15-minute, 62500
Aerial Photo Revised 1971



Rialto
1977
15-minute, 62500
Aerial Photo Revised 1971

1972 Source Sheets



Ripley North
1972
7.5-minute, 24000
Aerial Photo Revised 1971



Ripley South
1972
7.5-minute, 24000
Aerial Photo Revised 1971

1962 Source Sheets



Rialto
1962
15-minute, 62500
Aerial Photo Revised 1960



Hales Point
1962
15-minute, 62500
Aerial Photo Revised 1960



HALLS
1962
15-minute, 62500

1961 Source Sheets



Rialto
1961
15-minute, 62500
Aerial Photo Revised 1960



Hales Point
1961
15-minute, 62500
Aerial Photo Revised 1960



Halls
1961
15-minute, 62500
Aerial Photo Revised 1961

Topo Sheet Key

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

1935, 1939, 1940 Source Sheets



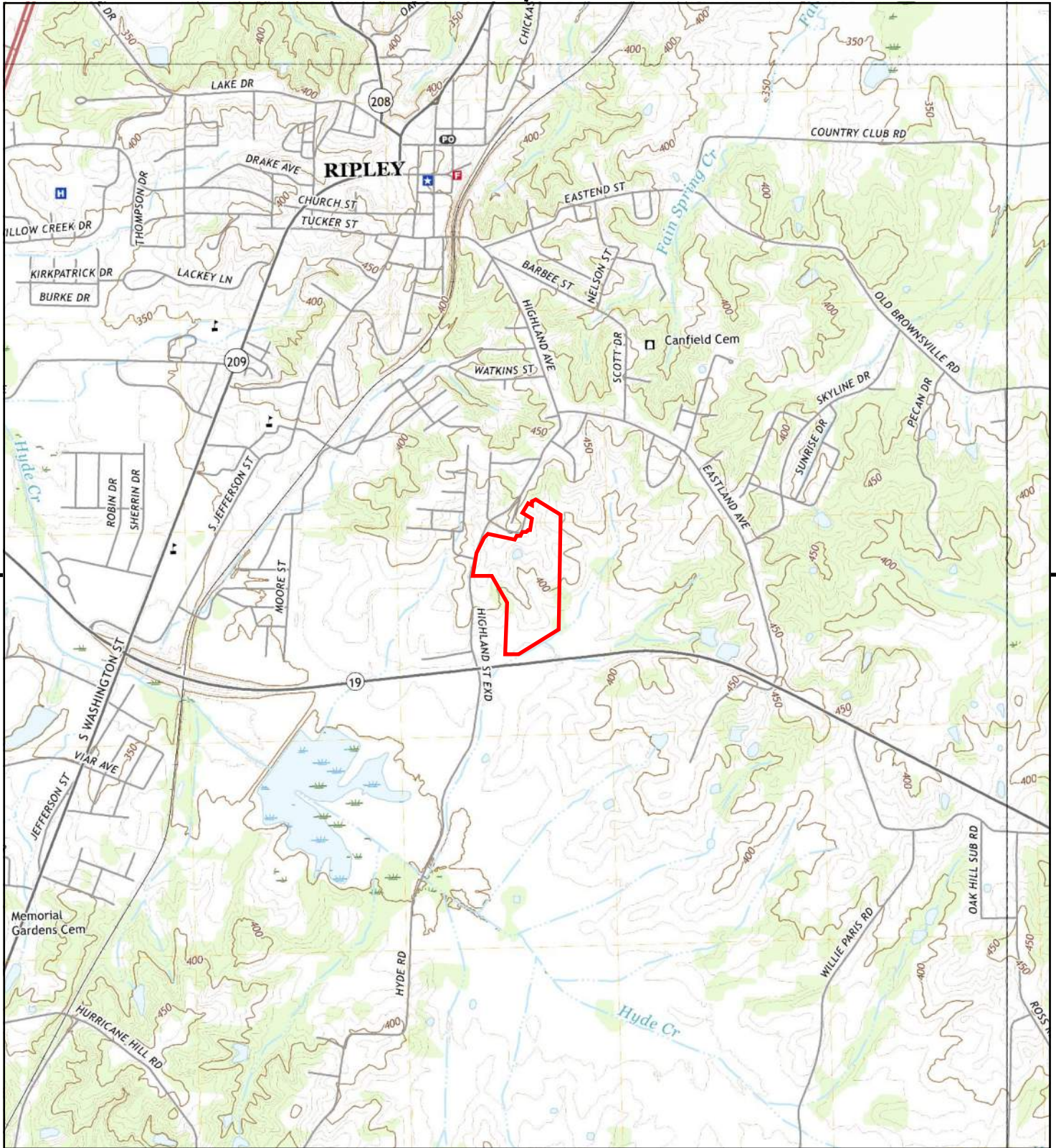
RIALTO
1935
15-minute, 62500



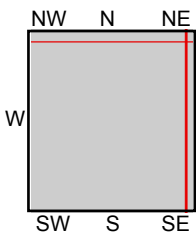
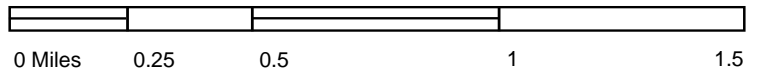
Halls
1939
15-minute, 62500



HALLS
1940
15-minute, 62500



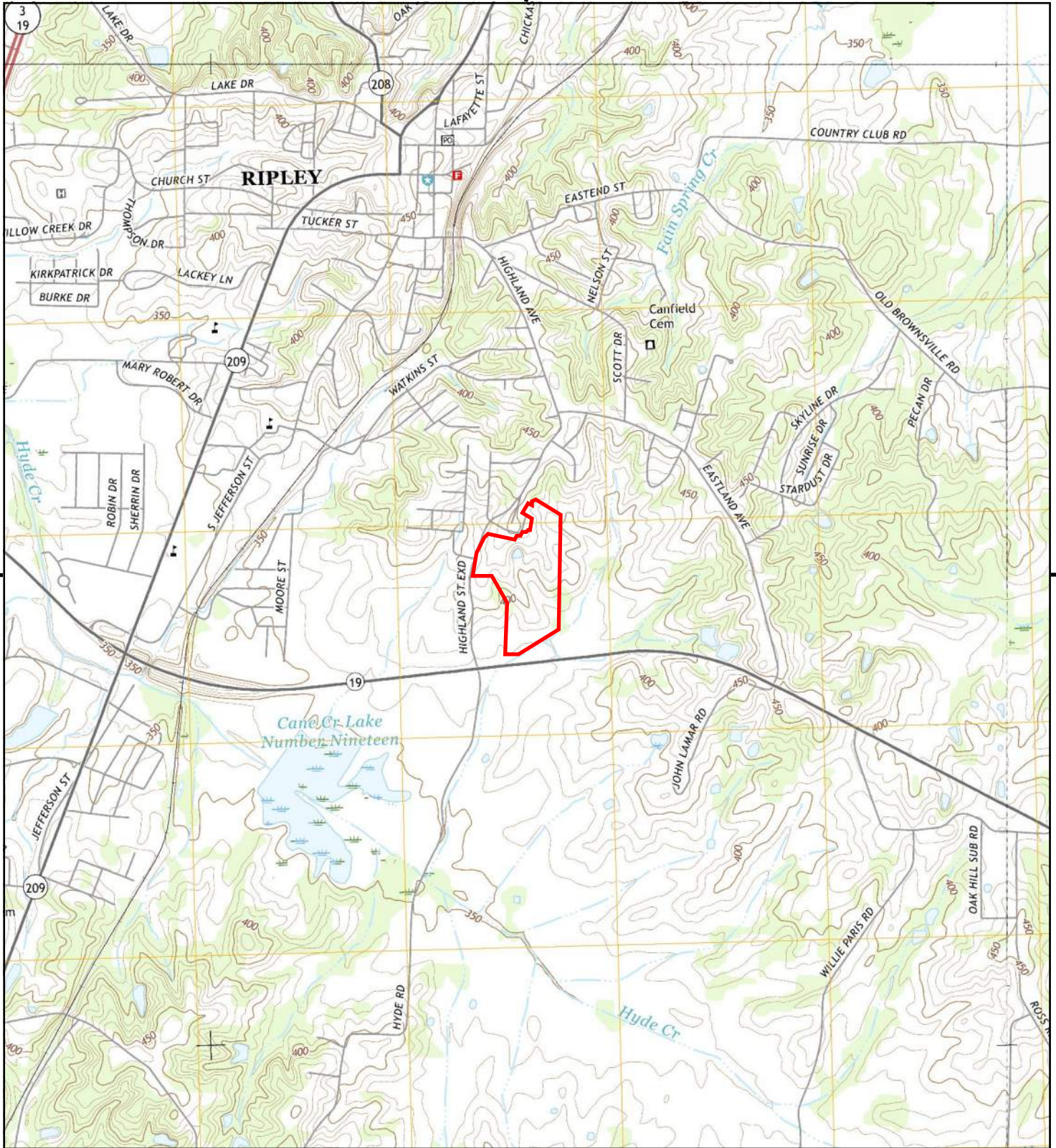
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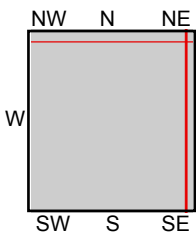
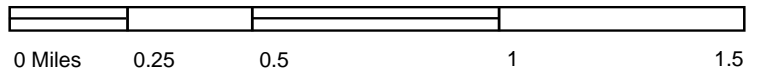
TP, Ripley South, 2019, 7.5-minute
 N, Ripley North, 2019, 7.5-minute
 NE, Gates, 2019, 7.5-minute
 SE, Durhamville, 2019, 7.5-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR





