



REPORT OF ENVIRONMENTAL SITE ASSESSMENT: PHASE I  
350 DOE CREEK ROAD  
LITTLE ELM, TEXAS  
BUILDING & EARTH PROJECT NO.: DF220047

*PREPARED FOR:*

Mr. Ajay Kumar

*MAY 27, 2022*

**BUILDING & EARTH**

Geotechnical, Environmental, and Materials Engineers



Geotechnical, Environmental, and Materials Engineers

8420 Sterling Street, Suite B  
Irving, TX 75063  
Ph: (469) 320-9800  
[www.BuildingAndEarth.com](http://www.BuildingAndEarth.com)

May 27, 2022

Mr. Ajay Kumar  
16380 Moss Haven Lane  
Little Elm, TX 75068

Attention: Ajay Kumar ([g.ajaykumar@gmail.com](mailto:g.ajaykumar@gmail.com))

Subject: Report of Phase I Environmental Site Assessment  
350 Doe Creek Road  
Little Elm, Texas  
Building & Earth Project No: DF220047

Dear Mr. Kumar:

Building & Earth Sciences, Inc. has completed the authorized Phase I Environmental Site Assessment (ESA) for the subject property located at 350 Doe Creek Road in Little Elm, TX 75068. This Phase I ESA was conducted in general accordance with the proposed scope of work and with the terms and conditions stated in Building & Earth's Proposal No. DF24075, dated May 16, 2022. This report presents findings and conclusions based on information that was reasonably ascertainable and/or readily apparent during the preparation of this Phase I ESA.

We appreciate the opportunity to work with you on this project. If you have any questions regarding the information contained in this report, please do not hesitate to call.

Respectfully Submitted,  
**BUILDING & EARTH SCIENCES, INC.**

Sandra Ives  
Project Coordinator

Jeff Richardson, P.G.  
Environmental Professional

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## 1.0 EXECUTIVE SUMMARY

Building & Earth was authorized by Mr. Ajay Kumar, to perform a Phase I Environmental Site Assessment (ESA) for the approximate 3.186-acre parcel of land located at 350 Doe Creek Road, Little Elm, Texas 75068 in Little Elm, Texas.

The Phase I ESA was performed in general accordance with ASTM E 1527-13, *Standard Practice for Environmental Site Assessments*. The Phase I ESA consisted of a review of applicable and reasonably ascertainable government and historical records, a site reconnaissance of the subject property, and interviews with persons knowledgeable about the subject property. The goal of a Phase I ESA is to identify recognized environmental conditions (RECs). The term *recognized environmental condition* means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. Completion of the Phase I ESA constitutes all appropriate inquiry into the previous ownership and uses of the property.

It is our understanding that Mr. Ajay Kumar is purchasing the property that is subject of this ESA and is the User for which the report will support an innocent landowner defense to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

Environmental Data Resources (EDR) was retained to conduct a search of government records. Building & Earth reviewed the EDR Radius Map™ Report with GeoCheck®. Nothing in the government records provided by EDR constitutes a REC on the subject property.

Searches of historical records, also provided by EDR, included review of aerial photographs, fire insurance maps, USGS topographic maps and other sources. Nothing in the historical records constitutes a REC on the subject property.

Nothing observed during the site reconnaissance constitutes a REC on the subject property.

Nothing discovered in the interviews with current manager of orchard activities constitutes a REC on the subject property.

The user of this report is encouraged to read the entire report for detailed descriptions of the property and the observations and judgments made by Building & Earth. The user is ultimately responsible for assessing whether the limitations of the ASTM practice and this project's scope of work are appropriate to the level of risk the user assumes concerning the subject property.

## **2.0 INTRODUCTION**

### **2.1 LOCATION AND LEGAL DESCRIPTION**

The subject property is located at 350 Doe Creek Road, Little Elm, Texas 75068 (Figure 1). The latitude and longitude of the approximate center of the subject property are 33° 12' 41.60" North, 96° 53' 47.57" West.

A Schematic Site Plan (Figure 2), provided by Ajay Kumar, shows the boundaries of the subject property. These boundaries were used during all database searches; past use determinations based on maps, photos, etc.; and site reconnaissance.

A legal description was provided by the User at the time of this report as A0590A HICKS<TR 2,4, 3.186 ACRES. The Denton County GIS Tax Map identifies the subject property as Parcel # 62133, with property in two areas, containing 0.37 acres and 2.76 acres.

### **2.2 PURPOSE**

The purpose of this Phase I Environmental Site Assessment was to identify recognized environmental conditions in connection with the subject property within the scope established by ASTM E 1527-13 and to support an innocent landowner defense to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability for a User meeting the requirements.

### **2.3 SCOPE OF SERVICES**

This Phase I ESA was conducted in accordance with the guidelines established by ASTM E 1527-13 and with Building & Earth's Proposal No. DF24075 authorized by Mr. Ajay Kumar. It was not the purpose of this study to determine the actual presence, degree and/or extent of contamination, if any, on the subject property.

In addition, Mr. Kumar requested that Building & Earth perform the user obligation of review of readily available records for environmental liens and activity and use limitations for the subject property.

### **2.4 SIGNIFICANT ASSUMPTIONS**

Building & Earth assumes that information provided by others about the subject property, including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews is accurate and correct. Building & Earth had no actual knowledge that nor was it obvious that the information provided by others was or was not correct. We did not independently verify the information provided by others.

Building & Earth is not responsible for: any errors, omissions or inaccuracies in reasonably ascertainable information or undisclosed environmental conditions and is not responsible for any conclusions or opinions made by others based on this report.

Groundwater flow directions, unless otherwise determined using on-site well data, or well data from adjacent sites is assumed to follow contours appearing on United States Geological Survey topographic maps.

Building & Earth assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

## **2.5 LIMITATIONS & EXCEPTIONS**

A Phase I ESA is not a comprehensive site characterization and should not be construed as such. Specifically, limitations stated in ASTM E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, and in Building & Earth's Terms and Conditions apply to this report.

The earliest source readily available indicates that the property was developed in 1942. We were unable to determine when the subject property was first developed. We were unsuccessful in attempts to interview local officials about the history of the subject property. We are aware of no other limiting factors (i.e., heavy vegetation, undisclosed documents, locked buildings, etc.) in conjunction with the subject property.

This Phase I ESA was performed without exceptions.

Additional services were beyond the scope of this Phase I ESA.

## **2.6 DEVIATIONS**

Building & Earth performed the Phase I ESA in accordance with the practices of ASTM E 1527-13 without deviations.

## **2.7 RELIANCE**

This assessment has been prepared for the sole use of Ajay Kumar and his attorneys, assigns and lenders, and may be relied upon by them subject to the terms and conditions of the accepted proposal between Ajay Kumar and Building & Earth Sciences, Inc.

This assessment should not be relied upon by other parties, or other developments on the same property, without the express written consent of Ajay Kumar and Building & Earth Sciences, Inc.



Reliance does not constitute the legal entitlement to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Only the User(s) who have met the User's specific responsibilities may expect to qualify for such.

## **2.8 PASSAGE OF TIME**

This report reflects site conditions observed and described by records available to Building & Earth as of the date of report preparation. The passage of time may result in significant changes in site conditions, technology, or economic conditions that could alter the findings and/or recommendations appearing in this report. Accordingly, Building & Earth's client and any other party to whom the report is provided recognize and agree that Building & Earth shall bear no liability for deviations from observed conditions or available records due to the passage of time.

## **2.9 REPORT VIABILITY**

According to Section 4.6 of ASTM E1527-13, this report is viable up to 180 days from the date that is the earliest of the following five tasks: the interview(s) of past and present owners and occupants; the recorded environmental cleanup lien search; the government record review; the visual inspection of the subject property and adjoining properties; and the declaration by the environmental professional responsible for the assessment or update.

<b>ACTIVITY</b>	<b>DATE</b>
Date of Interview of Past and Present Owners and Occupants Identified in Section 10 of ASTM 1527-13	5/26/2022
Date of Recorded Environmental Cleanup Lien Search*	5/23/2022
Date of Government Record Review	5/23/2022
Date of Visual Inspection of Subject and Adjoining Properties	5/25/2022
Date of Environmental Professional Declaration	05/27/2022
Report Viability Date	09/19/2022

\* Section 6.2 of ASTM E 1527-13 lists this as a responsibility of the Report User. On behalf of the User, Building & Earth obtained a copy of the current deed for the subject property and reviewed it. No information regarding environmental liens or AULs was found and no information regarding environmental liens or AULs known to the User were reported to Building & Earth.

### **3.0 USER PROVIDED INFORMATION**

The following information has been summarized from questionnaires completed by Mr. Ajay Kumar. The completed questionnaires are included in Appendix B.

#### **3.1 ENVIRONMENTAL LIENS**

Mr. Kumar stated that he is unaware of any environmental cleanup liens against the property that have been filed or recorded under federal, state, tribal or local laws.

#### **3.2 ACTIVITY AND USE LIMITATIONS**

Mr. Kumar stated that he is unaware of any land use limitations in place.

#### **3.3 SPECIALIZED KNOWLEDGE**

Mr. Kumar stated that as the user of this ESA, he has neither specialized knowledge, nor experience related to the property or adjoining properties as it relates to chemicals or processes used by businesses, if any on those properties.

#### **3.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

Mr. Kumar stated that the purchase price being paid for this property reasonably reflects the fair market value and does not reflect a value reduction associated with environmental issues.

#### **3.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

Mr. Kumar stated that he had no knowledge of specific chemicals that are present or once were present at the subject property; spills or other chemical releases that have taken place at the subject property; or any environmental cleanups that have taken place at the subject property.

#### **3.6 DEGREE OF OBVIOUSNESS OF CONTAMINATION**

Mr. Kumar stated that as the user of this ESA, based on his knowledge and experience related to the property, that there are no obvious indicators that point to the presence or likely presence of contamination affecting the subject property.

#### **3.7 REASON PHASE I ESA IS REQUIRED**

Mr. Kumar provided lender and ownership requirements as a reason for the ESA in addition to qualifying for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments").

## 4.0 RECORD REVIEW

### 4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Building & Earth conducted a review of specific lists published by Federal, State, and Tribal regulatory agencies. This review was conducted to determine if the subject property, adjoining properties, or surrounding properties are listed as having been regulated by the Environmental Protection Agency (EPA), by the Texas Commission on Environmental Quality (TCEQ), or by various Tribal agencies. Information concerning these listings was provided to Building & Earth in a report (Appendix C) prepared by Environment Data Resources, Inc. (EDR). This review is subject to certain limitations, as stated in the report summary provided by EDR. The Federal, State, and Tribal regulatory listings reviewed by Building & Earth are summarized in the table below.

#### 4.1.1 FEDERAL, STATE AND TRIBAL REGULATORY LISTING REVIEW

- **A review of available information shows that, unless noted otherwise, the subject property is not listed in any of the following federal, state, or tribal databases.**
- **A review of available information shows that, unless noted otherwise, there are no listings in any of the following federal, state, or tribal databases for any sites within the appropriate minimum search distance.**
- **It should be noted that Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LUSTs) and Aboveground Storage Tanks (ASTs) that are undocumented or that have failed to meet TCEQ registration requirements, may not appear in the searched databases.**

DATABASE	SEARCH DISTANCE (MILES)	TARGET PROPERTY	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 - 1	>1	TOTAL PLOTTED
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.0	0	0	0	0	0	NR	0
Proposed NPL	1.0	0	0	0	0	0	NR	0
NPL LIENS	TP	0	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.0	0	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.5	0	0	0	0	NR	NR	0
SEMS	0.5	0	0	0	0	NR	NR	0

DATABASE	SEARCH DISTANCE (MILES)	TARGET PROPERTY	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 - 1	>1	TOTAL PLOTTED
<b>Federal CIRCLIS NFRAP site list</b>								
SEMS-ARCHIVE	0.5	0	0	0	0	NR	NR	0
<b>Federal RCRA CORRACTS facilities list</b>								
CORRACTS	1.0	0	0	0	0	0	NR	0
<b>Federal RCRA non-CORRACTS TSD facilities list</b>								
RCRA-TSDF	0.5	0	0	0	0	NR	NR	0
<b>Federal RCRA generators list</b>								
RCRA-LQG	0.25	0	0	0	NR	NR	NR	0
RCRA-SQG	0.25	0	0	0	NR	NR	NR	0
RCRA-VSQG	0.25	0	0	0	NR	NR	NR	0
<b>Federal institutional controls / engineering controls registries</b>								
LUCIS	0.5	0	0	0	0	NR	NR	0
US ENG CONTROLS	0.5	0	0	0	0	NR	NR	0
US INST CONTROL	0.5	0	0	0	0	NR	NR	0
<b>Federal ERNS list</b>								
ERNS	TP	0	NR	NR	NR	NR	NR	0
<b>State and tribal – equivalent CERCLIS</b>								
SHWS	1.0	0	0	0	0	0	NR	0
<b>State and tribal landfill and/or solid waste disposal site lists</b>								
SWF/LF	0.5	0	0	0	0	NR	NR	0
<b>State and tribal leaking storage tank lists</b>								
LAST	0.5	0	0	0	0	NR	NR	0
LUST	0.5	0	0	0	0	NR	NR	0
INDIAN LUST	0.5	0	0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.25	0	0	0	NR	NR	NR	0
UST	0.25	0	0	0	NR	NR	NR	0
AST	0.25	0	0	0	NR	NR	NR	0
INDIAN UST	0.25	0	0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.5	0	0	0	0	NR	NR	0
AUL	0.5	0	0	0	0	NR	NR	0
INST CONTROL	0.5	0	0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								

DATABASE	SEARCH DISTANCE (MILES)	TARGET PROPERTY	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 - 1	>1	TOTAL PLOTTED
INDIAN VCP	0.5	0	0	0	0	NR	NR	0
VCP	0.5	0	0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.5	0	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.5	0	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	0.5	0	0	0	0	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.25	0	0	0	NR	NR	NR	0
<b>EDR HIGH RISK HISTORICAL RECORDS</b>								
<b>EDR Exclusive Records</b>								
EDR MGP	1.0	0	0	0	0	0	NR	0
EDR Hist Auto	0.125	0	0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125	0	0	NR	NR	NR	NR	0
<b>Totals</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:

- TP = Target Property
- NR = Not Requested at This Search Distance
- Sites may be listed in more than one database

See the EDR Radius Map™ Report with GeoCheck® for a complete list of additional government databases that were checked.

**4.1.2 EDR ORPHAN SUMMARY**

No sites were listed in the EDR Orphan Summary.

**4.2 PHYSICAL SETTING SOURCE**

Based upon USDA Natural Resources Conservation Service data in the EDR report, the original soils associated with the subject property consist of clay.

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

- Soil Drainage Class: Well drained.
- Hydric Status: Not hydric.

#### **4.2.1 TOPOGRAPHIC CONDITIONS**

The subject property appears on the Little Elm, TX and Frisco, TX Quadrangle of the U.S.G.S. 7.5-minute series topographic map with contour intervals of 10 feet, printed in 2019 (Figure 3). The average site elevation, as shown on the topographic map, is approximately 552 feet above mean sea level.

The general area slopes to the west and to the north. A few streams, creeks and lakes are also located in the area, generally to the northwest and south of the subject property.

#### **4.2.2 GEOLOGIC CONDITIONS**

Published geologic maps indicate that the subject property is underlain by two geologic formations, the Austin and Eagle Ford Groups of the Cretaceous System and Mesozoic Era.

The Austin Chalk formation consists of upper and lower parts, chalk, light-gray, massive, some interbeds and partings of calcareous clay, marine megafossils scarce. Middle part, mostly thin-bedded marl with interbeds and partings of calcareous clay, marine megafossils scarce. Middle part, mostly thin-bedded marl with interbeds of massive chalk, light-gray, weathers white, marine megafossils scarce. Thickness of Austin Chalk (undivided) approximately 600 feet.

The Eagle Ford Group is shale, medium- to dark-gray, selenitic, bituminous, calcareous concretions and septaria common, some thin platy beds of sandstone and sandy limestone in middle and upper parts, marine megafossils. Lower 25 feet of formation is composed of limestone, bluish-gray, weathers to yellow, silty, thin-bedded, flaggy, thin beds of blue calcareous siltstone and blue silty shale. Thickness of Eagle Ford Formation 300 to 400 feet.

#### **4.2.3 HYDROGEOLOGIC CONDITIONS**

Under natural, undisturbed conditions, shallow groundwater flow generally follows the topography of the land surface. On this basis, the topography suggests that groundwater flows to the general northwest. However, localized conditions can alter flow directions; therefore, the expected flow may not coincide with actual groundwater flow in the subject area. Groundwater maps were not reasonably ascertainable for the subject property.

#### **4.2.4 HYDROLOGIC CONDITIONS**

There were no ponds or hydrologic features on the subject property.

#### **4.3 HISTORICAL USE INFORMATION ON THE PROPERTY AND ADJOINING PROPERTIES**

Historical research was conducted to aid in determining past use of the subject property and adjoining properties. This research included reviews of reasonably ascertainable documentation obtained from aerial photographs, fire insurance maps, USGS topographic maps, and street directories.

##### **4.3.1 AERIAL PHOTOGRAPHS**

Aerial photographs for the years 1942, 1951, 1968, 1972, 1981, 1989, 2005, 2008, 2012 and 2016 were reviewed. The photographs were obtained from EDR, and are included in Appendix C, for reference. It should be noted that the aerial photograph review is primarily applicable for general site use chronology. Available historical and aerial photographs are often not of sufficient scale and/or clarity to depict site-specific activities. The following was noted:

The aerial photograph from 1942 and 1951 show the subject property as agriculturally developed land with no structures. The road that is just south of the two portions of subject property is in the 1968 photograph. In the 1972 and 1981 aerial photograph, there is a tributary running north to south across the northeastern portion of the property. The subject property looks generally unchanged from 1981 through 2008. However, in 2012, the subject property, including both portions are distinguished from the properties around them and easily seen as newly developed. Also, the power lines that go over the eastern portion of the easternmost property are apparent. The subject property is still developed in the 2016 photograph.

The properties in the surrounding area appear to be a mixture of residential and private and public properties. An increase in development in the surrounding properties is shown throughout the years.

##### **4.3.2 HISTORICAL TOPOGRAPHIC MAPS**

Historical topographic maps including: the 1929 Frisco, TX (15-minute) quadrangle; and 1960, 1969, 2013, 2016 and 2019 Little Elm, TX and Frisco, TX (7.5-minute) quadrangle; and 1968 Little Elm, TX (7.5-minute) quadrangle; and 1978 Frisco, TX (15-minute) quadrangle were reviewed. The maps were obtained from EDR, and are included in Appendix C, for reference. It should be noted that the historical topographic map review

is primarily applicable for general site use chronology. The majority of available historical topographic maps do not generally depict site specific activities. The following was noted:

The maps of the years from 1960 on show Doe Creek Road to the south of the subject property. In the map from 2016 there is a neighborhood starting to be developed with streets to the south of the subject property. In the map from 2019, the neighborhood directly to the south with streets is mostly developed.

#### **4.3.3 SANBORN FIRE INSURANCE MAPS**

The complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information. Sanborn/Fire Insurance Maps were not available for the area.

#### **4.3.4 CITY DIRECTORY**

Directories from 1982 and 1987 provided by Cole Criss-Cross Directory were searched. Directories from 1992, 2000, 2005, 2010, 2014 and 2017 provided by EDR Digital Archives were searched to establish past uses of the subject property. 350 Doe Creek Road was provided for the subject property at the time of this report. Doe Creek Road was used for the search. Listings for these addresses returned the following:

ADDRESS	YEAR	FINDING
355 Doe Creek Road	2017, 2014, 2010, 2017 2005	Mullins, Charles G Mullins Communications
400 Doe Creek Road	1995, 2000, 2005 2010, 2014	Kirch, David Ueckert, Douglas E

#### **4.4 PREVIOUS ENVIRONMENTAL SITE ASSESSMENT**

No previous ESAs were provided to Building & Earth.

#### **4.5 VAPOR ENCROACHMENT SCREENING**

The subject property was screened based on ASTM E 2600 Tier 1. Building & Earth conducted a vapor encroachment screening using the EDR VEC App. There were no findings of Vapor Encroachment Conditions (VEC) within the applicable area of concern. The EDR Vapor Encroachment Screen Report is included in Appendix C.

#### **4.6 ENVIRONMENTAL LIEN & AUL SEARCH**

Building & Earth was engaged to perform the search of title and/or judicial records for environmental liens and activity and use limitations by the user of this report. We ordered and reviewed the EDR Environmental Lien and AUL Search Report and found no evidence



of environmental liens or AULs. The EDR Environmental Lien and AUL Search Report is included in Appendix C.

## **5.0 SITE RECONNAISSANCE**

### **5.1 METHODOLOGY & LIMITING CONDITIONS**

The site reconnaissance of the subject property was conducted on May 25, 2022, by Sandra Ives. The weather the day before the site reconnaissance was generally overcast with a high temperature of approximately 80°F and an overnight low of approximately 55°F. The weather at the time of the reconnaissance was partially cloudy and breezy with a temperature of approximately 70°F.

The periphery of the subject property was first visually and physically observed by walking around the site. The subject property was then visually and physically observed by systematically crisscrossing on foot in an approximate 50-foot grid. There was one metal building onsite, which housed hand tools. There were no conditions limiting our reconnaissance. Photographs taken during the site reconnaissance are included in Appendix D.

### **5.2 GENERAL SITE SETTING**

#### **5.2.1 CURRENT AND PAST USES OF THE PROPERTY**

The subject property is currently in use as an orchard and for gardening. No obvious evidence was observed identifying other past uses of the subject property.

#### **5.2.2 CURRENT AND PAST USES OF ADJOINING PROPERTIES**

The subject property is adjoined by vacant property to the north. The subject property is adjoined by Doe Creek Montessori Academy to the east of the easternmost property. Both sections of the property are bordered by Doe Creek Road to the south, with a neighborhood and a public school beyond that. To the west of the easternmost property, there is vacant property. To the west of the westernmost property, there is a property easement adjoining the subject property with a neighborhood of single-family dwellings beyond that. No obvious evidence was observed identifying past uses of the adjoining properties.

#### **5.2.3 CURRENT AND PAST USES OF SURROUNDING AREA**

The properties in the surrounding area are generally residential with schools. No obvious evidence was observed identifying past uses of the properties in the surrounding area.

### **5.3 SITE AND SURROUNDING TOPOGRAPHY**

The subject property generally slopes to the west and south. There was a retaining wall separating the adjoining property to the east of the easternmost property.

### **5.4 STRUCTURES**

#### **5.4.1 GENERAL DESCRIPTION**

There are no structures on the subject property besides the small metal building used to house hand tools.

#### **5.4.2 INTERIOR OBSERVATIONS**

##### **Heating/Cooling**

N/A

##### **Stain or Corrosion**

N/A

##### **Drains and Sumps**

N/A

### **5.5 ROADS AND PARKING**

There is a short caliche and gravel road onto the easternmost property to the metal building.

### **5.6 POTABLE WATER SUPPLY**

Potable water is supplied by local utilities. There are water lines throughout the subject property.

### **5.7 SEWAGE DISPOSAL SYSTEM**

Sewage disposal is supplied by local utilities.

### **5.8 EXTERIOR OBSERVATIONS**

#### **5.8.1 STORAGE TANKS**

There were no above ground storage tanks observed on the subject property. No vent pipes, fill pipes, or access ways indicating the presence of underground storage tanks were observed on the subject property.

### **5.8.2 ODORS**

No strong, pungent or noxious odors were observed.

### **5.8.3 POOLS OF LIQUID**

No pools of liquid were observed.

### **5.8.4 DRUMS**

No drums were observed.

### **5.8.5 HAZARDOUS SUBSTANCE AND PETROLEUM PRODUCTS CONTAINERS**

No hazardous substances or petroleum product containers were observed.

### **5.8.6 PCBs**

There was a pole mounted transformer located near the subject property on the right of way for Doe Creek Road. Most power companies phased out operations of PCB-containing transformers by 1980. Therefore, the potential for PCB-containing transformers on the property is considered low. No determination was made whether the equipment contained PCBs. No evidence of staining, dripping or distressed vegetation was observed under or around the transformer. No other potentially PCB-containing equipment was observed.

### **5.8.7 PITS**

There were no pits observed on the subject property.

### **5.8.8 PONDS, LAGOONS, OR STREAMS**

No ponds, lagoons or streams were observed.

### **5.8.9 STAINED SOILS**

There were no stained soils observed on the subject property.

### **5.8.10 STRESSED VEGETATION**

No stressed vegetation was observed on the subject property.

### **5.8.11 SOLID WASTE**

No solid waste was observed. No indications were observed that the subject property had been used as a landfill or dump.

### **5.8.12 STORMWATER**

There were two curb inlets along the west boundary of the subject property. No evidence of hazardous substances or petroleum products was observed at the point of entry into the inlets.

### **5.8.13 WELLS**

No dry wells, irrigation wells, injection wells, abandoned wells, or other wells were observed.

### **5.8.14 SEPTIC SYSTEMS**

No septic systems were observed on the subject property.

DRAFT

## **6.0 INTERVIEWS**

### **6.1 INTERVIEW WITH OWNERS**

Building & Earth sent a questionnaire to Mr. Ajay Kumar to send to the owner of the subject property. To date, we have not received a response.

### **6.2 INTERVIEW WITH LOCAL GOVERNMENT OFFICIALS**

On May 20, 2022, Building & Earth sent a written questionnaire to the Town of Little Elm Fire Department. We attempted to follow up with the Fire Department a few times, however, as of the date of this report we have not received a response.

DRAFT

## **7.0 EVALUATION**

### **7.1 HISTORICAL SUMMARY**

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-13 were used to determine previous uses and occupancies of the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historic city directories, Sanborn fire insurance maps and agency records is as follows:

<b>DATE RANGE</b>	<b>SUBJECT PROPERTY DESCRIPTION/USE</b>	<b>SOURCE(S)</b>
Prior to 1942	Unknown	---
1942 – 2011	Developed / Farmland	Topographic Maps, Aerial Photographs, City Directories, Interviews
2012 – present	Orchard / Containerized Farming	Topographic Maps, Interviews, Site Reconnaissance

### **7.2 FINDINGS**

This section identifies potential or suspected RECs, controlled RECs, or historical RECs.

#### **7.2.1 ONSITE FINDINGS**

Based upon review of applicable and reasonably ascertainable government and historical records, a site reconnaissance of the subject property, and interviews with persons knowledgeable about the subject property there were no findings of potential RECs, controlled RECs, or historical RECs on the subject property.

#### **7.2.2 OFFSITE FINDINGS**

Based upon review of applicable and reasonably ascertainable government and historical records, a site reconnaissance of the subject property, and interviews with persons knowledgeable about the subject property there were no offsite findings within applicable search distances of the subject property. See the EDR Radius Map™ Report with GeoCheck® for more details.