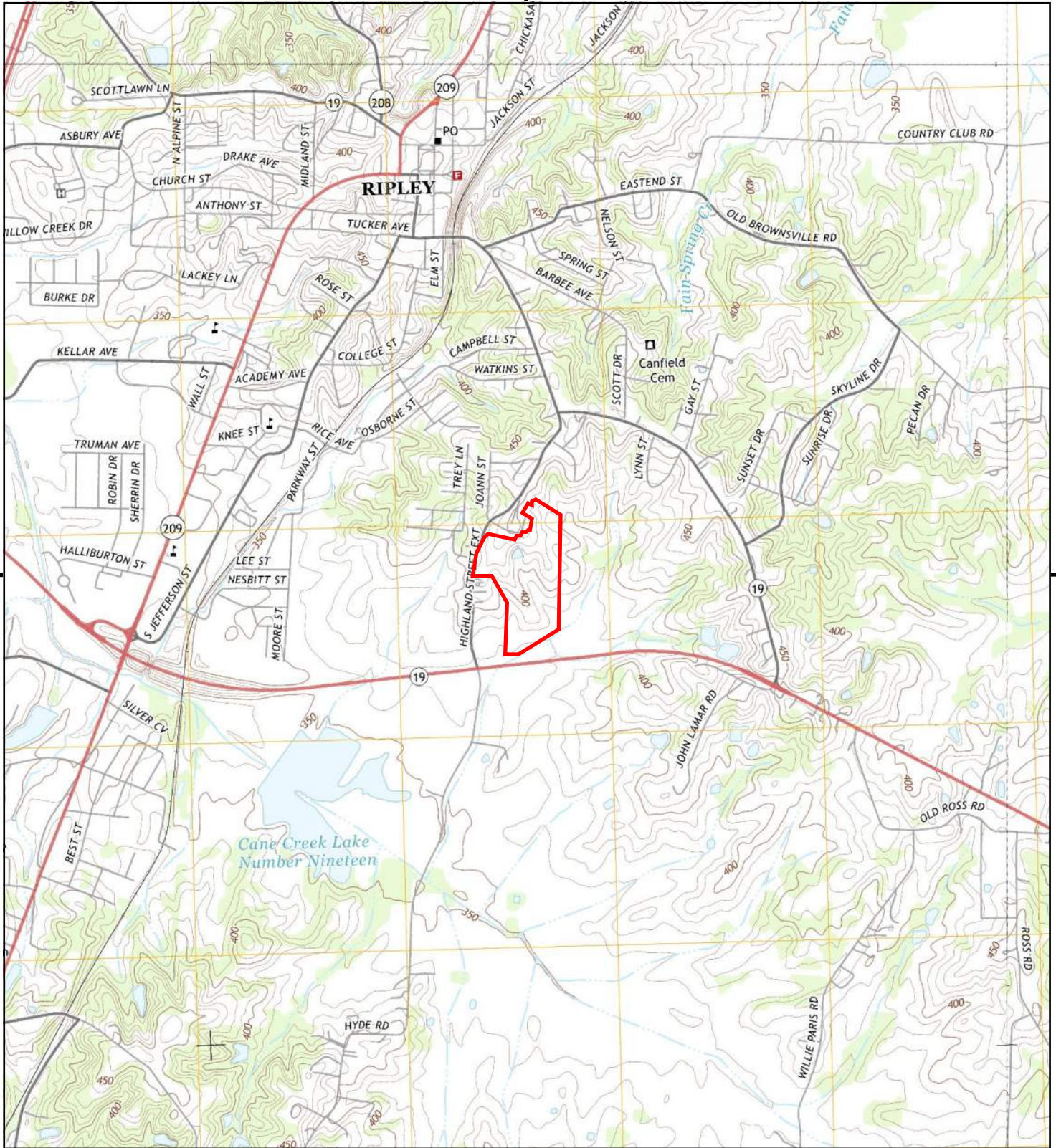
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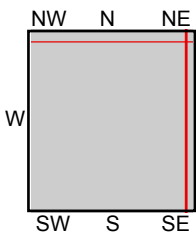
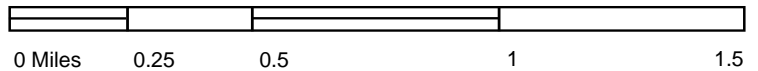
TP, Ripley South, 2016, 7.5-minute
 N, Ripley North, 2016, 7.5-minute
 NE, Gates, 2016, 7.5-minute
 SE, Durhamville, 2016, 7.5-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR





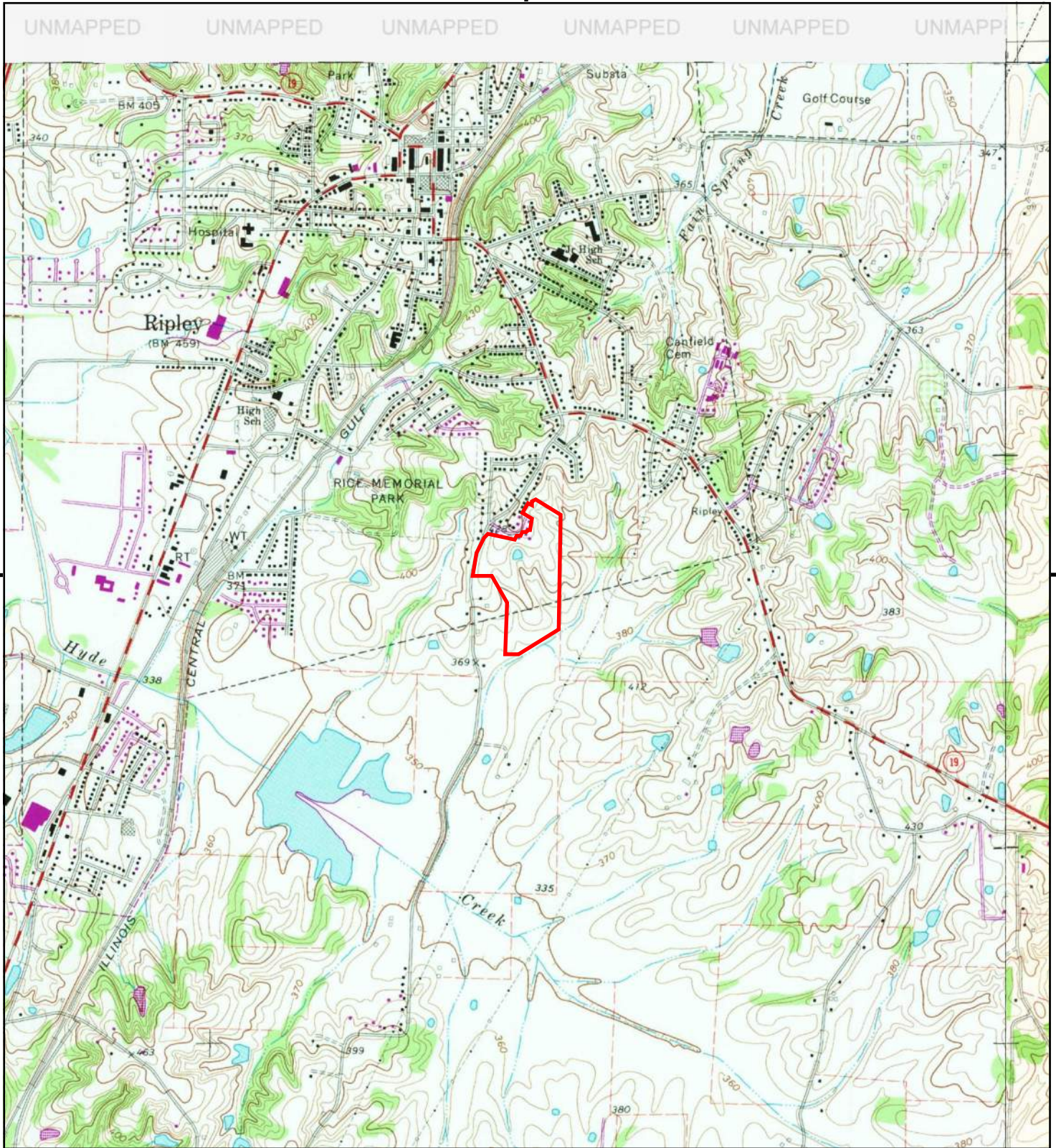
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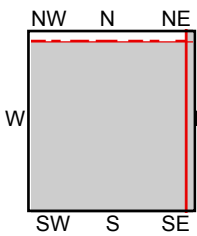
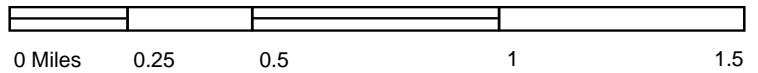
TP, Ripley South, 2013, 7.5-minute
 N, Ripley North, 2013, 7.5-minute
 NE, Gates, 2013, 7.5-minute
 SE, Durhamville, 2013, 7.5-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR





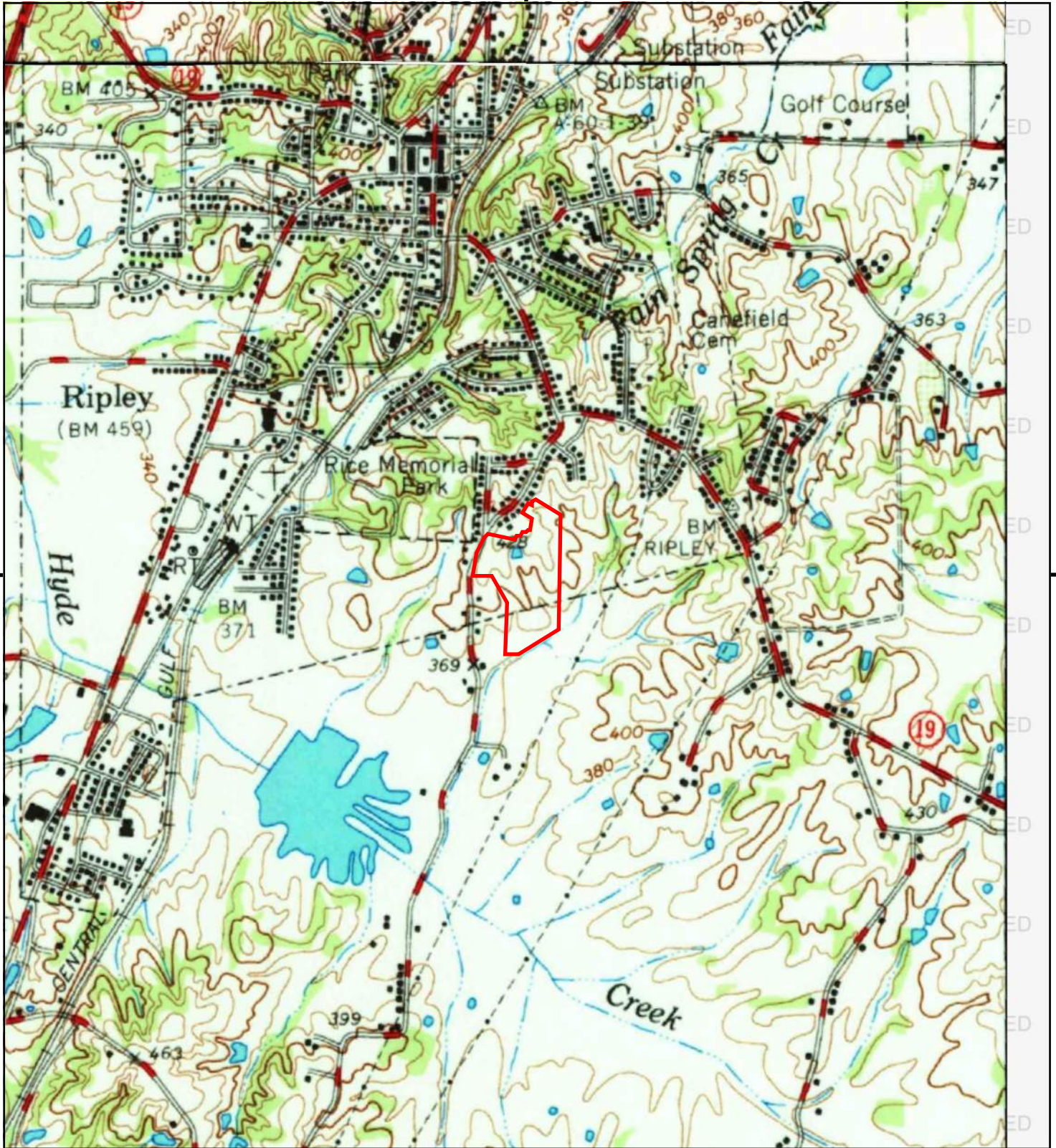
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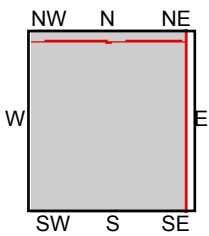
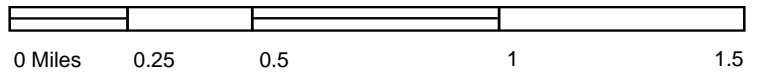
TP, Ripley South, 1983, 7.5-minute
 NE, Gates, 1981, 7.5-minute
 SE, Durhamville, 1981, 7.5-minute
 NE, Gates, 1983, 7.5-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR





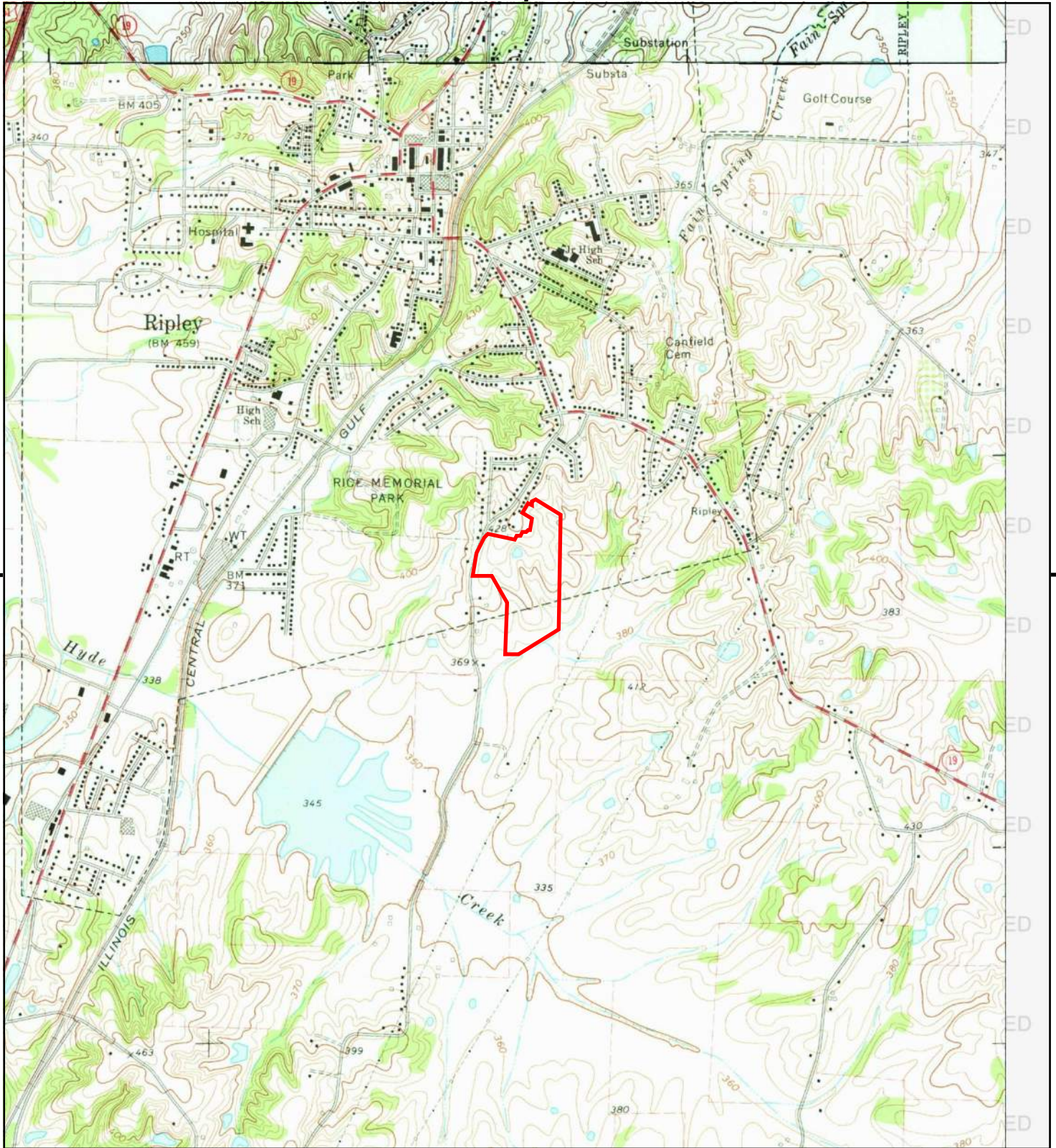
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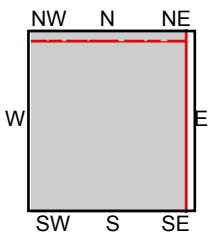
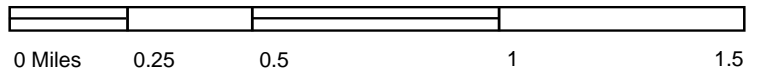
TP, Rialto, 1977, 15-minute
 NW, Hales Point, 1977, 15-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR





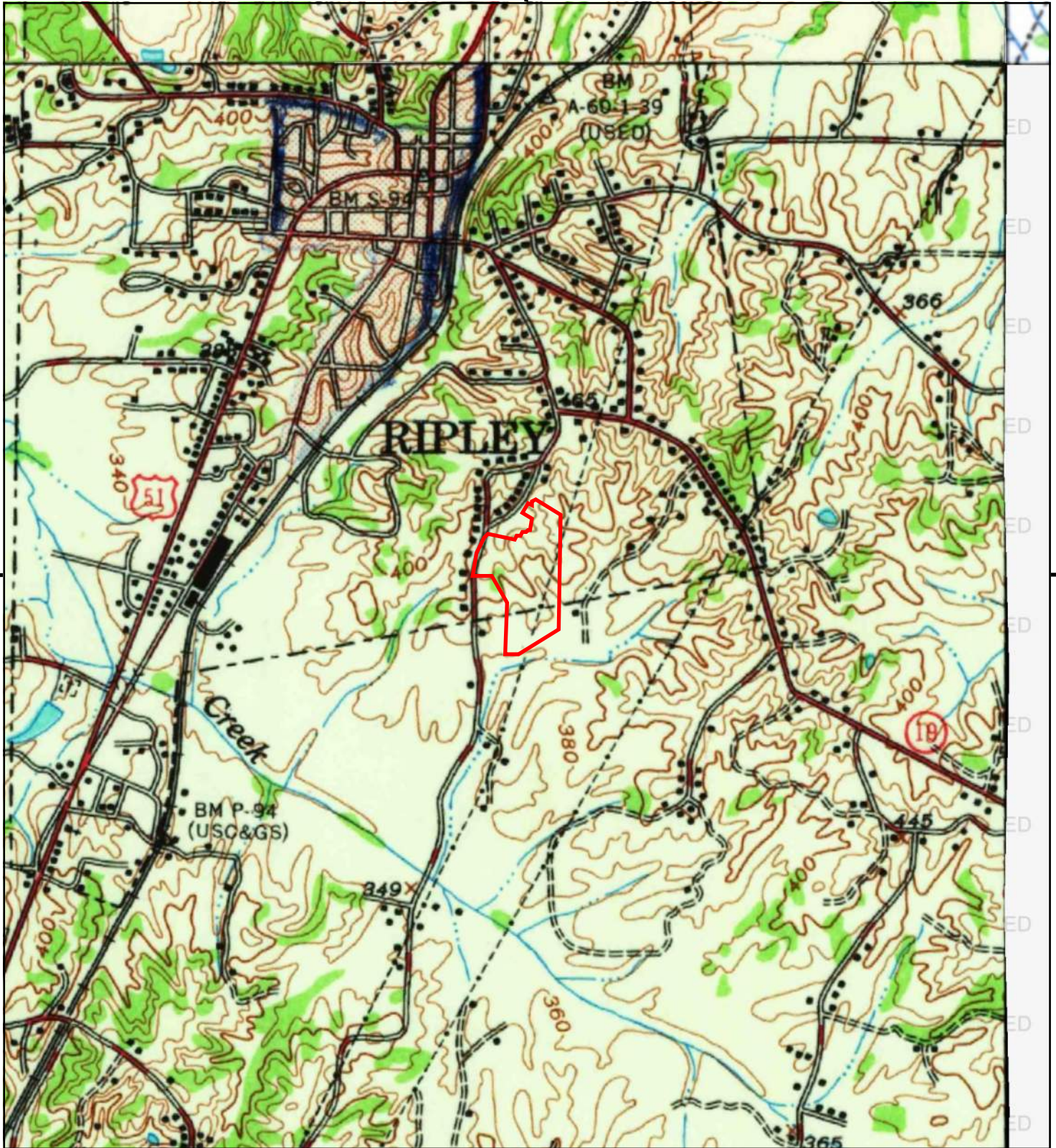
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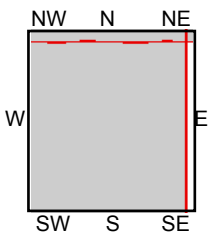
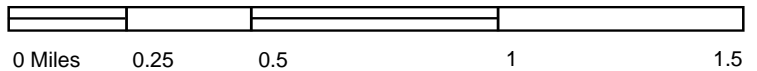
TP, Ripley South, 1972, 7.5-minute
N, Ripley North, 1972, 7.5-minute