### **7.3 DATA GAPS / DATA FAILURES**

As required by ASTM 1527-13, Building & Earth attempted to identify all obvious uses of the property back to 1940 or its first developed use, whichever is earlier. According to the ASTM, data gaps occur when the Environmental Professional is unable to obtain information required, despite good faith efforts to gather such information. Data failure is one type of data gap that occurs when all of the standard historical sources that are

reasonably ascertainable and likely to be useful have been reviewed and yet the objectives stated at the beginning of this section have not been met.

Our research indicates that the subject property was developed in 1942. We were unable to determine when the subject property was first developed, thus a data failure exists.

#### **7.4 OPINION**

To evaluate which of the findings in Section 7.2, if any, present an environmental risk to the subject property, Building & Earth considered the following criteria:

- The type of database on which the finding is identified.
- The topographic position of the finding relative to the subject property.
- The direction and distance of the identified finding from the subject property.
- Local soil conditions in the subject property area.
- The known or inferred groundwater flow direction in the subject property area.
- The status of the respective regulatory agency-required investigation(s) of the finding, if any.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the finding and the subject property.

Only those findings that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. **Using the above referenced criteria, Building & Earth identified no findings that would present an environmental risk to the subject property.**

Due to the rural nature of the subject property and surrounding area, it is our opinion that neither the inability to interview a local government official, nor the data failure significantly impact our ability to identify RECs.

## 7.5 CONCLUSION

Building & Earth Sciences, Inc. has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for 350 Doe Creek Road, Little Elm, Texas, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. **This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.**

## 7.6 REFERENCES

<http://maps.google.com>

<http://www.dentoncad.com>

EDR Inquiry Number 6991004, including:

- The EDR Radius Map™ Report with GeoCheck® Package

- The EDR Aerial Photo Decade Package

- EDR Historical Topographic Map Report

- Certified Sanborn® Map Report

- The EDR-City Directory Abstract

- EDR Environmental Lien and AUL Search Report

- EDR Vapor Encroachment Screen



### 7.7 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

I, Jeff Richardson, P.G., 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 (CFR) 312.

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 the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

### 7.8 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

By signing below, I agree that I have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property. We hope this report satisfies your needs relative to the project at this time. Should you have any questions or require additional information, please do not hesitate to contact us.

Respectfully submitted,

**BUILDING & EARTH SCIENCES, INC.**



Jeff Richardson, P.G.  
Environmental Professional

5/27/2022

\_\_\_\_\_  
Date

## **8.0 NON-SCOPE SERVICES**

### **8.1 RECOMMENDATIONS**

Building & Earth Sciences, Inc. recommends no further investigation on the subject property.

However, as with any Phase I ESA, environmental conditions may exist at the site that could not be identified through the investigation scope of work and, therefore, results presented cannot guarantee or warrant that no environmental conditions exist or that the property is completely clean or free from all contamination.

### **8.2 BUSINESS RISKS**

Considerations identified by the ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: Radon; Indoor Air Quality; Lead in Drinking Water; Environmental Regulatory Compliance; High-Voltage Powerlines; Cultural, Historic, and Archeological Resources; Wetlands and Surface Waters; Threatened, Endangered, and Other Protected Species; Wildlife Sanctuaries and Other Natural Resource Preserves; Biological Agents; Mold; Potential Impacts/Implications of Environmental Issues for Site Development and Construction; Asbestos-containing Building Materials; Best Management Practices for Silviculture; Lead-Based Paint; Industrial Hygiene; Health and Safety; Ecological Resources.

These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13, and thus were not addressed.

### **8.3 PFAS**

At the time this report was prepared, neither the EPA, nor the state in which this Phase I ESA was conducted, classified Per- and Polyflouroalkyl Substances (PFAS) or other emerging contaminants as hazardous substances for the purpose of identifying Recognized Environmental Conditions during the performance of a Phase I ESA.

PFAS are a group of man-made chemicals that includes perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), GenX (a trade name for a technology that is used to make high performance fluoropolymers, e.g., some nonstick coatings, without the use of perfluorooctanoic acid), and many other chemicals. PFAS have been manufactured and used in a variety of industries around the globe, including in the United States since the 1940s. PFOA and PFOS have been the most extensively produced and studied of these chemicals. Both chemicals are very persistent in the environment and in the human body

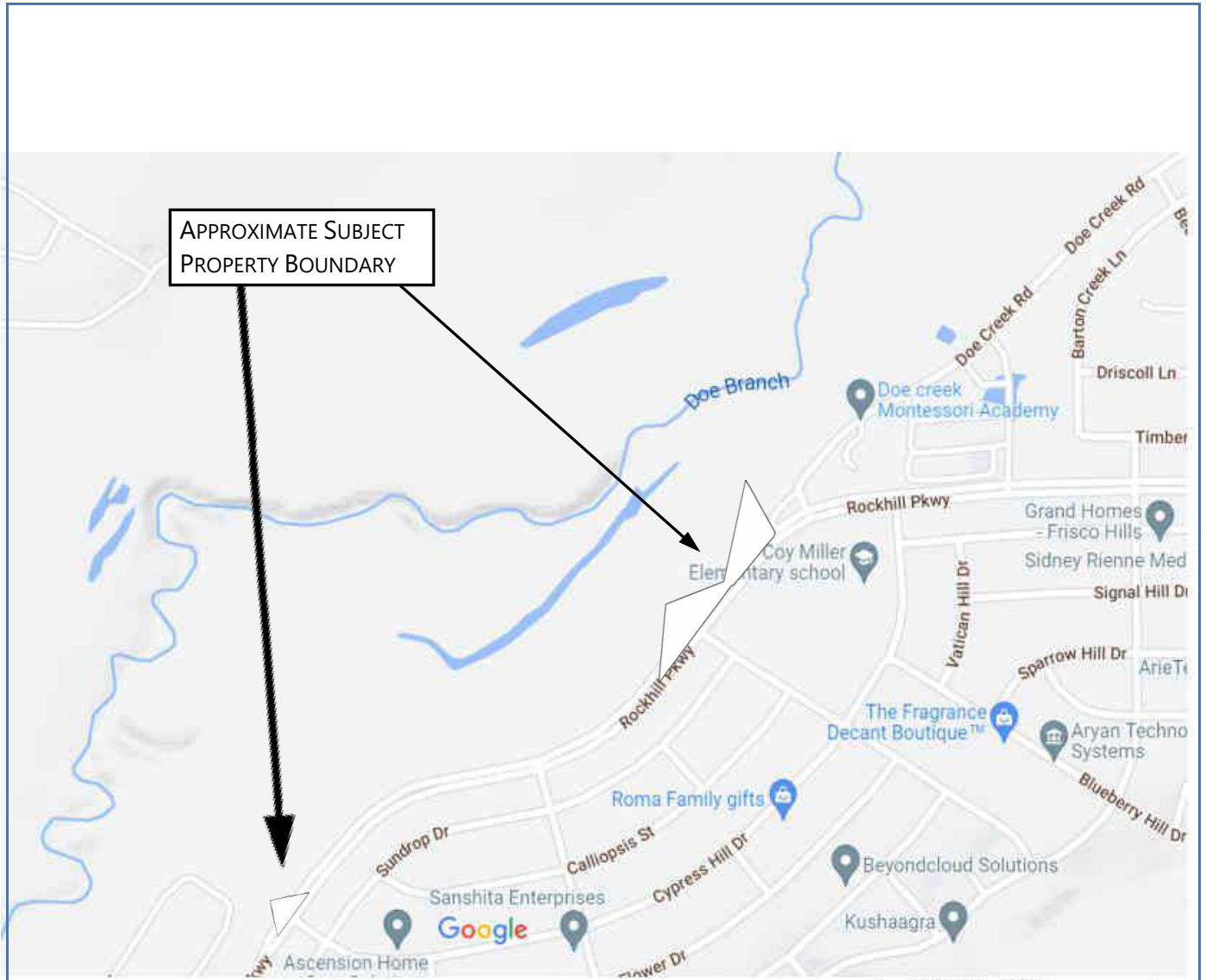
– meaning they don't break down and they can accumulate over time. There is evidence that exposure to PFAS can lead to adverse human health effects.

PFAS can be found in:

- Food packaged in PFAS-containing materials, processed with equipment that used PFAS, or grown in PFAS-contaminated soil or water.
- Commercial household products, including stain- and water-repellent fabrics, nonstick products (e.g., Teflon), polishes, waxes, paints, cleaning products, and fire-fighting foams (a major source of groundwater contamination at airports and military bases where firefighting training occurs).
- Workplace, including production facilities or industries (e.g., chrome plating, electronics manufacturing, or oil recovery) that use PFAS.
- Drinking water, typically localized, and associated with a specific facility (e.g., manufacturer, landfill, wastewater treatment plant, firefighter training facility).
- Living organisms, including fish, animals, and humans, where PFAS have the ability to build up and persist over time.

This report does not address PFAS. More information concerning PFAS can be found at <https://www.epa.gov/pfas/basic-information-pfas#difference>.

**APPENDIX A**  
**FIGURES**

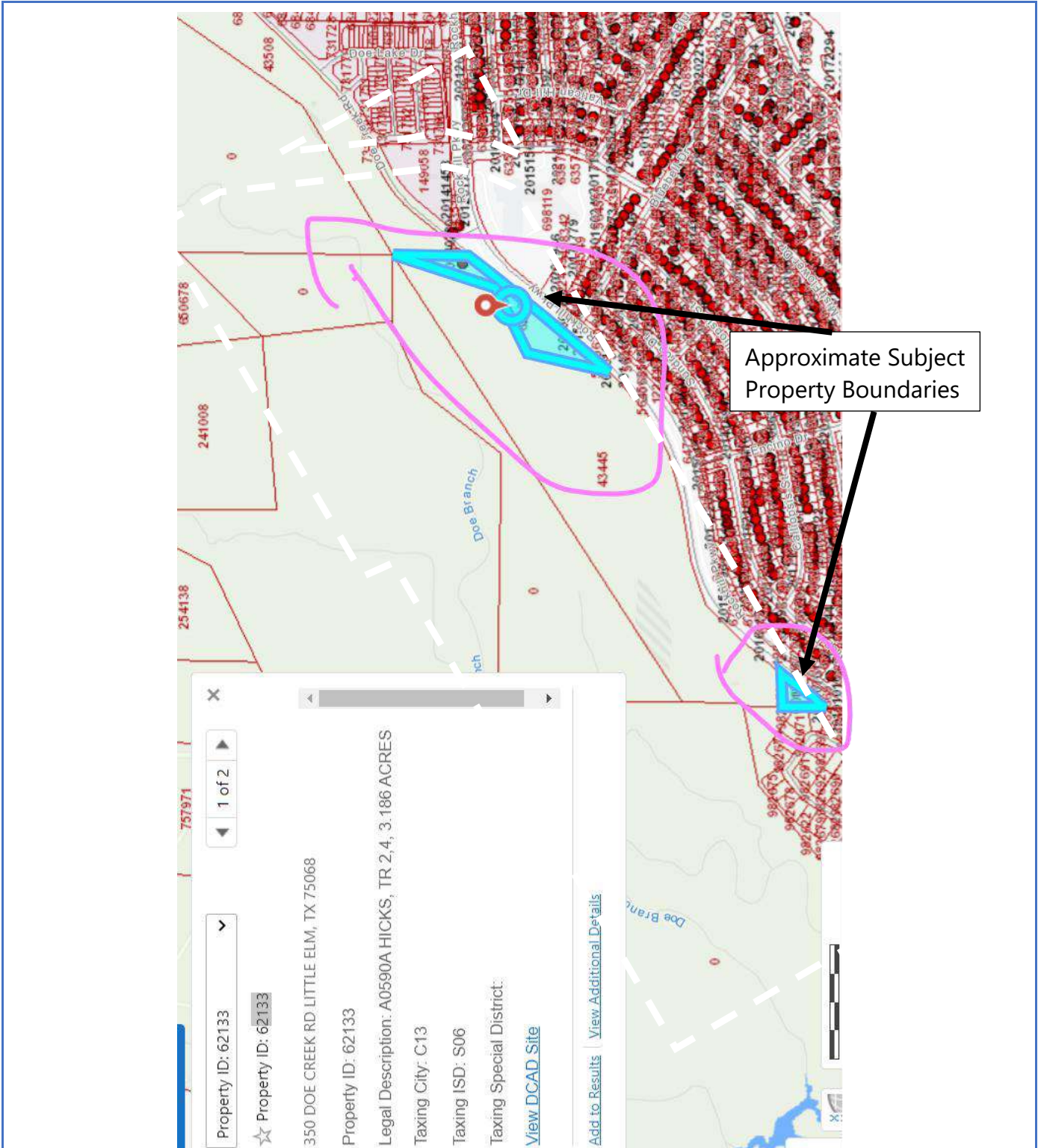


	Map data ©2022 500 ft		

<b>PROJECT NAME</b>	350 DOE CREEK ROAD, LITTLE ELM, TEXAS		
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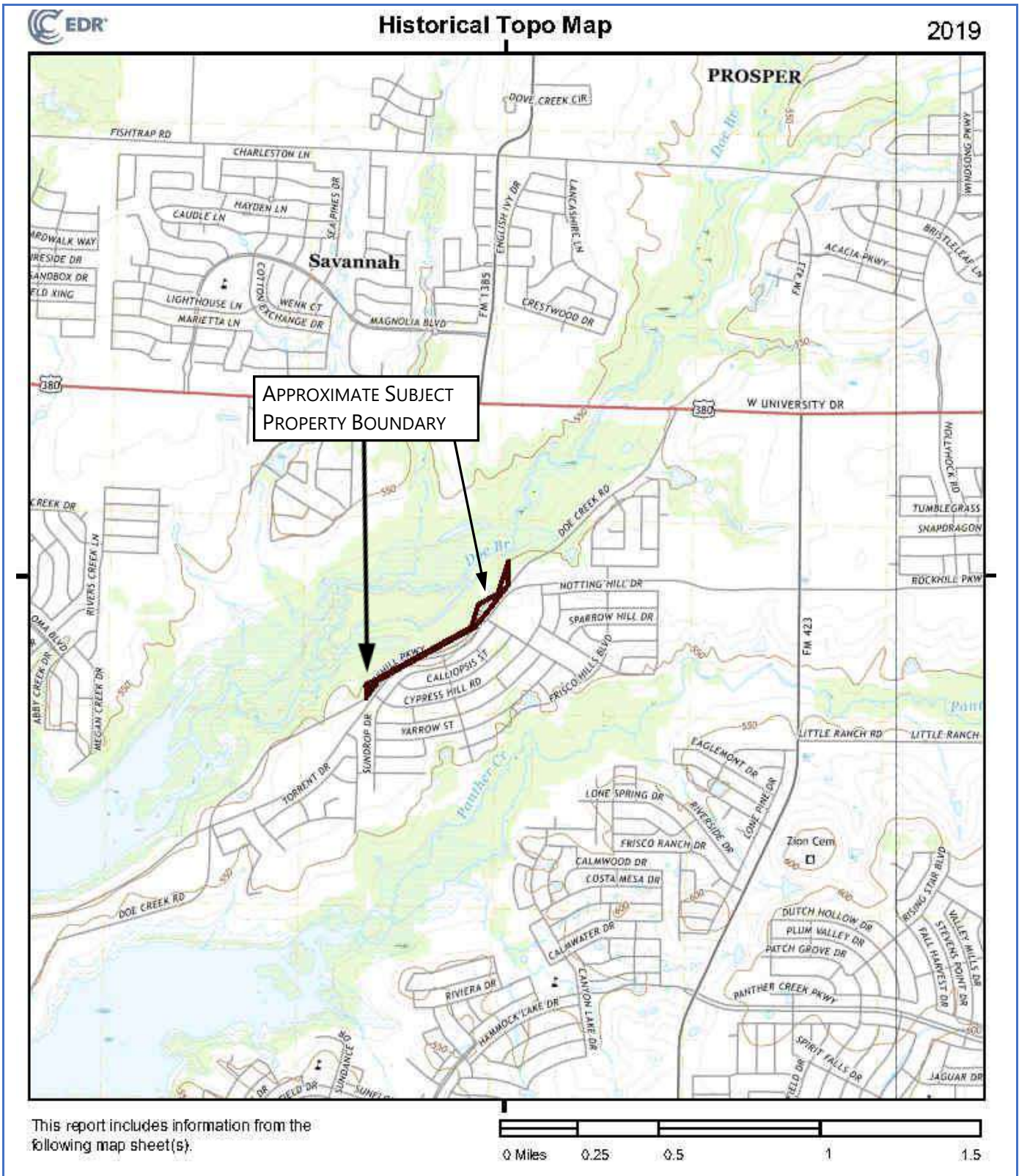
<b>PROJECT NO.</b>	DF220047	<b>SCALE</b>	AS SHOWN
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**LOCATION USING GOOGLE MAPS IMAGE**



<b>PROJECT NAME</b>	350 DOE CREEK ROAD, LITTLE ELM, TEXAS		
<b>PROJECT NO.</b>	DF220047	<b>SCALE</b>	NTS

**DIAGRAM PROVIDED BY AJAY KUMAR**



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

<b>PROJECT NAME</b>	350 DOE CREEK ROAD, LITTLE ELM, TEXAS		
<b>PROJECT NO.</b>	DF220047	<b>SCALE</b>	AS SHOWN

**APPENDIX B**  
**QUESTIONNAIRES**



## ESA PHASE I INFORMATION

### BUILDING & EARTH PROJECT NUMBER DF220047

At the request of **Ajay Kumar**, Building & Earth Sciences is conducting a Phase I Environmental Site Assessment for the property at 350 Doe Creek Road, Little Elm, Texas 75068.

Please provide the following information, *if available*. This information is intended to assist in the preparation of the Environmental Site Assessment Phase I report for the subject property but is not necessarily required for one of the LLPs.

1. **A Phase I is required to qualify for Landowner Liability Protections (LLP) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Please let us know if you have other reasons for requesting this Phase I.**

None - General feedback about the land.

2. **Please state the type of property and type of property transaction, for example, sale, purchase, exchange, etc.**

purchase

3. **Please provide contact information for the current owner and a specific site contact associated with the current owner who has good knowledge of the site's history and how the contact can be reached.**

350 Doe Creek Road, Little Elm, 75068  
Baker: Bobby

4. **Please provide the complete and correct address for the property.**

350 Doe Creek Road, Little Elm, 75068

5. **Please indicate whether any parties to the property transaction may have a scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered.**

None

6. Please identify all parties who will rely on the Phase I report.

① possible seller

② Kuratob

③ Boyes

7. Please indicate any special terms and conditions which must be agreed upon by Building & Earth Sciences, Inc.

— none —

8. Please provide any other knowledge or experience with the property that may be pertinent to Building & Earth (for example, copies of any prior environmental site assessment reports, documents, correspondences, etc., concerning the property and its environmental condition).

— none —



Geotechnical, Environmental, and Materials Engineers

8420 Sterling Street, Suite B  
Irving, TX 75063  
Tel: (469) 320-9800  
[www.BuildingAndEarth.com](http://www.BuildingAndEarth.com)

### USER QUESTIONNAIRE BUILDING & EARTH PROJECT NUMBER DF220047

At the request of **Ajay Kumar**, Building & Earth Sciences is conducting a Phase I Environmental Site Assessment for the property at 350 Doe Creek Road, Little Elm, Texas 75068.

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

Each CFR below lists the relative items that must be investigated in order to qualify for the LLP defense. Please answer the questions in bold that will address each listed item. Please answer each question to the best of your knowledge. Use additional sheets if necessary.

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

**Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local laws?**

Yes  No  (If yes, please explain fully)

\_\_\_\_\_

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

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

Yes  No  (If yes, please explain fully)

\_\_\_\_\_

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

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

Yes  No  (If yes, please explain fully)

\_\_\_\_\_

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

**Does the purchase price being paid for this property reasonably reflect the fair market value of the property?**

Yes  No

(Not sure)

Birmingham, AL • Auburn, AL • Huntsville, AL • Montgomery, AL  
Tuscaloosa, AL • Columbus, GA • Louisville, KY • Raleigh, NC • Dunn, NC  
Jacksonville, NC • Springdale, AR • Little Rock, AR • Ft. Smith, AR • Tulsa, OK  
Oklahoma City, OK • DFW Metroplex, TX • Virginia Beach, VA

If no, have you considered whether the lower purchase price is because contamination is known or believed to be present on the property? Please explain fully.

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

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

a.) Do you know the past uses of the property?

Yes  No  (If yes, please explain fully)

b.) Do you know of specific chemicals that are present or once were present at the property?

Yes  No  (If yes, please explain fully)

c.) Do you know of spills or other chemical releases that have taken place at the property?

Yes  No  (If yes, please explain fully)

*It was used for Ag farming  
It may be some past might have been used*

d.) Do you know of any environmental cleanups that have taken place at the property?

Yes  No  (If yes, please explain fully)

*not sure*

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

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

Yes  No  (If yes, please explain fully)

---

---

---

Please complete the following fields:

Name: ADAY KUMAR Guggilla

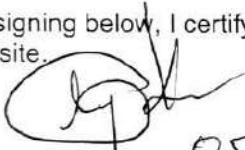
Title: Buyer

Company Name: None

Projected date of closing: July 9 2022

By signing below, I certify that I have provided the requested information to the extent of my knowledge of the site.

Signature of User

  
05/27/2022

## **APPENDIX C EDR REPORTS**

**Phase I ESA - 350 Doe Creek Road**

350 Doe Creek Road

Little Elm, TX 75068

Inquiry Number: 6991004.2s

May 23, 2022

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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.

### Disclaimer - Copyright and Trademark Notice

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

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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 (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

350 DOE CREEK ROAD  
LITTLE ELM, TX 75068

#### COORDINATES

Latitude (North): 33.2115580 - 33° 12' 41.60"  
Longitude (West): 96.8965490 - 96° 53' 47.57"  
Universal Transverse Mercator: Zone 14  
UTM X (Meters): 696047.4  
UTM Y (Meters): 3676520.5  
Elevation: 554 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12903885 LITTLE ELM, TX  
Version Date: 2019

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140724  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
350 DOE CREEK ROAD  
LITTLE ELM, TX 75068

Click on Map ID to see full detail.

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

NO MAPPED SITES FOUND

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

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

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

### ***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..... State Superfund Registry

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF..... Permitted Solid Waste Facilities  
CLI..... Closed Landfill Inventory  
DEBRIS..... DEBRIS  
WASTE MGMT..... Commercial Hazardous & Solid Waste Management Facilities

### ***Lists of state and tribal leaking storage tanks***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
LPST..... Leaking Petroleum Storage Tank Listing  
RDR..... Release Determination Report Listing

### ***Lists of state and tribal registered storage tanks***

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

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

AUL..... Sites with Controls

### ***Lists of state and tribal voluntary cleanup sites***

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

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Brownfields Site Assessments

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

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

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

SWRCY..... Recycling Facility 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..... CDL  
PRIORITYCLEANERS..... Dry Cleaner Remediation Program Prioritization List  
DEL SHWS..... Deleted Superfund Registry Sites  
US CDL..... National Clandestine Laboratory Register  
CENTRAL REGISTRY..... CENTRAL REGISTRY  
PFAS..... PFAS Contamination Site Location Listing

### **Local Lists of Registered Storage Tanks**

NON REGIST PST..... Petroleum Storage Tank Non Registered

### **Local Land Records**

HIST LIENS..... Environmental Liens Listing  
LIENS..... Environmental Liens Listing  
LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Spills Database  
SPILLS 90..... SPILLS 90 data from FirstSearch  
SPILLS 80..... SPILLS 80 data from FirstSearch

### **Other Ascertainable Records**

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

## EXECUTIVE SUMMARY

RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Current Emission Inventory Data
APAR.....	Affected Property Assessment Report Site Listing
ASBESTOS.....	ASBESTOS
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner Registration Database Listing
ED AQUIF.....	Edwards Aquifer Permits
ENF.....	Notice of Violations Listing
Financial Assurance.....	Financial Assurance Information Listing
GCC.....	Groundwater Contamination Cases
IOP.....	Innocent Owner/Operator Program
LEAD.....	LEAD
Ind. Haz Waste.....	Industrial & Hazardous Waste Database
MSD.....	Municipal Settings Designations Database
NPDES.....	NPDES Facility List
RWS.....	Radioactive Waste Sites
TIER 2.....	Tier 2 Chemical Inventory Reports
UIC.....	Underground Injection Wells Database Listing
IHW CORR ACTION.....	IHW CORR ACTION
PST STAGE 2.....	PST Stage 2
COMP HIST.....	Compliance History Listing
MINES MRDS.....	Mineral Resources Data System

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

#### ***EDR Exclusive Records***

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

### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### ***Exclusive Recovered Govt. Archives***

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List

### **SURROUNDING SITES: SEARCH RESULTS**

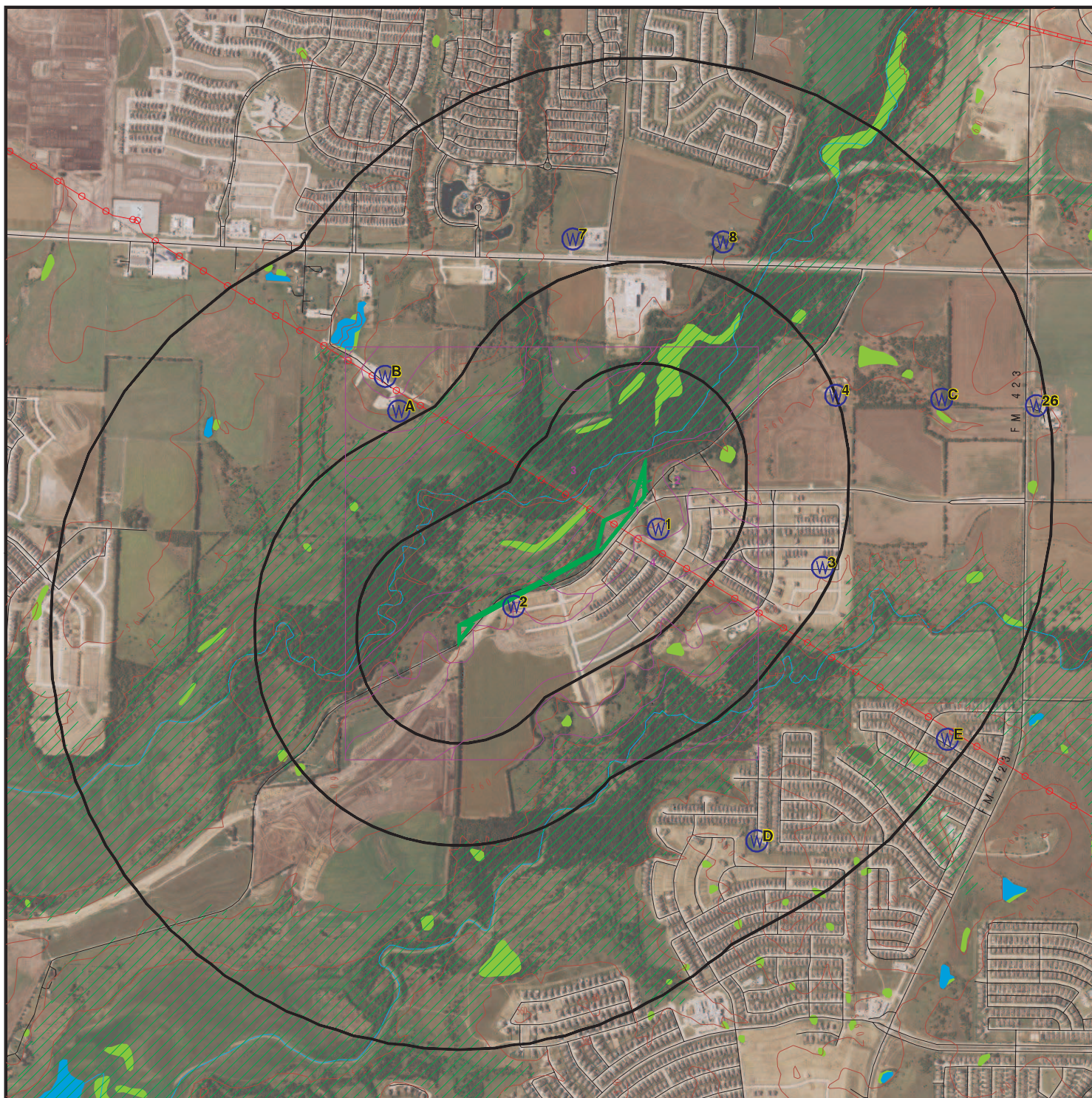
Surrounding sites were not identified.