SITE NAME: SR Ripley II
ADDRESS: Ripley
Ripley, TN 38063
CLIENT: HDR





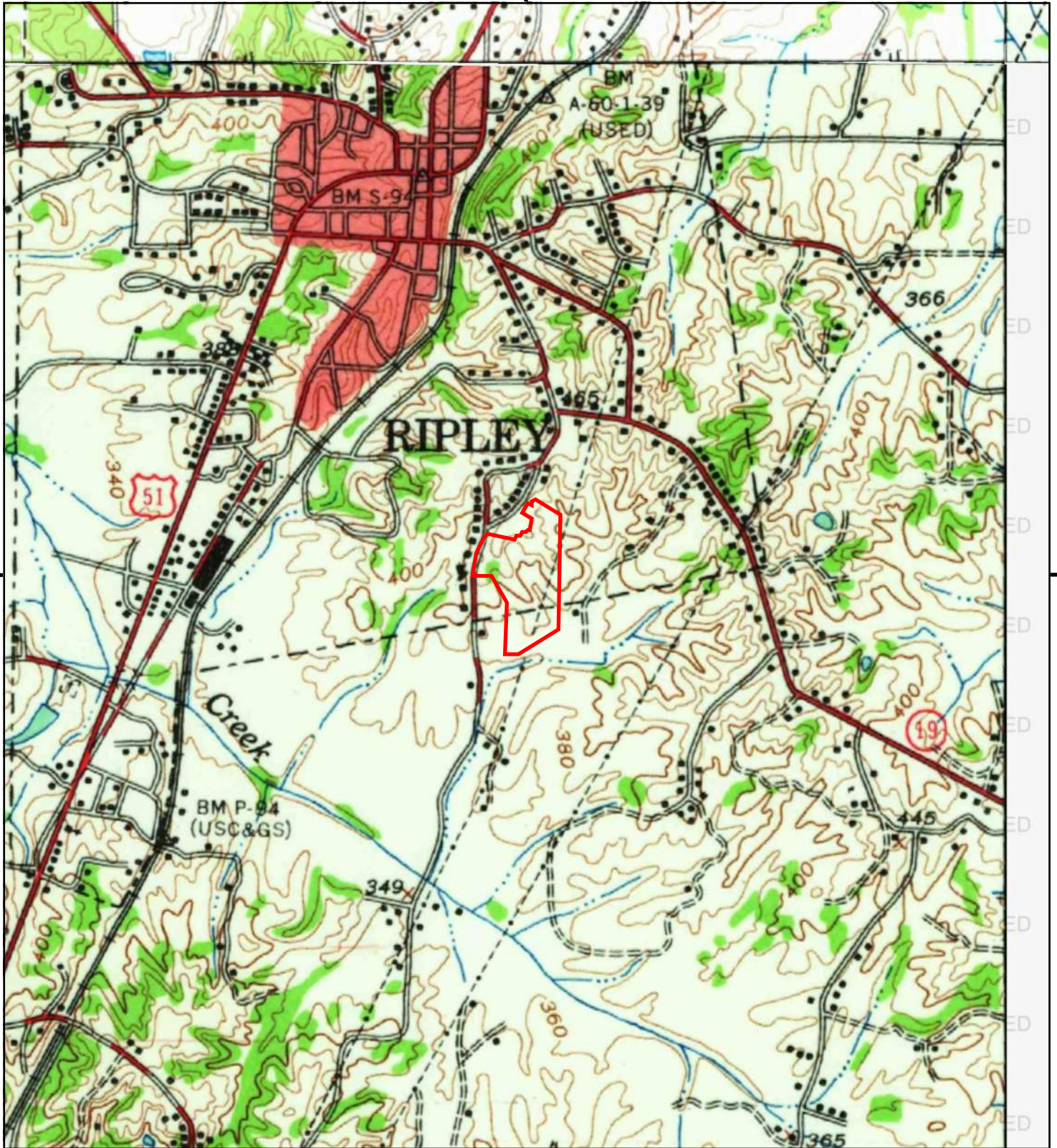
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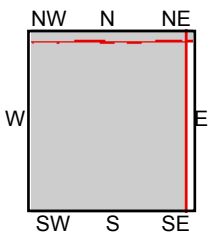
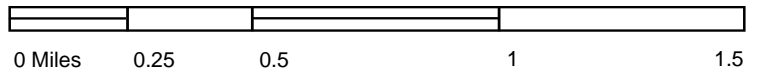
TP, Rialto, 1962, 15-minute
 NE, HALLS, 1962, 15-minute
 NW, Hales Point, 1962, 15-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR





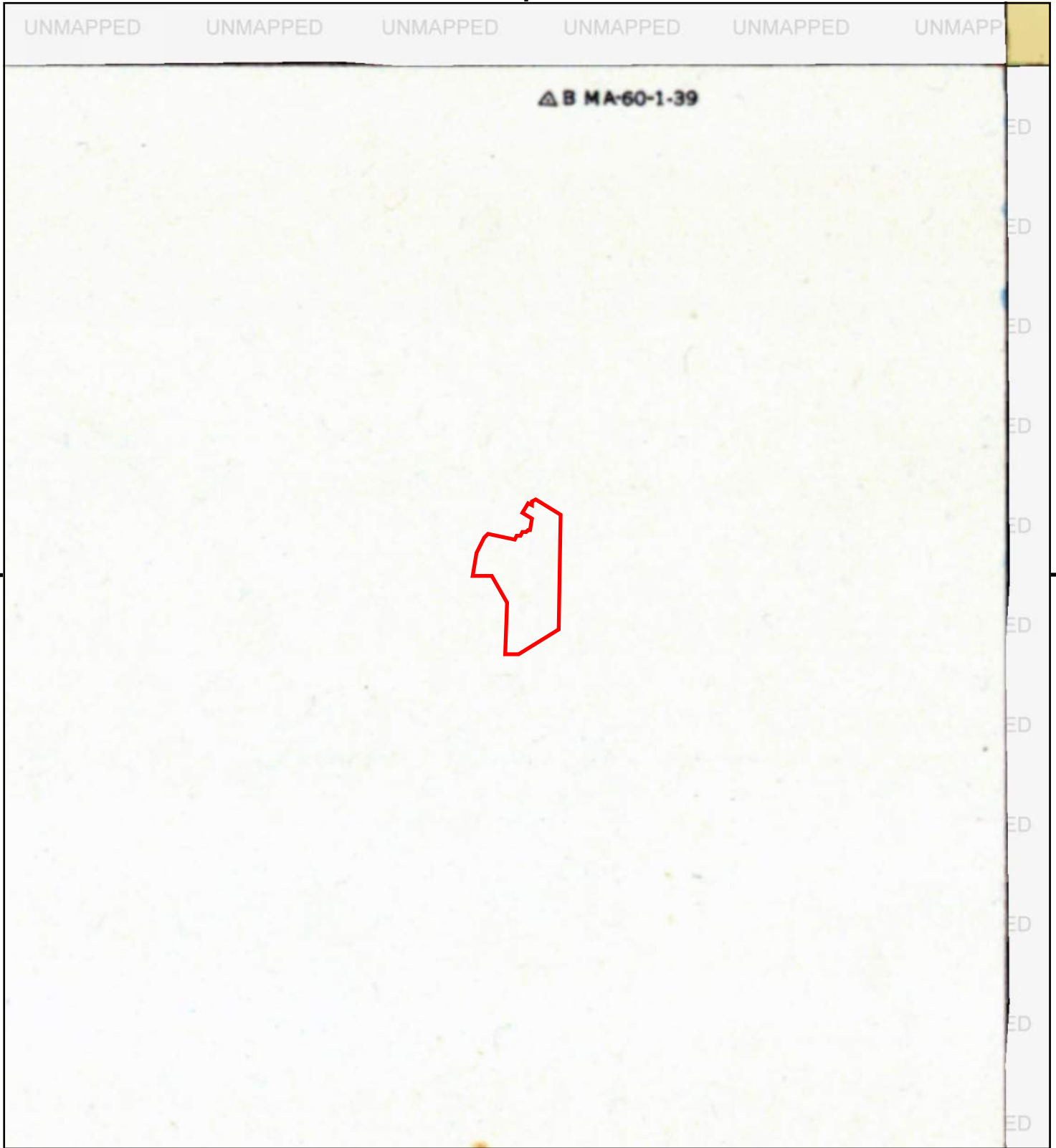
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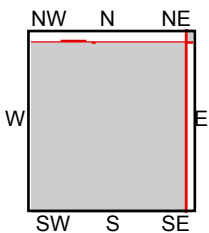
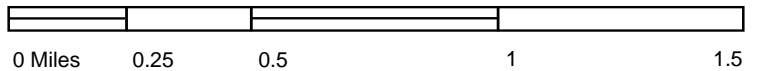
TP, Rialto, 1961, 15-minute
 NE, Halls, 1961, 15-minute
 NW, Hales Point, 1961, 15-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR






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



TP, RIALTO, 1935, 15-minute
 NE, Halls, 1939, 15-minute
 NE, HALLS, 1940, 15-minute

SITE NAME: SR Ripley II
 ADDRESS: Ripley
 Ripley, TN 38063
 CLIENT: HDR



The page features a decorative background with several colored rectangular blocks: a grey block at the top right, a blue block on the left side, a grey block at the bottom left, and a black block at the bottom right.

D

Appendix D – City Directory



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SR Ripley II

Ripley
Ripley, TN 38063

Inquiry Number: 7483365.5

October 30, 2023

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2017	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2014	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2005	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
1995	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information

FINDINGS

TARGET PROPERTY STREET

Ripley
Ripley, TN 38063

No Addresses Found

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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HIGHLAND EXTD ST

2014	pg. A7	Cole Information
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HIGHLAND EXTENDED ST

2014	pg. A8	Cole Information
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HIGHLAND EXTENSION

1995	pg. A21	Cole Information
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1992	pg. A27	Cole Information
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HIGHLAND ST

2020	pg. A2	EDR Digital Archive
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2017	pg. A5	Cole Information
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2014	pg. A9	Cole Information
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2010	pg. A12	Cole Information
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2005	pg. A15	Cole Information
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2000	pg. A18	Cole Information
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1995	pg. A22	Cole Information
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1992	pg. A28	Cole Information
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HIGHLAND ST EXT

1995	pg. A25	Cole Information
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HIGHLAND STREET EXT

2020	-	EDR Digital Archive	Street not listed in Source
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2017	-	Cole Information	Street not listed in Source
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2014	-	Cole Information	Street not listed in Source
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FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
2010	pg. A14	Cole Information
2005	pg. A17	Cole Information
2000	pg. A20	Cole Information

HIGHLAND STREET EXTENSION

1995	pg. A26	Cole Information
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City Directory Images

HIGHLAND ST 2020

100	BRANDON LINDSAY
104	JOHN SMITH
108	ANTHONY GATES ITANZIA GATES
120	AIMEE ALLEY ASHLEY DICUS JOAN MENDENHALL MATTHEW MENDENHALL NICOLETTE MENDENHALL
122	ETHEL JONES KENNETH JONES TRACI PIERSON
123	LOUISE WHITE RANDY WHITE
126	KAMISHA DIXON
127	MORRIS SCOTT
132	CHASTITY SAVAGE DEBORAH CROWDER
137	AMANDA GUESS JEREMY BECKHAM JOSEPH BECKHAM TAMMY BECKHAM
150	MICHAEL HAWKINS TANGELIA HALL
153	ALEXUS THOMAS BEN THOMAS VERONICA THOMAS
154	SHMICA JOHNSON
156	BARBARA THOMPSON DANNY PARKER ROBERT HENNING
159	HERMAN REVIERE PEGGY REVIERE SHARON TOOMES
161	BOBBY HANKINS TRACY HANKINS
162	ANDREW BYARS
165	SANDRA KING
166	CAROLYN BYNUM
170	ANTHONY MACK ERICA MACK ERICA ROGERS STEVEN ROGERS
171	LINDA THEUS
175	KEITHIAN HELM LATISHA DEES QUADAREON GLASS
177	CHARLIE DYSON DE'MONISHA ROGERS EULA DYSON

HIGHLAND ST

2020

(Cont'd)

177	MELVIN EWING
179	CASEY MORGAN
181	MARCUS KEELEY
183	EDDIE WEBSTER
	JAMES WELLS
	JESSICA WELLS
184	SHEREKA MORGAN
	WILLIE ESTES
191	JOHN HELTON
194	LOWELL FAIRWEATHER
195	CYNTHIA MYERS
	CYNTHIA SINGLETON
	KATELYN MYERS
196	WILLIAMS WILMA
204	CHRISTINA TURNER
205	CHERYL EDRINGTON
	MYEISHA LEE
214	VICKIE HALE
215	LATAVIA DEBERRY
219	CLARESE SIMS
	JAMARIEN SIMS
221	MILTON GAINES
223	BILLY MILLER
	DOROTHY TOOMES
225	DWIGHT ALEXANDER
228	GLORIA DEBERRY
	JESSIE DEBERRY
231	AMANDA AUSTIN
	NANCY HUTCHERSON
	WILLIAM AUSTIN
232	WILLIE NIXON
233	LATISHA WINTERS
	SUZANNE BROOKS
235	MAKEIN MORGAN
	MARY RUCKER
	NICOLE MMORGAN
239	BRADLEY JELKS
	CLIFTON MANNS
	DARIUS SCOTT
	FARRIS MANNS
246	CHARLETTA NORFOLK
	CYNTHIA MYERS
248	ROSIE SIMS
252	HERSHEL COX
	JOSHUA SINQUEFIELD
	TAMMY COX
	TAMMY FITZPATRICK
258	CEDRIC HALFACRE
264	PAGE WALSH
267	PATRICE PERRY

HIGHLAND ST 2020 (Cont'd)

280	JENNIFER VAUGHAN
285	CLYDE ROSE
	LAWRENCE THURMOND
	REVA THURMOND
287	MICHAEL USELTON
288	ELAINE JARRETT
	KAYLAN GRAVES
290	DARLENE NEWTON
	ROY TURNER
293	EMILY KING
	GORDON KING
	MARTHA STONE
294	SHEMEKA MIDDLEBROOKS
300	RITA CRINER
	WILLIAM CRINER
301	EDWINTA LOWRY
	HOWARD LOWRY
304	LATISHA WELCH
308	BILLY JOHNSON
	YSHONDA SANDERS
320	PHYLLIS TAYLOR
	WILLIAM TAYLOR
334	RYAN WHITESIDE
338	BRANDON BURNETT
	BRITTANY BURNETT
	GARY MASON
	MATILLA BURNETT
365	RUSTY WILSON
367	DWAYNE MOSIER
	JAMIE MOSIER
	MARY MOSIER

HIGHLAND ST 2017

100	LINDSAY, BRANDON S
102	RUDD, MARTHA L
108	GATES, ANTHONY J
120	PASCHALL, DONALD
121	JOHNSON, DOROTHY
122	MORRIS, RUFUS
123	WHITE, ROBERT P
127	CURRIE, CRYSTAL M
132	SAVAGE, MICHAEL A SAVAGE, VICKI L
137	BECKHAM, JOSEPH F
146	TAYLOR, ROBERTA A
148	MOCTEZUMA, ROBERTO C
150	HAWKINS, TANGELIA
153	BATES, ROSS N
159	TOOMES, SHARON E
161	BILLINGS, JOSEPH BILLINGS, SANDRA L HANKINS, BOBBY STEPHENS, DOROTHY R STEPHENS, MICHAEL L SWEETEN, BETTY J
162	BYARS, ANDREW
165	KING, SANDRA E USELTON, JOHNNY L
170	ROGERS, STEVEN D
171	GLASS, QUADAREON
175	BROWN, MARQUITA
177	DYSON, CHARLIE L
180	SPRINGFIELD, TRACY
183	WEBSTER, EDDIE
184	ALEXANDER, RALPH ESTES, WILLIE F HENNING, WILLIE S ROBINSON, ASHLEY R
191	HELTON, JOHN R
195	MYERS, CYNTHIA
196	WILLIAMS, JAVARIS M
200	HENNING, FEICIA
201	ANDERSON, EMBRA E
204	HARRIS, DANNETTE
205	COLLIER, AMBER CURRIE, MARY B TUCKER, BRENDA SHA
208	JELKS, LINDA
214	HALE, DANIEL J
215	HENNING, ERICA
217	ROBBINS, LELAND B
219	SIMS, CLARESE B
222	DRIVER, BRANDI J

HIGHLAND ST 2017 (Cont'd)

223	TOOMES, REGINA R
225	ALEXANDER, DWIGHT W SIMS, CLARESE
228	DEBERRY, JESSIE J
231	AUSTIN, AMANDA HARRIS, PATSY
232	NIXON, WILLIE J
233	BROOKS, SUZANNE PILKINGTON, SHEILA WILSON, BILL W
239	MANNS, CLIFTON H
246	MYERS, MARIA L
253	SCOTT, JAMES
255	WADDELL, FRANCOISE
258	HALFACRE, CEDRIC
264	WALSH, PAGE
265	DICKERSON, DARRIN TOOMES, LINDA
267	PERRY, PATRICE WESLEY, MICHAIAH
280	VAUGHAN, JENNIFER M
283	WILLIAMS, JOHN W
284	HOOSER, MARY M
285	THURMOND, REVA C
288	JARRETT, ELAINE X
290	NEWTON, ARTHUR L
293	KING, GORDON T
294	MIDDLEBROOKS, SHEMEKA
297	ASH, DONNIE
300	CRINER, RITA D
304	DEBERRY, LISA C
320	TAYLOR, WILLIAM H
322	LEE, TONYA L
338	MASON, GARY M
344	BROGDON, SUDIE
367	MOSIER, DALE

Target Street

Cross Street

Source

-

✓

Cole Information

HIGHLAND EXTD ST 2014

285 THURMOND, REVA C

Target Street

Cross Street

Source

-

✓

Cole Information

HIGHLAND EXTENDED ST 2014

288 JARRETT, ELAINE

HIGHLAND ST 2014

100	BATES, HEATHER Y HARTSFIELD, ELANOR
102	RUSSELL, MARY R
108	OCCUPANT UNKNOWN,
110	OCCUPANT UNKNOWN,
117	DYSON, CHARLIE
119	OCCUPANT UNKNOWN,
120	PASCHALL, DONALD
121	JOHNSON, JASMINE
122	MORRIS, RUFUS
123	WHITE, ROBERT P
126	STEVENS, JOSHUA A
127	PHILLIPS, JOHNNY
132	SAVAGE, HARRIS L
137	BECKHAM, JEREMY
140	OCCUPANT UNKNOWN,
146	TAYLOR, KRYSTAL
148	MOCTEZUMA, ROBERTO C
153	OCCUPANT UNKNOWN,
154	JOHNSON, SHMICA
156	KIESTLER, COURTNEY
159	RAY, MARCY
161	GREER, CHRISTOPHER S HANKINS, BOBBY STEPHENS, RANDY SWEETEN, BETTY J
162	OCCUPANT UNKNOWN,
165	EVANS, TYRONE A FIGGS, COREY OCCUPANT UNKNOWN, OVERSTREET, JAMIONA OVERSTRESST, JAMIONA
166	BYNUM, CAROLYN D
170	MACK, ANTHONY
171	OCCUPANT UNKNOWN,
177	GUTIERREZ, SANDRA
179	ROGERS, TAVITA
180	WELLS, WINDA
183	WEBSTER, EDDIE
184	ESTES, WILLIE F HENNING, WILLIE S OCCUPANT UNKNOWN, WARD, WILLIE S
185	WILLIAMS, ANGELA
187	DEBERRY, LISA C
190	OCCUPANT UNKNOWN,
191	HELTON, JOHN R
194	BOOKER, STEVEN
196	WILLIAMS, WILM
200	GENSEY, JOYCE

HIGHLAND ST

2014

(Cont'd)

201	ANDERSON, EMBRA E
204	HUDSON, JEREMY
205	BONDS, KATRICE
	GLASS, RENEE
	HAMMOND, PORSHA A
	WORLDS, JESSICA
208	DAVIS, BOBBY B
	HOLLOWAY, ANGELA
	JOHNSON, DAVIDA
	KING, DERWIN
	MCFARLAND, ALLEN
	SMITH, DONALD L
	WILLIAMS, VONSHOLA
	WILLIAMSON, DARRELL A
214	HALE, DANIEL J
215	KETTLE, JUSTIN
217	ROBBINS, LELAND B
222	DRIVER, BRANDI J
223	WRIGHT, DONALD B
224	FLOWERS, MARY
225	ALEXANDER, DWIGHT W
227	FERRELL, CHRISTINA N
	SMITH, JONATHAN
	WALKER, LAQUISHA
228	DEBERRY, JESSIE J
230	OCCUPANT UNKNOWN,
231	HUTCHERSON, NA
	OCCUPANT UNKNOWN,
	WILLIAMSON, DARRELL
232	NIXON, WILLIE S
233	OCCUPANT UNKNOWN,
	PILKINGTON, SHEILA
	WILSON, BILL W
235	MORGAN, MAKEIN L
239	MANNS, CLIFTON H
242	DAVIS, WILLIAM H
246	MYERS, MARIA L
248	SIMS, ROSIE M
252	COX, HERSHEL D
253	OCCUPANT UNKNOWN,
255	OCCUPANT UNKNOWN,
258	HALFACRE, CEDRIC
264	WALSH, PAGE
265	OCCUPANT UNKNOWN,
	PHILLIPS, AUDREY
	PITTS, KANESHA Y
	TOOMES, LINDA
267	JOHNSON, MAX
278	OCCUPANT UNKNOWN,
280	VAUGHAN, JENNIFER M