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


## EXECUTIVE SUMMARY


There were no unmapped sites in this report.

# OVERVIEW MAP - 6991004.2S



 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

 Pipelines

 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: Phase I ESA - 350 Doe Creek Road  
 ADDRESS: 350 Doe Creek Road  
 Little Elm TX 75068  
 LAT/LONG: 33.211558 / 96.896549







CLIENT: Building & Earth Sciences  
 CONTACT: Sandra Ives  
 INQUIRY #: 6991004.2s  
 DATE: May 23, 2022 2:20 pm



# DETAIL MAP - 6991004.2S



-  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

0 1/8 1/4 1/2 Miles



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: Phase I ESA - 350 Doe Creek Road  
 ADDRESS: 350 Doe Creek Road  
 Little Elm TX 75068  
 LAT/LONG: 33.211558 / 96.896549

CLIENT: Building & Earth Sciences  
 CONTACT: Sandra Ives  
 INQUIRY #: 6991004.2s  
 DATE: May 23, 2022 2:20 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
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
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
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
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
CLI	0.500		0	0	0	NR	NR	0
DEBRIS	0.500		0	0	0	NR	NR	0
WASTE MGMT	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
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
INDIAN LUST	0.500		0	0	0	NR	NR	0
LPST	0.500		0	0	0	NR	NR	0
RDR	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
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
<b><i>State and tribal institutional control / engineering control registries</i></b>								
AUL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
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
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
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
CENTRAL REGISTRY	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
NON REGIST PST	0.250		0	0	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
HIST LIENS	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
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
APAR	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

#### **NPL: National Priority List**

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

Date of Government Version: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: N/A
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: N/A
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2022  
Date Data Arrived at EDR: 02/03/2022  
Date Made Active in Reports: 02/22/2022  
Number of Days to Update: 19

Source: EPA  
Telephone: N/A  
Last EDR Contact: 05/05/2022  
Next Scheduled EDR Contact: 07/11/2022  
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: 05/25/2021  
Date Data Arrived at EDR: 06/24/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 04/01/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2022  
Date Data Arrived at EDR: 02/03/2022  
Date Made Active in Reports: 02/22/2022  
Number of Days to Update: 19

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 05/05/2022  
Next Scheduled EDR Contact: 07/25/2022  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: 800-424-9346
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/25/2022
	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: 02/28/2022	Source: EPA
Date Data Arrived at EDR: 03/02/2022	Telephone: 800-424-9346
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	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: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 214-665-6444
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	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: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 214-665-6444
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	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: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 214-665-6444
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	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: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 214-665-6444
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

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

Date of Government Version: 02/08/2022	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2022	Telephone: 843-820-7326
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/22/2022
	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: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 02/23/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/06/2022
	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: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 02/23/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

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

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 03/01/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 9

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 03/22/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

### **SHWS: State Superfund Registry**

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

Date of Government Version: 03/31/2021  
Date Data Arrived at EDR: 06/22/2021  
Date Made Active in Reports: 09/16/2021  
Number of Days to Update: 86

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-5680  
Last EDR Contact: 03/18/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Semi-Annually

## ***Lists of state and tribal landfills and solid waste disposal facilities***

### **SWF/LF: Permitted Solid Waste Facilities**

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

Date of Government Version: 01/28/2022  
Date Data Arrived at EDR: 01/28/2022  
Date Made Active in Reports: 04/26/2022  
Number of Days to Update: 88

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-6706  
Last EDR Contact: 04/18/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Quarterly

### **H-GAC CLI: Houston-Galveston Closed Landfill Inventory**

Closed Landfill Inventory for the Houston-Galveston Area Council Region. In 1993, the Texas Legislature passed House Bill (HB) 2537, which required Councils of Governments (COGs) to develop an inventory of closed municipal solid waste landfills for their regional solid waste management plans.

Date of Government Version: 12/21/2021  
Date Data Arrived at EDR: 12/22/2021  
Date Made Active in Reports: 03/15/2022  
Number of Days to Update: 83

Source: Houston-Galveston Area Council  
Telephone: 832-681-2518  
Last EDR Contact: 03/30/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

### **CLI: Closed Landfill Inventory**

Closed and abandoned landfills (permitted as well as unauthorized) across the state of Texas. For current information regarding any of the sites included in this database, contact the appropriate Council of Governments agency.

Date of Government Version: 08/30/1999  
Date Data Arrived at EDR: 09/28/2000  
Date Made Active in Reports: 10/30/2000  
Number of Days to Update: 32

Source: Texas Commission on Environmental Quality  
Telephone: N/A  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEBRIS: DEBRIS

A listing of temporary debris management sites and MSW landfills for debris resulting from Hurricane Harvey.

Date of Government Version: 03/27/2018	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 04/04/2018	Telephone: 512-239-6840
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/02/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 06/20/2022
	Data Release Frequency: Varies

## WASTE MGMT: Commercial Hazardous & Solid Waste Management Facilities

This list contains commercial recycling facilities and facilities permitted or authorized (interim status) by the Texas Natural Resource Conservation Commission.

Date of Government Version: 10/16/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/10/2020	Telephone: 512-239-2920
Date Made Active in Reports: 03/18/2020	Last EDR Contact: 04/01/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Varies

### *Lists of state and tribal leaking storage tanks*

#### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021	Source: EPA Region 7
Date Data Arrived at EDR: 11/15/2021	Telephone: 913-551-7003
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 04/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Varies

#### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021	Source: EPA Region 8
Date Data Arrived at EDR: 11/15/2021	Telephone: 303-312-6271
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 04/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Varies

#### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/15/2021	Telephone: 415-972-3372
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 04/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Varies

#### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021	Source: EPA Region 10
Date Data Arrived at EDR: 11/15/2021	Telephone: 206-553-2857
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 04/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/01/2022
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2021	Source: EPA, Region 5
Date Data Arrived at EDR: 11/15/2021	Telephone: 312-886-7439
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 04/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2021	Source: EPA Region 6
Date Data Arrived at EDR: 11/15/2021	Telephone: 214-665-6597
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 04/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/01/2022
	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: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 04/21/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Varies

**INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 04/21/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Varies

**LPST: Leaking Petroleum Storage Tank Database**

An inventory of reported leaking petroleum storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/05/2022	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/06/2022	Telephone: 512-239-2200
Date Made Active in Reports: 03/28/2022	Last EDR Contact: 03/18/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

**RDR: Release Determination Report Listing**

An owner-operator permanently removing an underground storage tank system from service must determine whether a release of a stored regulated substance has occurred. Assemble and submit documentation of tank removal and release determination including the details of all excavation, removal, and sampling activities to the TCEQ using the PST Program's Release Determination Report form (TCEQ-00621).

Date of Government Version: 07/13/2021	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 07/14/2021	Telephone: 512-239-2081
Date Made Active in Reports: 01/21/2022	Last EDR Contact: 03/18/2022
Number of Days to Update: 191	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Varies

***Lists of state and tribal registered storage tanks***

**FEMA UST: Underground Storage Tank Listing**

A listing of all FEMA owned underground storage tanks.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 02/01/2022  
Number of Days to Update: 88

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 04/04/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: Varies

## UST: Petroleum Storage Tank Database

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

Date of Government Version: 11/06/2021  
Date Data Arrived at EDR: 12/17/2021  
Date Made Active in Reports: 03/03/2022  
Number of Days to Update: 76

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2160  
Last EDR Contact: 03/23/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Quarterly

## AST: Petroleum Storage Tank Database

Registered Aboveground Storage Tanks.

Date of Government Version: 11/06/2021  
Date Data Arrived at EDR: 12/17/2021  
Date Made Active in Reports: 03/03/2022  
Number of Days to Update: 76

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2160  
Last EDR Contact: 03/23/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Quarterly

## INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
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: 04/06/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/28/2021  
Date Data Arrived at EDR: 06/22/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 90

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: Varies

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

### AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 11/23/2021  
Date Data Arrived at EDR: 01/07/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 77

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-5891  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

## ***Lists of state and tribal voluntary cleanup sites***



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/16/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Varies

## VCP RRC: Voluntary Cleanup Program Sites

The Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

Date of Government Version: 12/21/2021	Source: Railroad Commission of Texas
Date Data Arrived at EDR: 12/22/2021	Telephone: 512-463-6969
Date Made Active in Reports: 03/15/2022	Last EDR Contact: 03/30/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Varies

## VCP TCEQ: Voluntary Cleanup Program Database

The Texas Voluntary Cleanup Program was established to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas.

Date of Government Version: 12/21/2021	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/07/2022	Telephone: 512-239-5891
Date Made Active in Reports: 03/28/2022	Last EDR Contact: 03/28/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Quarterly

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Brownfields Site Assessments

Brownfield site assessments that are being cleaned under EPA grant monies.

Date of Government Version: 12/23/2021	Source: TCEQ
Date Data Arrived at EDR: 01/07/2022	Telephone: 512-239-5872
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 03/28/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/11/2022
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 0

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/15/2022  
Next Scheduled EDR Contact: 06/27/2022  
Data Release Frequency: Semi-Annually

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

### **CAPCOG LI: Capitol Area Landfill Inventory**

Permitted and unpermitted landfills for the CAPCOG region. Serving Bastrop, Blanco, Burnet, Caldwell, Fayette, Hays, Lee, Llano, Travis, and Williamson Counties.

Date of Government Version: 01/06/2017  
Date Data Arrived at EDR: 01/10/2017  
Date Made Active in Reports: 03/15/2017  
Number of Days to Update: 64

Source: Capital Area Council of Governments  
Telephone: 512-916-6000  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

### **NCTCOG LI: North Central Landfill Inventory**

North Central Texas Council of Governments landfill database.

Date of Government Version: 12/21/2021  
Date Data Arrived at EDR: 12/22/2021  
Date Made Active in Reports: 03/15/2022  
Number of Days to Update: 83

Source: North Central Texas Council of Governments  
Telephone: 817-695-9223  
Last EDR Contact: 03/30/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

### **SWRCY: Recycling Facility Listing**

A listing of recycling facilities in the state.

Date of Government Version: 02/11/2022  
Date Data Arrived at EDR: 02/15/2022  
Date Made Active in Reports: 05/13/2022  
Number of Days to Update: 87

Source: TCEQ  
Telephone: 512-239-6700  
Last EDR Contact: 05/06/2022  
Next Scheduled EDR Contact: 08/22/2022  
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/08/2022  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/14/2022  
Next Scheduled EDR Contact: 08/01/2022  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 04/28/2022  
Next Scheduled EDR Contact: 08/08/2022  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/22/2022  
Date Data Arrived at EDR: 02/23/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 76

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/23/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: No Update Planned

### CDL: Clandestine Drug Site Locations Listing

A listing of former clandestine drug site locations

Date of Government Version: 09/07/2021  
Date Data Arrived at EDR: 12/09/2021  
Date Made Active in Reports: 03/01/2022  
Number of Days to Update: 82

Source: Department of Public Safety  
Telephone: 512-424-2144  
Last EDR Contact: 04/21/2022  
Next Scheduled EDR Contact: 08/08/2022  
Data Release Frequency: Varies

### PRIORITY CLEANERS: Dry Cleaner Remediation Program Prioritization List

A listing of dry cleaner related contaminated sites.

Date of Government Version: 09/01/2021  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Texas Commisision on Environmenatl Quality  
Telephone: 512-239-5658  
Last EDR Contact: 03/03/2022  
Next Scheduled EDR Contact: 06/13/2022  
Data Release Frequency: Varies

### DEL SHWS: Deleted Superfund Registry Sites

Sites have been deleted from the state Superfund registry in accordance with the Act, 361.189

Date of Government Version: 03/31/2021  
Date Data Arrived at EDR: 06/22/2021  
Date Made Active in Reports: 09/16/2021  
Number of Days to Update: 86

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-0666  
Last EDR Contact: 03/18/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Quarterly

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/22/2022  
Date Data Arrived at EDR: 02/23/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 76

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/23/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: Quarterly

## CENTRAL REGISTRY: The Central Registry

The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data". The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary.