HIGHLAND ST 2014 (Cont'd)

283 WILLIAMS, JOHN W
284 OCCUPANT UNKNOWN,
285 ROSE, CLYDE
287 OCCUPANT UNKNOWN,
288 OCCUPANT UNKNOWN,
290 NEWTON, ARTHUR L
293 KING, GORDON J
294 HOLLAND, MARCUS
300 CRINER, WILLIAM C
304 WELCH, LATESHA
319 ROBERSON, ROSEMARY H
322 DAVIS, MATTHEW L
334 THOMAS, LINDA L
338 MASON, GARY M
344 BROGDON, SUDIE
365 WILSON, RUSTY L

HIGHLAND ST 2010

100	BATES, HEATHER HARSTFIELD, EMMETT F HARTSFIELD, ELANOR
102	RUSSELL, MARY R
104	DIXON, SHIRLEY
108	GATES, ANTHONY J
117	DYSON, CHARLIE
120	MENDENHALL, MICHAEL
121	JOHNSON, JASMINE
122	MORRIS, MARION G
123	WHITE, ROBERT P
127	MASON, FREDRICK
132	SAVAGE, HARRIS L
136	DOUGLASS, VELMA J
137	BECKHAM, EDGAR
145	MAXWELL, RUBY P
146	YOUNG, KOWENDA
148	MOCTEZUMA, MARCO
150	TATUM, DONNIE
154	HAMBY, LESLIE C
156	KIESTLER, COURTNEY
159	WHITFIELD, SHIRLEY
161	GREER, ALICIA HANKINS, BOBBY
162	CAUSEY, JIM
165	FIGGS, HAZEL D
166	TRACEY, MICHAEL
170	MACK, ANTHONY
171	ROBINSON, JANICE H
180	WELLS, WINDA
181	GAINES, MAURICE
183	WEBSTER, EDDIE
184	EATMON, PATRICIA ESTES, WILLIE F
187	DEBERRY, LISA HENNING, LINDA
191	HELTON, JOHN R
193	COLVIN, RUBY C
194	SNYDER, APRIL
196	WILLIAMS, TRACIE
200	RUSSELL, ANTOINETT
201	ANDERSON, EMBRA E
204	HUDSON, JEREMY
205	BONDS, KATRICE CURRIE, JAMES H FITZPATRICK, LAKENYA HAMMOND, PORSHA LIGGEONS, KATIE M PORTER, TERRINA TAYLOR, LINDA

HIGHLAND ST 2010 (Cont'd)

207	HARMON, WILLIAM
208	HALL, MARCUS
	HOLLOWAY, ANGELA
	JOHNSON, DAVIDA
	KING, DERWIN
	WILLIAMS, LAQUITA D
214	HALE, DANIEL J
215	BARBEE, PATICAL
	CROWELL, ED
217	ROBBINS, LELAND B
222	DRIVER, BRANDI J
223	WRIGHT, DONALD B
224	FLOWERS, MARY
225	ALEXANDER, DWIGHT
	MANN, MARGARET B
226	BROOKS, MELVIN R
227	MARGIE, DIXON
	NIJAK-FERRELL, CHRISTINA N
	SMITH, JONATHAN
	WALKER, TAVETRAVIS
228	DEBERRY, JESSIE J
230	FERRELL, RICKEY L
231	WALLACE, MARIE
	WATTS, AUTUMN
232	NIXON, WILLIE S
235	RUCKER, JAMES B
239	MANN, CLIFTON
242	FINCHER, JASON W
246	MYERS, MARIA L
248	SMITH, RUFUS A
252	COX, HERSHEL D
253	SULLIVAN, BRENDA
265	PHILLIPS, AUDREY
	PITTS, KANESHA Y
	RUFFIN, FRANCES N
267	ANDERSON, JAYME
	JOHNSON, MAXINE
	WELLS, ANN
	WINBUSH, WANDA

HIGHLAND STREET EXT 2010

258	FINCH, JAMES
264	WALSH, PAGE
278	CALDWELL, JOE R
283	WILLIAMS, JOHN W
285	ROSE, CLYDE
288	JARRETT, ELAINE
290	NEWTON, ARTHUR L
293	KING, GORDON J
294	WALKER, GIFFORD D
297	WARD, SHAUNELL
300	CRINER, WILLIAM C
319	ROBERSON, ROSEMARY H
320	LOONEY, LILLIE M
338	BURNETT, GARY
363	MARICE, PEGGY A
365	GOFORTH, JESSICA

HIGHLAND ST 2005

100	PATTERSON, ROBIN L
102	RUSSELL, MARY R
104	CROOK, J
	HILL, FLORENE
	LANKFORD, RANDY
	LEE, BIANCA
	WEST, TRINA
119	CROWDER, ROY E
120	VADEN, JUDY H
123	WHITE, ROBERT
131	PAY JAYS
132	SAVAGE, MARTHA J
136	MORRIS, JOSEPH L
140	CHISM, RUTH H
145	MAXWELL, RUBY P
146	JOHNSON, JUSTIN
148	HILARIO, CRESCENCIO
150	MOFFITT, GARY L
154	HAMBY, LESLIE C
161	GREER, CHRIS S
162	CAUSEY, JIM
166	SHAW, LATRESS
167	ROBINSON, JANICE H
175	SANDERS, JEFF
177	DYSON, CHARLIE L
180	TALIAFERRO, DEBRA
181	GAINES, MAURICE
183	WELLS, WINDA
184	ESTES, WILLIE F
185	LATTIMORE, MARCUS
186	DAVIS, JASON
187	ROBERSON, CLIFTON
190	BROWN, PATRICIA A
	PICKETT, ZOLLISA
	SHAW, JUDY
	STREET, WILLIE
191	HELTON, JOHN R
193	COLVIN, RUBY C
196	WILLIAMS, WILMA J
200	DEGRAFFENRIED, CLAY
201	MR CARPET
	RUSH, BILL A
204	HARRIS, SHARON D
205	BUCKNER, CANDI
	WATSON, REBECCA W
208	TAYLOR, FAE
209	BURTON, TONIA
	WRAY, CAROLYN S
214	HALE, DANIEL
215	BARBEE, PATICAL

HIGHLAND ST 2005 (Cont'd)

219	CURRIE, IRENE
222	LEWECK, DONALD J
223	ROBBINS, LELAND
225	GAINES, MILTON E
	SMITH, DWAYNE E
226	STINSON, CORDIA
227	BAKER, RENEE
	CROSS, CHRIS
	LILLEY, GARY D
	NIJAK, ELAINE
	WILSON, BILLY W
228	DEBERRY, JESSIE
230	SHAW, JERRY W
231	WATTS, AUTUMN
232	NIXON, WILLIE S
233	WILSON, HARDY
235	RUCKER, JAMES B
239	MANNS, FARRIS
246	BRADLEY, MARQUIS
265	COWAN, BOBBY G
285	THURMOND, REVA
297	USELTON, TARA

HIGHLAND STREET EXT 2005

109	WALKER, PAULA J
252	FITZPATRICK, EMMA
253	JOHNSON, WILLIAM J
264	WALSH, PAGE
267	CLEM, RACHEL D
278	CALDWELL, JOE R
283	WILLIAMS, JOHN W
284	HOOSER, CHARLES A
285	ROSE, CLYDE
287	USELTON, JOHN G
290	TURNER, ROY D
293	CLARK, MELODY A
294	WALKER, GIFFORD D
304	JOHNSON, BILLY O
319	ROBERSON, ROSEMARY H
320	LOONEY, LILLIE M
322	KELLEY, EDDIE L
338	BURNETT, GARY
344	BROGDON, JAMES A
363	BRAY, VIRGINIA
365	MOSIER, DALE
367	MOSIER, DWAYNE L

HIGHLAND ST 2000

100	FAIN, CHUCK
102	RUSSELL, M R
108	KESLER, EVA D
	MEIBAUM, JOHN P
	VEITH, LEE
119	CROWDER, ROY E
120	VADEN, JUDY H
121	WALKER, MARK H
122	MORRIS, MARION E
123	KEYLON, TERI
125	HOLMAN, WILLIAM T
132	SAVAGE, MARTHA J
136	MORRIS, JOSEPH L
137	LAUDERDALE COUNTY GROUP HOME
140	CHISM, RUTH H
142	LACEFIELD, M A
145	MAXWELL, RUBY P
150	LUTON, MARTHA J
153	WINSLOW, R O
154	HAMBY, LESLIE
159	RAY, ROSA O
162	AMMONS, DON J
165	WOODARD, GREG
167	TUCKER, L S
170	HARRIS, EDITH A
177	DYSON, CHARLIE
178	ROBISON, JERRY W
	TAYLOR, S
179	TERRY, KATRINA M
180	ROGERS, DEBORAH K
184	BUCK, LINDA
186	THOMAS, K
190	BROWN, MELVIN
191	HELTON, W R
196	WILLIAMS, WILMA
200	THORNTON, LORETTA
201	MR CARPET
	RUSH, BILL
205	HAM, KRISTA M
	SIMS, M B
208	TOOMES, KENNETH
209	MYERS, CYNTHIA
214	HALE, VICKIE
215	MAXWELL, DONALD
219	CONYERS, TONY
225	GAINES, MILTON
227	BREEDLOVE, SUSAN
	CARTER, CHERYL L
	FERRELL, RICKEY L
	JONES, DAISY

HIGHLAND ST

2000

(Cont'd)

227	TUCKER, WILLIAM G
230	SMITH, RANDY R
231	JIM, VICKIE J
232	NIXON, WILLIE
235	RUCKER, MARY
238	HUMPHREY, JANNIE
239	JELKS, JACOBY
242	MAY, TAMMY L
248	SIMS, WILLIAM
252	FITZPATRICK, RODNEY
253	TOOMES, BOBBY J
265	MCDANIELS, DIXIE
278	CALDWELL, JOE R
280	KING, JOE
290	QUEEN, IMOGENE
294	WALKER, GIFFORD D
3896	SCHAEFER, JOEY