Date of Government Version: 03/23/2022  
Date Data Arrived at EDR: 03/24/2022  
Date Made Active in Reports: 04/12/2022  
Number of Days to Update: 19

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-5175  
Last EDR Contact: 03/15/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

## PFAS: PFAS Contamination Site Location Listing

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 11/30/2021  
Date Data Arrived at EDR: 12/10/2021  
Date Made Active in Reports: 03/01/2022  
Number of Days to Update: 81

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2341  
Last EDR Contact: 02/25/2022  
Next Scheduled EDR Contact: 06/13/2022  
Data Release Frequency: Varies

## **Local Lists of Registered Storage Tanks**

### NON REGIST PST: Petroleum Storage Tank Non Registered

A listing of non-registered petroleum storage tank site locations.

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/07/2021  
Date Made Active in Reports: 06/08/2021  
Number of Days to Update: 32

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2081  
Last EDR Contact: 05/02/2022  
Next Scheduled EDR Contact: 08/15/2022  
Data Release Frequency: Quarterly

## **Local Land Records**

### HIST LIENS: Environmental Liens Listing

This listing contains information fields that are no longer tracked in the LIENS database.

Date of Government Version: 03/23/2007  
Date Data Arrived at EDR: 03/23/2007  
Date Made Active in Reports: 05/02/2007  
Number of Days to Update: 40

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2209  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### LIENS: Environmental Liens Listing

The listing covers TCEQ liens placed against either State Superfund sites or Federal Superfund sites to recover cost incurred by TCEQ.

Date of Government Version: 11/23/2021  
Date Data Arrived at EDR: 12/10/2021  
Date Made Active in Reports: 03/01/2022  
Number of Days to Update: 81

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2209  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2022	Telephone: 202-564-6023
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/15/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/16/2021	Telephone: 202-366-4555
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 03/21/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

### SPILLS: Spills Database

Spills reported to the Emergency Response Division.

Date of Government Version: 01/28/2022	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 02/03/2022	Telephone: 512-239-2507
Date Made Active in Reports: 03/04/2022	Last EDR Contact: 04/11/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/25/2022
	Data Release Frequency: Quarterly

### SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 10/23/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### SPILLS 80: SPILLS80 data from FirstSearch

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

Date of Government Version: 05/15/2005	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/28/2022  
Date Data Arrived at EDR: 03/02/2022  
Date Made Active in Reports: 03/17/2022  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 214-665-6444  
Last EDR Contact: 04/06/2022  
Next Scheduled EDR Contact: 07/04/2022  
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: 12/01/2021  
Date Data Arrived at EDR: 02/15/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 05/17/2022  
Next Scheduled EDR Contact: 08/29/2022  
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: 04/12/2022  
Next Scheduled EDR Contact: 07/25/2022  
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: 04/05/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/06/2022  
Next Scheduled EDR Contact: 08/22/2022  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/13/2021  
Date Data Arrived at EDR: 12/17/2021  
Date Made Active in Reports: 03/17/2022  
Number of Days to Update: 90

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/21/2022  
Next Scheduled EDR Contact: 07/04/2022  
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: 04/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/15/2022
	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: 05/06/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/15/2022
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 03/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/27/2022
	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: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 05/20/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/29/2022
	Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/19/2022	Source: EPA
Date Data Arrived at EDR: 01/19/2022	Telephone: 202-564-4203
Date Made Active in Reports: 04/11/2022	Last EDR Contact: 04/20/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/01/2022
	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: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: 703-416-0223
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/13/2022
	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: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 04/18/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/01/2022
	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: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: 202-564-6023
Date Made Active in Reports: 02/25/2022	Last EDR Contact: 05/05/2022
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/15/2022
	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: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 04/08/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/18/2022
	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: 03/31/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/18/2022
	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: 07/29/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/24/2021	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 04/18/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 08/01/2022
	Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 02/28/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/13/2022
	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: 02/28/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/13/2022
	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: 05/06/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/15/2022
	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: 03/28/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/11/2022
	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: 04/26/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/08/2022
	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: 12/31/2021  
Date Data Arrived at EDR: 01/14/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/04/2022  
Next Scheduled EDR Contact: 07/18/2022  
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: 12/31/2019  
Date Data Arrived at EDR: 03/02/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 23

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/02/2022  
Next Scheduled EDR Contact: 07/04/2022  
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: 04/05/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 04/28/2022  
Next Scheduled EDR Contact: 08/15/2022  
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: 05/16/2022  
Next Scheduled EDR Contact: 08/29/2022  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022  
Date Data Arrived at EDR: 02/03/2022  
Date Made Active in Reports: 02/22/2022  
Number of Days to Update: 19

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 05/05/2022  
Next Scheduled EDR Contact: 07/11/2022  
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

## US MINES: Mines Master Index File

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

Date of Government Version: 11/02/2021  
Date Data Arrived at EDR: 11/22/2021  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/23/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 03/21/2022  
Date Data Arrived at EDR: 03/22/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 03/14/2022  
Next Scheduled EDR Contact: 06/13/2022  
Data Release Frequency: Quarterly

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/24/2022  
Next Scheduled EDR Contact: 06/06/2022  
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: 02/24/2022
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/06/2022
	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: 12/14/2021	Source: Department of Interior
Date Data Arrived at EDR: 12/15/2021	Telephone: 202-208-2609
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 03/04/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/20/2022
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/04/2021	Source: EPA
Date Data Arrived at EDR: 11/22/2021	Telephone: (214) 665-2200
Date Made Active in Reports: 02/25/2022	Last EDR Contact: 05/18/2022
Number of Days to Update: 95	Next Scheduled EDR Contact: 06/13/2022
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/19/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/05/2022
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2022	Telephone: 202-564-2280
Date Made Active in Reports: 01/10/2022	Last EDR Contact: 04/05/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/18/2022
	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: 12/31/2020  
Date Data Arrived at EDR: 01/11/2022  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 34

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 04/12/2022  
Next Scheduled EDR Contact: 07/25/2022  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/17/2022  
Date Data Arrived at EDR: 02/17/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 82

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/17/2022  
Next Scheduled EDR Contact: 08/29/2022  
Data Release Frequency: Quarterly

## AIRS: Current Emission Inventory Data

The database lists by company, along with their actual emissions, the TNRCC air accounts that emit EPA criteria pollutants.

Date of Government Version: 09/10/2021  
Date Data Arrived at EDR: 09/13/2021  
Date Made Active in Reports: 09/16/2021  
Number of Days to Update: 3

Source: Texas Commission on Environmental Quality  
Telephone: N/A  
Last EDR Contact: 03/07/2022  
Next Scheduled EDR Contact: 06/20/2022  
Data Release Frequency: Semi-Annually

## APAR: Affected Property Assessment Report Site Listing

Listing of Sites That Have Received an APAR (Affected Property Assessment Report)

Date of Government Version: 01/05/2022  
Date Data Arrived at EDR: 01/21/2022  
Date Made Active in Reports: 04/12/2022  
Number of Days to Update: 81

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-5872  
Last EDR Contact: 04/04/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: Varies

## ASBESTOS: Asbestos Notification Listing

A listing of asbestos notification site locations.

Date of Government Version: 11/30/2021  
Date Data Arrived at EDR: 12/01/2021  
Date Made Active in Reports: 02/22/2022  
Number of Days to Update: 83

Source: Department of State Health Services  
Telephone: 512-834-6787  
Last EDR Contact: 05/16/2022  
Next Scheduled EDR Contact: 08/29/2022  
Data Release Frequency: Varies

## COAL ASH: Coal Ash Disposal Sites

A listing of facilities that use surface impoundments or landfills to dispose of coal ash.

Date of Government Version: 01/27/2022  
Date Data Arrived at EDR: 02/01/2022  
Date Made Active in Reports: 04/26/2022  
Number of Days to Update: 84

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-6624  
Last EDR Contact: 04/25/2022  
Next Scheduled EDR Contact: 08/08/2022  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner Registration Database Listing

A listing of drycleaning facilities.

Date of Government Version: 11/02/2021  
Date Data Arrived at EDR: 11/22/2021  
Date Made Active in Reports: 02/10/2022  
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2160  
Last EDR Contact: 02/24/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ED AQUIF: Edwards Aquifer Permits

A listing of permits in the Edwards Aquifer Protection Program database. The information provided is for the counties located in the Austin Region (Hays, Travis, and Williamson counties).

Date of Government Version: 12/29/2021  
Date Data Arrived at EDR: 01/07/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 77

Source: Texas Commission on Environmental Quality, Austin Region  
Telephone: 512-339-2929  
Last EDR Contact: 03/18/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Varies

## ENFORCEMENT: Notice of Violations Listing

A listing of permit violations.

Date of Government Version: 12/21/2021  
Date Data Arrived at EDR: 01/11/2022  
Date Made Active in Reports: 01/26/2022  
Number of Days to Update: 15

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-6012  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Semi-Annually

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 03/22/2022  
Date Data Arrived at EDR: 03/29/2022  
Date Made Active in Reports: 04/01/2022  
Number of Days to Update: 3

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-6239  
Last EDR Contact: 03/15/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 11/06/2021  
Date Data Arrived at EDR: 12/20/2021  
Date Made Active in Reports: 03/03/2022  
Number of Days to Update: 73

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-0986  
Last EDR Contact: 03/23/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Quarterly

## GCC: Groundwater Contamination Cases

Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities.

The report is required to contain a description of each case of groundwater contamination documented during the previous calendar year. Also to be included, is a description of each case of contamination documented during previous periods for which voluntary clean up action was incomplete at the time the preceding report was issued. The report is also required to indicate the status of enforcement action for each listed case.

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: Texas Commission on Environmental Quality  
Telephone: 512-239-5690  
Last EDR Contact: 02/22/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: Annually

## IOP: Innocent Owner/Operator Program

Contains information on all sites that are in the IOP. An IOP is an innocent owner or operator whose property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.

Date of Government Version: 12/20/2021  
Date Data Arrived at EDR: 01/07/2022  
Date Made Active in Reports: 03/28/2022  
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-5894  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LEAD: Lead Inspection Listing

Lead inspection sites

Date of Government Version: 11/30/2021  
Date Data Arrived at EDR: 12/01/2021  
Date Made Active in Reports: 02/22/2022  
Number of Days to Update: 83

Source: Department of State Health Services  
Telephone: 512-834-6600  
Last EDR Contact: 05/16/2022  
Next Scheduled EDR Contact: 08/29/2022  
Data Release Frequency: Varies

## Ind. Haz Waste: Industrial & Hazardous Waste Database

Summary reports reported by waste handlers, generators and shippers in Texas.

Date of Government Version: 12/20/2021  
Date Data Arrived at EDR: 01/12/2022  
Date Made Active in Reports: 04/01/2022  
Number of Days to Update: 79

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-0985  
Last EDR Contact: 04/13/2022  
Next Scheduled EDR Contact: 07/25/2022  
Data Release Frequency: Annually

## MSD: Municipal Settings Designations Database

An MSD is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not use as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level.

Date of Government Version: 01/05/2022  
Date Data Arrived at EDR: 02/04/2022  
Date Made Active in Reports: 04/27/2022  
Number of Days to Update: 82

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-4982  
Last EDR Contact: 04/25/2022  
Next Scheduled EDR Contact: 08/08/2022  
Data Release Frequency: Varies

## NPDES: NPDES Facility List

Permitted wastewater outfalls.

Date of Government Version: 02/01/2022  
Date Data Arrived at EDR: 02/01/2022  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 13

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-4591  
Last EDR Contact: 05/11/2022  
Next Scheduled EDR Contact: 08/22/2022  
Data Release Frequency: Varies

## RWS: Radioactive Waste Sites

Sites in the State of Texas that have been designated as Radioactive Waste sites.

Date of Government Version: 07/24/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 40

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-0859  
Last EDR Contact: 05/06/2022  
Next Scheduled EDR Contact: 08/22/2022  
Data Release Frequency: Semi-Annually

## TIER 2: Tier 2 Chemical Inventory Reports

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 06/07/2013  
Date Made Active in Reports: 07/22/2013  
Number of Days to Update: 45

Source: Department of State Health Services  
Telephone: 512-834-6603  
Last EDR Contact: 05/16/2022  
Next Scheduled EDR Contact: 08/29/2022  
Data Release Frequency: Annually

## UIC: Underground Injection Wells Database Listing

Class V injection wells regulated by the TCEQ. Class V wells are used to inject non-hazardous fluids underground. Most Class V wells are used to dispose of wastes into or above underground sources of drinking water and can pose a threat to ground water quality, if not managed properly.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/25/2022  
Date Data Arrived at EDR: 04/27/2022  
Date Made Active in Reports: 04/28/2022  
Number of Days to Update: 1

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-6627  
Last EDR Contact: 04/14/2022  
Next Scheduled EDR Contact: 07/25/2022  
Data Release Frequency: Varies

## IHW CORR ACTION: IHW CORR ACTION

Industrial hazardous waste facilities with corrective actions.

Date of Government Version: 12/21/2021  
Date Data Arrived at EDR: 01/07/2022  
Date Made Active in Reports: 03/29/2022  
Number of Days to Update: 81

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-5872  
Last EDR Contact: 03/28/2022  
Next Scheduled EDR Contact: 07/11/2022  
Data Release Frequency: Varies

## PST STAGE 2: PST Stage 2

State II Vapor Recovery. Decommissioning of Stage II Rule - Gasoline dispensing facilities (GDFs) may begin the process of removing Stage II equipment on May 16, 2014 providing that all other requirements for decommissioning have been met, including appropriate notification.