HIGHLAND STREET EXT 2000

109	BARNES, CLAYTON
170	JACKSON, MINNIE
278	CALDWELL, JOE R
280	KING, JOE
283	WILLIAMS, JOHN W
284	ANDREWS, GARIE
285	ROSE, CLYDE
287	USELTON, JOHN
300	CRINER, WILLIAM C
304	WOODS, IRENE G
308	JOHNSON, LAVON
319	WOODARD, SHELLY
321	LOONEY, LILLIE
322	KELLEY, EDDIE L
344	BROGDON, JAMES
363	BRAY, V
367	CLARK, JEWEL

HIGHLAND EXTENSION 1995

- 170 JACKSON, MINNIE
WALTON, E
- 174 CAPES, ROWLAND L
OWENS, CARRIE C
- 284 JONES, KATHY

HIGHLAND ST 1995

100	INGRAM, JAMES F
102	KESLER, EVA D
104	OCCUPANT UNKNOWNN
108	MEIBAUM, JOHN P JR RUSSELL, MARY R
109	BURSE, H
119	CROWDER, ROY E JR
120	VADEN, JUDY H
121	WALKER, MARK H
122	MORRIS, RUFUS
123	WHITE, RANDY
125	HOLMAN, WILLIAM T
127	COOPER, EARLINE
130	OCCUPANT UNKNOWNN
131	CORNER QUICK STOP
132	SAVAGE, MARTHA J
136	MORRIS, J L
140	OCCUPANT UNKNOWNN
142	LACEFIELD, DON
145	MAXWELL, RUBY P
146	HARBER, BARRY
148	HOFFMAN, ROSE L
150	LUTON, MARTHA J
153	OCCUPANT UNKNOWNN
154	HAMBY, LESLIE
156	WILSON, STEPHEN
159	RAY, WESLEY
161	JOHNSTON, JOE W
162	AMMONS, DON J
165	PHILLIPS, JOANNE SMITH, HUBERT
166	MYERS, DON
167	TUCKER, L S
174	OCCUPANT UNKNOWNN
175	OCCUPANT UNKNOWNN
177	DAVIS, GEAN
178	PITTMAN, ELLIE ROSE, DELANE
180	CUMMINGS, KENNETH
183	PHILLIPS, MARY
184	GRIFFIN, N
186	TAYLOR, LANETIA WATKINS, CLENADA WRIGHT, MAURICE
187	PORTER, TERRINA M
190	NIXON, LILLIE
191	HELTON, W R
193	COLVIN, G D
195	CRAIG, HILDA
196	WILLIAMS, WILMA

HIGHLAND ST

1995

(Cont'd)

199	OCCUPANT UNKNOWNN
200	HAYES, BRANDON
201	MR CARPET RUSH, BILL
203	BALTHROP, MARTY DAMRON, JIMMY C DOEDTMAN, TOBIAS FAIN, GARY LEEANN, HOWARD MITCHELL, JERRY L NORTHCOTT, AMY STEPHENSON, TERRY SUTTON, CYNTHIA M
204	HARRIS, SHARON
208	CONRAD, DONALD R
209	HARRISON, BARBARA WIEBER, SUZANNE
214	BRADFORD, MICHAEL
215	OCCUPANT UNKNOWNN
216	GRIMES, SAMMY
218	YOUNG, MARY L
219	OCCUPANT UNKNOWNN
222	SIMPSON, CHRIS
223	OCCUPANT UNKNOWNN
225	GAINES, MILTON
226	LITTLEJOHN, DELORES
227	CROOK, CHARLES L JR HICKS, DEWEY
228	OCCUPANT UNKNOWNN
230	MILLER, HUGH T
231	OCCUPANT UNKNOWNN
232	TRAVIS, WILLIAM
233	OCCUPANT UNKNOWNN
234	OCCUPANT UNKNOWNN
235	BROWN, SHIRLEY D
238	OCCUPANT UNKNOWNN
239	OCCUPANT UNKNOWNN
242	LANGLEY, CURTIS V
245	OCCUPANT UNKNOWNN
246	OCCUPANT UNKNOWNN
248	WALKER, ONICE L
252	GOAD, ROBERT E
258	DICKERSON, WILLIAM J
264	WALSH, PAGE
278	CALDWELL, JOE R
280	KING, JOE
283	WILLIAMS, JOHN W
284	FINCHER, BETTY MCALISTER, GARY
285	ROSE, CLYDE

Target Street

Cross Street

Source

-

✓

Cole Information

HIGHLAND ST

1995

(Cont'd)

287	OCCUPANT UNKNOWNN
288	OCCUPANT UNKNOWNN
290	OCCUPANT UNKNOWNN
293	KIRBY, APRIL
294	WALKER, GIFFORD D
297	OCCUPANT UNKNOWNN

HIGHLAND ST EXT 1995

170 WALTON, DONNIE
288 FISH, JACK

HIGHLAND STREET EXTENSION 1995

300	CRINER, WILLIAM C SR
301	HUTCHISON, MARTHA
304	WOODS, WILLIAM J
308	OCCUPANT UNKNOWNN
309	OCCUPANT UNKNOWNN
311	ELAM, KIRK
313	JENKINS, JERRY
321	LOONEY, LILLIE
322	KELLEY, EDDIE L
334	WIEBER, SUZANNE
344	BROGDON, JAMES
363	CASTLEMAN, JAMMIE JR

Target Street

Cross Street

Source

-

✓

Cole Information

HIGHLAND EXTENSION 1992

170	JACKSON, NIMMIE ROSE, EVA P
174	HERRON, FRANK W

HIGHLAND ST 1992

17	PHILLIPS, JOANNE
102	KESLER, EVA D
108	PHILLIPS, JACK
	RUSSELL, MARY R
119	CROWDER, ROY E JR
120	VADEN, JUDY H
122	MORRIS, RUFUS
123	WHITE, RANDY
125	HOLMAN, WILLIAM T
127	COOPER, EARLINE
132	SAVAGE, MARTHA J
136	MORRIS, J L
140	HEDGEPEETH, J W
145	MAXWELL, RUBY P
146	REED, G J
150	LUTON, MARTHA J
153	WINSLOW, R O
154	HAMBY, LESLIE
156	WILSON, STEPHEN
159	RAY, WESLEY
161	HARBER, DAVID J
	JOHNSTON, JOE W
162	AMMONS, DON J
165	MODLIN, THOMAS
	SMITH, HUBERT
170	HARRIS, CLYDE S
175	NEAR, ANN
180	CUMMINGS, KENNETH
183	BARBOUR, W L
184	DANLEY, OMA
	MOONEY, S
185	GRAVES, BELLE
	SMITH, ROBBIE
186	CLARK, P L
	WRIGHT, MAURICE
190	MIDDLETON, PAULA
191	HELTON, W R
193	COLVIN, G D
195	CRAIG, HILDA
196	CASEY, W R
201	RUSH, BILL
203	JONES, S M JR
	TATUM, DONNIE
	TATUM, RONNIE
208	CARABALLO, LUIS
209	GARY, JOHNNY
	GERRITSE, AVANELL
	HOLMAN, BECKY
215	ADKINS, RALPH D JR
216	CASEY, KEITH

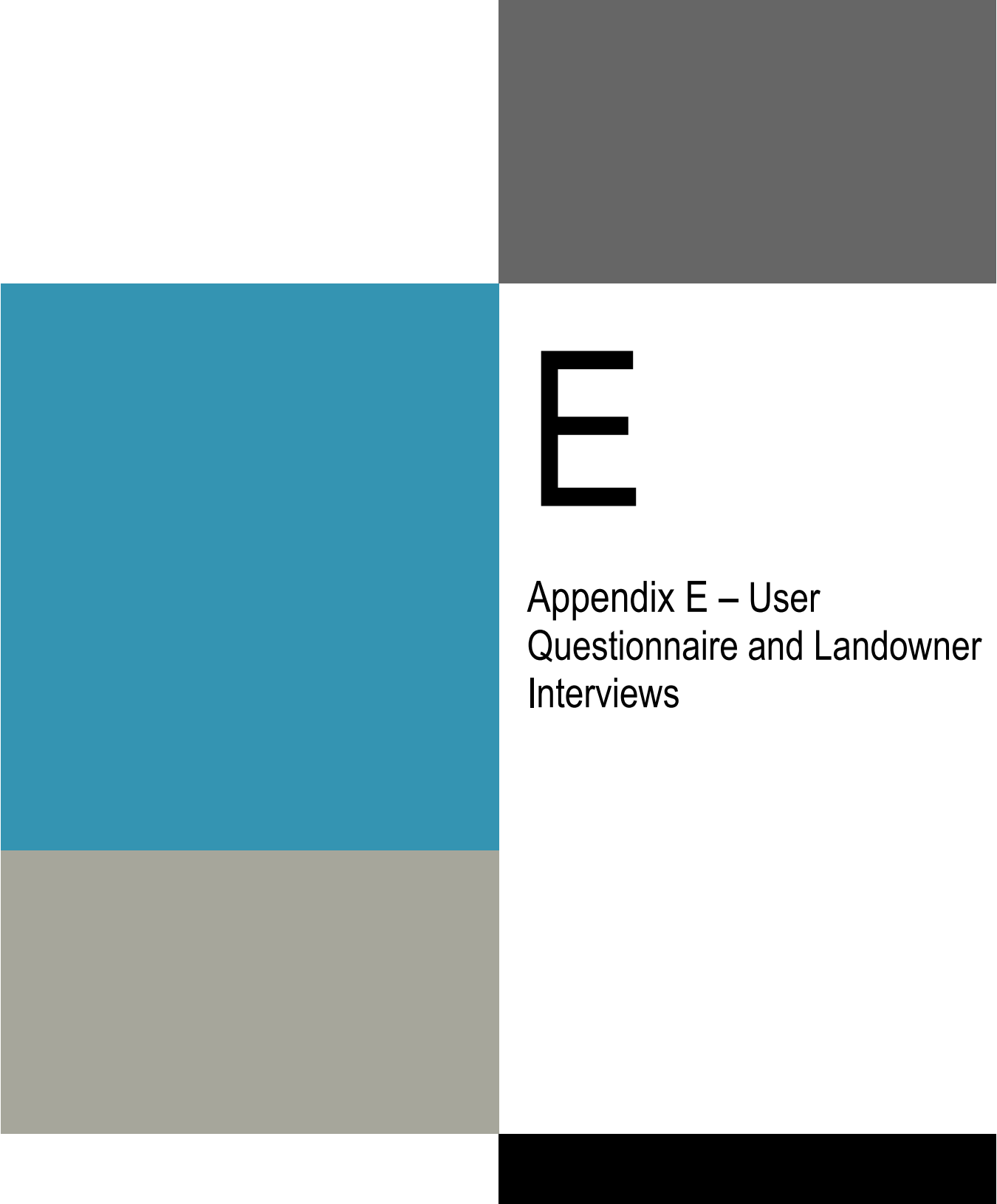
HIGHLAND ST

1992

(Cont'd)

219	BROWN, MELVIN
222	SMITH, WILLIS
225	HARRISON, W B
226	DAVAULT, FRONIE
	LITTLEJOHN, DELORES
227	HENSON, STAN
228	MAXWELL, JAMES M
230	MILLER, T E
231	TUCKER, L S
232	TRAVIS, WILLIAM
235	BROWN, SHIRLEY D
238	JOHNSON, GEORGE
239	JENKINS, JERRY
245	CALDWELL, PRESS B
246	ROSE, DAVID
248	WALKER, ONICE L
252	GOAD, ROBERT E
258	DICKERSON, WILLIAM J
264	WALSH, PAGE
280	KING, JOE
283	WILLIAMS, JOHN W
284	FINCHER, BETTY
	WISEMAN, LILLIE B
285	ROSE, CLYDE
287	USELTON, JOHN
288	FISH, JACK
293	KING, JOHN
294	WALKER, GIFFORD D
297	CASEY, MARION
300	CRINER, WILLIAM SR
301	FULLEN, T D
304	WOODS, WILLIAM J
305	GARRETT, LINAS
309	GOFORTH, EVELYN M
311	PIKE, ACIE
313	CHERRY, STEVE
321	MILLER, THOMAS
322	KELLEY, EDDIE L
344	BROGDON, JAMES
2032	LOWRY, HOWARD S
2037	STEPHENSON, TERRY
2038	DOTSON, CARL
22512	GAINES, MILTON
22712	CONRAD, MAMIE
	HARDEE, LEIGHA S
	TIPPS, MARY A

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E

Appendix E – User Questionnaire and Landowner Interviews



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User Questionnaire

Phase I Environmental Site Assessment

ASTM Practice E1527-13

Purpose:

In order to qualify for one of the *Landonner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “*Brownfields Amendments*”), the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that “*all appropriate inquiries*” is not complete.

User Provided Information:

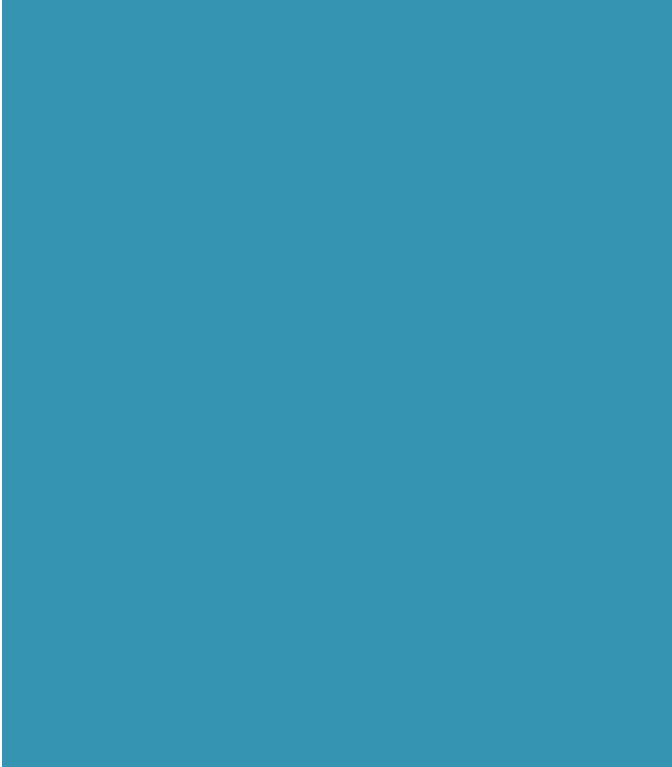
Project Name:	SR Ripley II	
User Name/Company	Silicon Ranch Corporation	
Questionnaire Completed By	Chris Eidman	Title Senior Associate, Project Development
Date Completed	10/30/23	
Reason for Phase I ESA	purchase option - solar facility	
Type of Property	agricultural	
Type of Transaction (i.e. sale, lease, etc.)	purchase option 0 sale	
Complete Address or Documentation showing Project Boundary	Sadler Dr. Ripley, TN	
Site Contact (if applicable)	Chris Eidman	
Previous Environmental Investigations (if applicable)	N/A	
Any Special Considerations outside the required scope of services of E1527-13		

Questions:

<p>1. Did a search of recorded land title records (or judicial records where appropriate*) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law? <i>In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens.</i></p>
No
<p>2. Did a search of recorded land title records (or judicial records where appropriate) identify any Activity and Use Limitations (AULs), such as engineering or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law? <i>In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for AULs.</i></p>
No

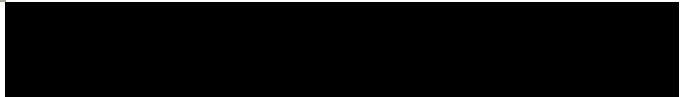
3. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	
No	
4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	
Yes	
5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:	
(a.) Do you know the past uses of the property?	Agriculture
(b.) Do you know of specific chemicals that are present or once were present at the property?	No
(c.) Do you know of spills or other chemical releases that have taken place at the property?	No
(d.) Do you know of any environmental cleanups that have taken place at the property?	No
6. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	
No	





F

Appendix F – Site Photographs





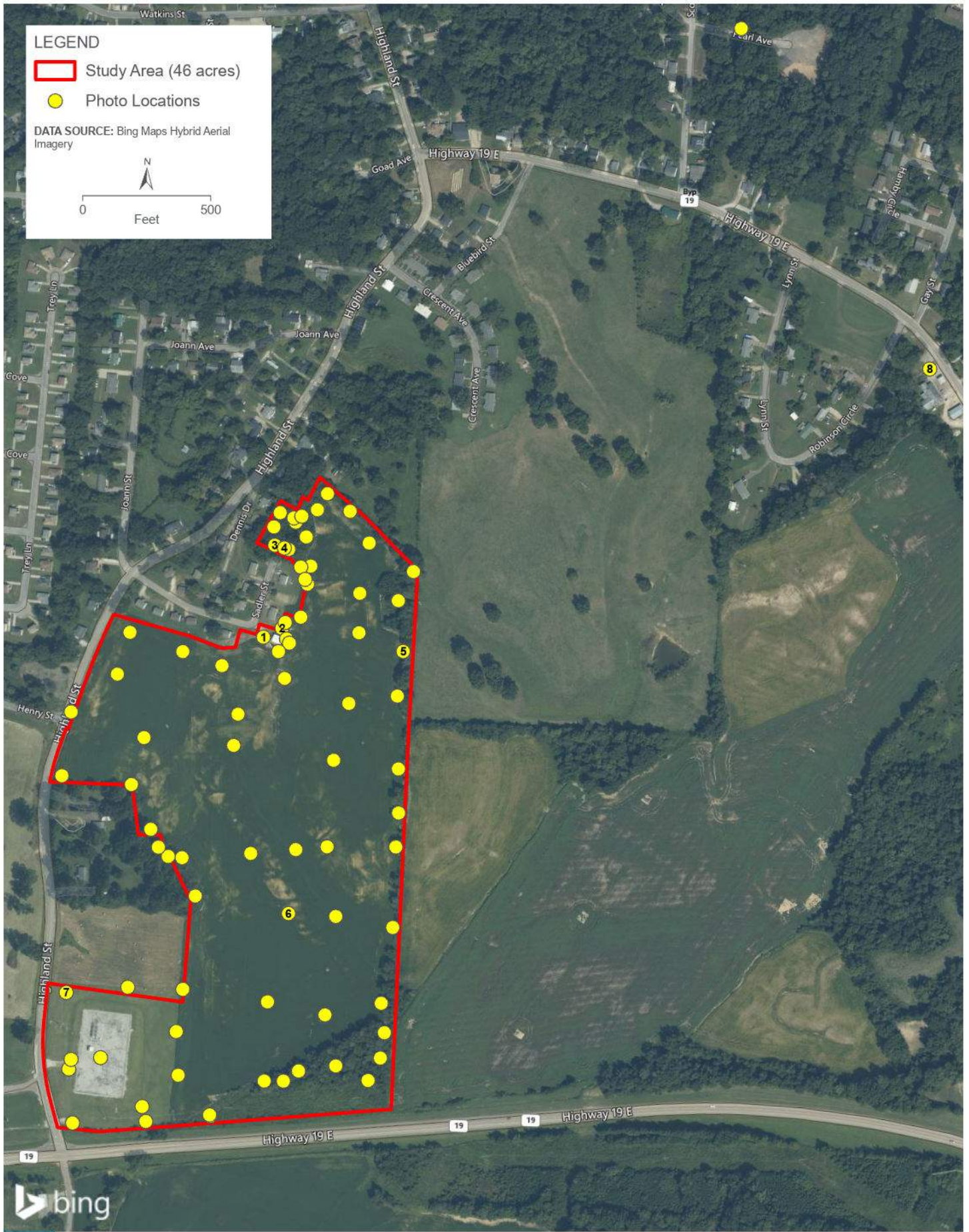
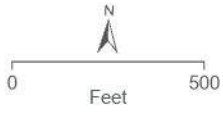
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LEGEND

 Study Area (46 acres)

 Photo Locations

DATA SOURCE: Bing Maps Hybrid Aerial Imagery



SR RIPLEY II - PROCTOR PROPERTY
PHOTO LOCATIONS

Figure 4



Photograph 1 – Abandoned structure with appliances, view to the southeast.



Photograph 2 – Water spigot outside abandoned structure, view to the south.



Photograph 3 – Dumped debris consisting of tires, wood, and household garbage in northern portion of the Subject Property, view to the northwest.



Photograph 4 – Discarded debris in the northern portion of the Subject Property, view southwest.



Photograph 5 – Drainage riser in the corn field, view southeast.



Photograph 6 – Example of harvested corn field on the Subject Property, view north.



Photograph 7 – Electrical substation southeast of parcel, view southeast.



Photograph 8 – L&M Market, view east.



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