Date of Government Version: 07/17/2019  
Date Data Arrived at EDR: 07/18/2019  
Date Made Active in Reports: 09/24/2019  
Number of Days to Update: 68

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-2160  
Last EDR Contact: 03/16/2022  
Next Scheduled EDR Contact: 07/04/2022  
Data Release Frequency: Varies

## COMP HIST: Compliance History Listing

A listing of compliance histories of regulated entities

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/25/2020  
Date Made Active in Reports: 02/16/2021  
Number of Days to Update: 83

Source: Texas Commission on Environmental Quality  
Telephone: 512-239-3282  
Last EDR Contact: 02/24/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

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

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 02/24/2022  
Next Scheduled EDR Contact: 06/06/2022  
Data Release Frequency: Varies

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/31/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: Semi-Annually

## PCS: Permit Compliance System

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

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

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 03/31/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: Semi-Annually

# 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: 03/31/2022  
Next Scheduled EDR Contact: 07/18/2022  
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.

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Texas Commission of Environmental Quality in Texas formerly known as Texas Natural Resources Conservation Commission which changed in 2002.

Date of Government Version: N/A	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/26/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 178	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Texas Commission of Environmental Quality in Texas formerly known as Texas Natural Resources Conservation Commission which changed in 2002.

Date of Government Version: N/A	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## COUNTY RECORDS

### TRAVIS COUNTY:

#### HIST UST AUSTIN: Historic Tank Records

A listing of historic records from the City of Austin.

Date of Government Version: 06/25/2012	Source: Department of Planning & Development Review
Date Data Arrived at EDR: 06/29/2012	Telephone: 512-974-2715
Date Made Active in Reports: 08/23/2012	Last EDR Contact: 02/24/2022
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/13/2022
	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: 12/03/2021	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/11/2022	Telephone: 860-424-3375
Date Made Active in Reports: 05/06/2022	Last EDR Contact: 05/09/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/22/2022
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/07/2022  
Next Scheduled EDR Contact: 07/18/2022  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

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

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

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 04/28/2022  
Next Scheduled EDR Contact: 08/08/2022  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/08/2022  
Next Scheduled EDR Contact: 07/25/2022  
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: 05/16/2022  
Next Scheduled EDR Contact: 08/29/2022  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

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

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 04/12/2022  
Next Scheduled EDR Contact: 07/25/2022  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/02/2022  
Next Scheduled EDR Contact: 06/20/2022  
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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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Child Care Facility List

Source: Department of Protective & Regulatory Services

Telephone: 512-438-3269

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Wetland Inventory

Source: Texas General Land Office

Telephone: 512-463-0745

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

PHASE I ESA - 350 DOE CREEK ROAD  
350 DOE CREEK ROAD  
LITTLE ELM, TX 75068

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.211558 - 33° 12' 41.61"
Longitude (West):	96.896549 - 96° 53' 47.58"
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	696047.4
UTM Y (Meters):	3676520.5
Elevation:	554 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	12903885 LITTLE ELM, TX
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).

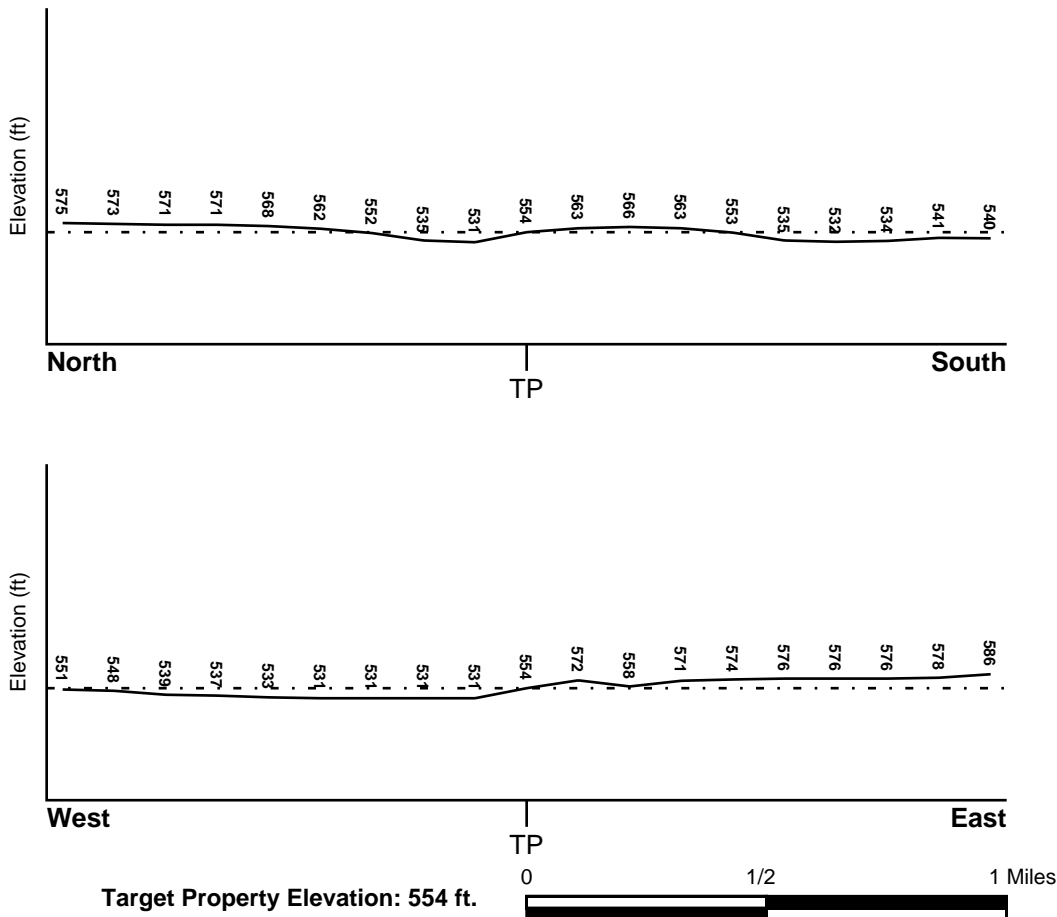
## TOPOGRAPHIC INFORMATION

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 NW

## 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>
48121C0410G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	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.

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Status:	Not found

## **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**

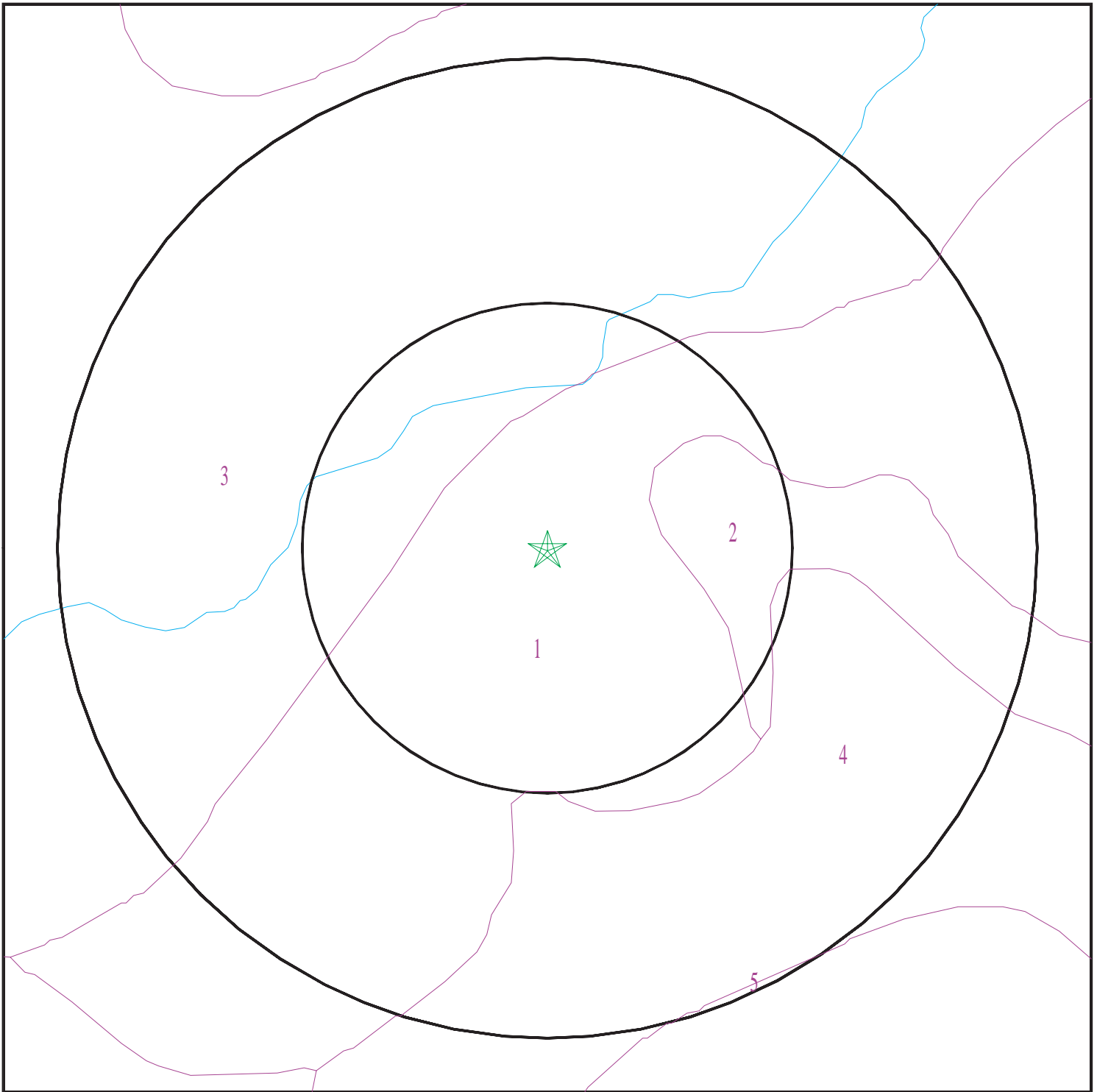
Era: Mesozoic  
System: Cretaceous  
Series: Austin and Eagle Ford Groups  
Code: uK2 (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

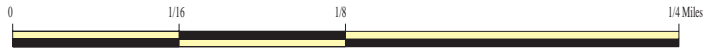
Category: Stratified Sequence

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).

# SSURGO SOIL MAP - 6991004.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Phase I ESA - 350 Doe Creek Road  
ADDRESS: 350 Doe Creek Road  
Little Elm TX 75068  
LAT/LONG: 33.211558 / 96.896549

CLIENT: Building & Earth Sciences  
CONTACT: Sandra Ives  
INQUIRY #: 6991004.2s  
DATE: May 23, 2022 2:21 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: Ferris

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	5 inches	42 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
3	42 inches	59 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

### Soil Map ID: 2

Soil Component Name: Branyon

Soil Surface Texture: clay

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

Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	7 inches	55 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
3	55 inches	79 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

### Soil Map ID: 3

Soil Component Name: Ovan

Soil Surface Texture: clay

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	66 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	66 inches	79 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 4

Soil Component Name: Branyon

Soil Surface Texture: clay

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	7 inches	55 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
3	55 inches	79 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

### Soil Map ID: 5

Soil Component Name: Heiden

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	16 inches	66 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
3	66 inches	79 inches	clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

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

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

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

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

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	TXMON6000405486	0 - 1/8 Mile SSE

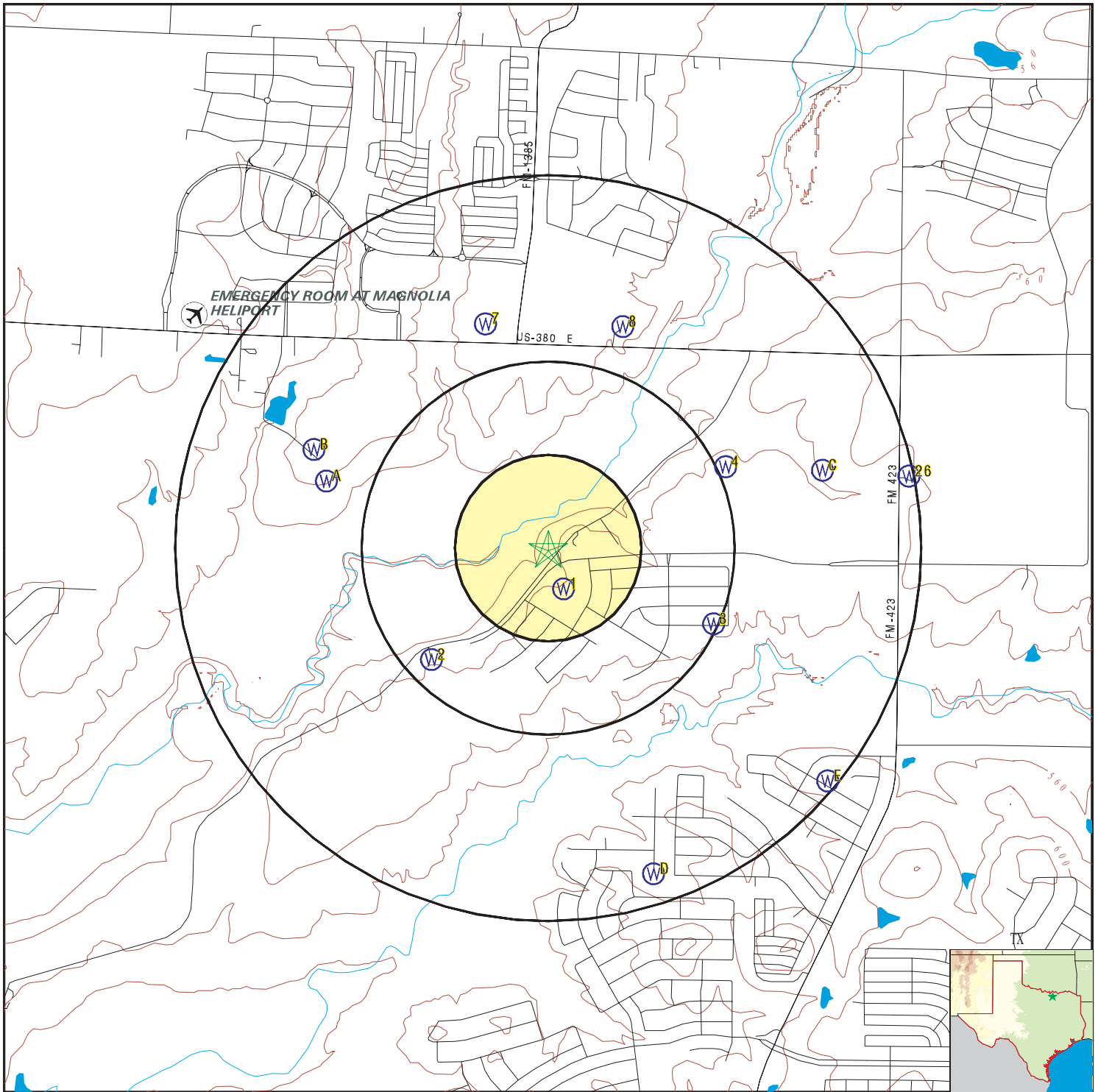
## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	TXPLU6000050041	1/4 - 1/2 Mile SW
3	TXPLU6000060111	1/4 - 1/2 Mile ESE
4	TXPLU6000048297	1/2 - 1 Mile ENE
A5	TXDOL2000046610	1/2 - 1 Mile WNW
A6	TXMON6000121308	1/2 - 1 Mile WNW
7	TXPLU6000095846	1/2 - 1 Mile NNW
8	TXPLU6000181132	1/2 - 1 Mile NNE
A9	TXPLU6000068479	1/2 - 1 Mile WNW
A10	TXPLU6000059613	1/2 - 1 Mile WNW
B11	TXPLU6000059256	1/2 - 1 Mile WNW
B12	TXPLU6000059258	1/2 - 1 Mile WNW
B13	TXPLU6000059257	1/2 - 1 Mile WNW
B14	TXDOL2000047120	1/2 - 1 Mile WNW
B15	TXDOL2000047088	1/2 - 1 Mile WNW
B16	TXMON6000081789	1/2 - 1 Mile WNW
B17	TXMON6000081792	1/2 - 1 Mile WNW
C18	TXMON6000545319	1/2 - 1 Mile ENE
C19	TXPLU6000199857	1/2 - 1 Mile ENE
C20	TXMON6000527377	1/2 - 1 Mile ENE
D21	TXEQ70000005525	1/2 - 1 Mile SSE
D22	TXMON6000515827	1/2 - 1 Mile SSE
D23	TXWDB8000040917	1/2 - 1 Mile SSE
E24	TXMON6000190197	1/2 - 1 Mile SE
E25	TXMON6000190196	1/2 - 1 Mile SE
26	TXPLU6000167176	1/2 - 1 Mile ENE

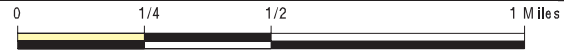


# PHYSICAL SETTING SOURCE MAP - 6991004.2s



- 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
- Closest Hydrogeological Data
- Oil or gas wells



SITE NAME: Phase I ESA - 350 Doe Creek Road  
 ADDRESS: 350 Doe Creek Road  
 Little Elm TX 75068  
 LAT/LONG: 33.211558 / 96.896549

CLIENT: Building & Earth Sciences  
 CONTACT: Sandra Ives  
 INQUIRY #: 6991004.2s  
 DATE: May 23, 2022 2:21 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**SSE**  
**0 - 1/8 Mile**  
**Higher**      **TX WELLS**      **TXMON6000405486**

Database:	Submitted Drillers Reports Database		Well Type:	New Well
Well Report #:	412267	Well Type:	New Well	
Proposed Use:	Closed-Loop Geothermal	Borehole Depth (ft):	250	
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported	

**2**  
**SW**  
**1/4 - 1/2 Mile**  
**Higher**      **TX WELLS**      **TXPLU6000050041**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	104668
Well Type:	Withdrawal of Water	Borehole Depth (ft):	0

**3**  
**ESE**  
**1/4 - 1/2 Mile**  
**Higher**      **TX WELLS**      **TXPLU6000060111**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	48181
Well Type:	Withdrawal of Water	Borehole Depth (ft):	0

**4**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**      **TX WELLS**      **TXPLU6000048297**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	100066
Well Type:	Withdrawal of Water	Borehole Depth (ft):	0

**A5**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**      **TX WELLS**      **TXDOL2000046610**

Database:	Well Report Database	Fid:	46609
Rec id:	46605	Edr site i:	123308
Owner:	HC Northshore, LP	Ownerwell:	MW 04,05
Address:	8200 Douglas Avenue, Suite 300, Dallas , TX 75225		
Grid:	18-49-3	Waddress:	26828 US Hwy 380, Aubrey , TX
Lat:	33 12 50 N	County:	Denton
Long:	096 54 23 W	Elevation:	No Data
Gpsused:	Magellan	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 15 ft

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dmethod:	Not Reported	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 15 ft to 3 ft with 9 Sand (#sacks and material)		
Sinterval:	From 3 ft to 2 ft with 2 Bentonite (#sacks and material)		
Tinterval:	From 2 ft to 0 ft with 4 Cement (#sacks and material)		
Usedmethod:	Mix	Cementedby:	SCI
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No	Companynam:	SCI
Companyadd:	5066 Brush Creek Road	Ccitystate:	Ft. Worth , TX 76119
Licensenum:	54834	Wsignature:	Michael Bridges
Dsignature:	No Data	Regnum:	No Data
Comments:	no data	Site id:	TXDOL2000046610

**A6  
WNW  
1/2 - 1 Mile  
Lower**

**TX WELLS TXMON6000121308**

Database:	Submitted Drillers Reports Database	Well Type:	New Well
Well Report #:	123308	Borehole Depth (ft):	15
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		

**7  
NNW  
1/2 - 1 Mile  
Higher**

**TX WELLS TXPLU6000095846**

Database:	Submitted Drillers Reports Database (Plugged)	Plugging Rpt #:	22438
Well Report #:	Not Reported	Borehole Depth (ft):	0
Well Type:	Withdrawal of Water		

**8  
NNE  
1/2 - 1 Mile  
Higher**

**TX WELLS TXPLU6000181132**

Database:	Submitted Drillers Reports Database (Plugged)	Plugging Rpt #:	184312
Well Report #:	Not Reported	Borehole Depth (ft):	400
Well Type:	Domestic		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A9**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXPLU6000068479**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	45966
Well Type:	Monitor	Borehole Depth (ft):	14

**A10**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXPLU6000059613**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	45967
Well Type:	Monitor	Borehole Depth (ft):	16.5

**B11**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXPLU6000059256**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	39635
Well Type:	Monitor	Borehole Depth (ft):	29

**B12**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXPLU6000059258**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	39637
Well Type:	Monitor	Borehole Depth (ft):	35

**B13**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXPLU6000059257**

Database:	Submitted Drillers Reports Database (Plugged)		
Well Report #:	Not Reported	Plugging Rpt #:	39636
Well Type:	Monitor	Borehole Depth (ft):	28.2

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**B14**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXDOL2000047120**

Database:	Well Report Database	Fid:	47119
Rec id:	47116	Edr site i:	83242
Owner:	HC Northshore LP	Ownerwell:	MW 3
Address:	26828 Highway 380, Aubrey , TX 76227		
Grid:	18-49-3	Waddress:	Same, TX
Lat:	33 12 55 N	County:	Denton
Long:	096 54 27 W	Elevation:	No Data
Gpsused:	Magellan	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8.25 in From Surface To 35 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 35 ft to 18 ft with 10 Sand (#sacks and material)		
Sinterval:	From 11 ft to 2 ft with 2 Bentonite (#sacks and material)		
Tinterval:	From 2 ft to 0 ft with 1 Cement (#sacks and material)		
Usedmethod:	Mix	Cementedby:	SCI
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No	Companynam:	SCI
Companyadd:	5524 Midway Road, SUIte 3	Ccitystate:	Ft. Worth , TX 76117
Licensenum:	54834	Wsignature:	Michael Bridges
Dsignature:	No Data	Regnum:	No Data
Comments:	no data	Site id:	TXDOL2000047120

**B15**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXDOL2000047088**

Database:	Well Report Database	Fid:	47087
Rec id:	47117	Edr site i:	83239
Owner:	HC Northshore LP	Ownerwell:	MW 1,2
Address:	26828 Highway 380, Aubrey , TX 76227		
Grid:	18-49-3	Waddress:	Same, TX
Lat:	33 12 55 N	County:	Denton
Long:	096 54 27 W	Elevation:	No Data
Gpsused:	Magellan	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8.25 in From Surface To 28 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 28 ft to 11 ft with 18 Sand (#sacks and material)		
Sinterval:	From 11 ft to 2 ft with 5 Bentonite (#sacks and material)		
Tinterval:	From 2 ft to 0 ft with 2 Cement (#sacks and material)		
Usedmethod:	Mix	Cementedby:	SCI
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No	Companynam:	SCI
Companyadd:	5524 Midway Road, SUIte 3	Ccitystate:	Ft. Worth , TX 76117
Licensenum:	54834	Wsignature:	Michael Bridges
Dsignature:	No Data	Regnum:	No Data
Comments:	no data	Site id:	TXDOL2000047088

**B16  
WNW  
1/2 - 1 Mile  
Higher**

**TX WELLS      TXMON6000081789**

Database:	Submitted Drillers Reports Database	Well Type:	New Well
Well Report #:	83239	Borehole Depth (ft):	28
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		

**B17  
WNW  
1/2 - 1 Mile  
Higher**

**TX WELLS      TXMON6000081792**

Database:	Submitted Drillers Reports Database	Well Type:	New Well
Well Report #:	83242	Borehole Depth (ft):	35
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		

**C18  
ENE  
1/2 - 1 Mile  
Higher**

**TX WELLS      TXMON6000545319**

Database:	Submitted Drillers Reports Database	Well Type:	Replacement
Well Report #:	561899	Borehole Depth (ft):	310
Proposed Use:	Stock	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		

**C19  
ENE  
1/2 - 1 Mile  
Higher**

**TX WELLS      TXPLU6000199857**

Database:	Submitted Drillers Reports Database (Plugged)	Plugging Rpt #:	204129
Well Report #:	549706	Borehole Depth (ft):	600
Well Type:	Irrigation		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**C20**  
**ENE**  
 1/2 - 1 Mile  
 Higher

**TX WELLS      TXMON6000527377**

Database:	Submitted Drillers Reports Database	Well Type:	New Well
Well Report #:	549706	Borehole Depth (ft):	600
Proposed Use:	Irrigation	Plugging Rpt #:	204129
Injurious Water Quality:	no		

**D21**  
**SSE**  
 1/2 - 1 Mile  
 Lower

**TX WELLS      TXEQ7000005525**

Database:	Public Water Supply Sources Databases	Water Source:	G0610253B
PWS ID:	0610253	Elevation:	0
Locating Agency:	TTU		

**Construction Information:**

Record #:	1	Well Interval:	ANNULAR CEMENT
Top Depth (ft):	0	Bottom Depth (ft):	1085
Casing Above Surface:	Not Reported	Diameter (in):	16.25
Type of Well Opening:	Not Reported	Casing Material:	Not Reported
Opening Material:	Not Reported	Opening Length (ft):	Not Reported
Opening Method:	Not Reported	Packer Material:	Not Reported

**Construction Information:**

Record #:	2	Well Interval:	CASING
Top Depth (ft):	0	Bottom Depth (ft):	1085
Casing Above Surface:	Not Reported	Diameter (in):	10.75
Type of Well Opening:	Not Reported	Casing Material:	STEEL
Opening Material:	Not Reported	Opening Length (ft):	Not Reported
Opening Method:	Not Reported	Packer Material:	Not Reported

**Construction Information:**

Record #:	3	Well Interval:	CASING
Top Depth (ft):	1035	Bottom Depth (ft):	1090
Casing Above Surface:	Not Reported	Diameter (in):	6.625
Type of Well Opening:	Not Reported	Casing Material:	STEEL
Opening Material:	Not Reported	Opening Length (ft):	Not Reported
Opening Method:	Not Reported	Packer Material:	Not Reported

**Construction Information:**

Record #:	4	Well Interval:	WELL OPENINGS
Top Depth (ft):	1090	Bottom Depth (ft):	1111
Casing Above Surface:	Not Reported	Diameter (in):	6.625
Type of Well Opening:	SCREEN - TYPE NOT KNOWN	Opening Material:	STAINLESS STEEL
Casing Material:	Not Reported	Opening Method:	Not Reported
Opening Length (ft):	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Packer Material: Not Reported

### Construction Information:

Record #:	5	Well Interval:	CASING
Top Depth (ft):	1111	Bottom Depth (ft):	1141
Casing Above Surface:	Not Reported	Diameter (in):	6.625
Type of Well Opening:	Not Reported	Casing Material:	STEEL
Opening Material:	Not Reported	Opening Length (ft):	Not Reported
Opening Method:	Not Reported	Packer Material:	Not Reported

### Construction Information:

Record #:	6	Well Interval:	WELL OPENINGS
Top Depth (ft):	1141	Bottom Depth (ft):	1330
Casing Above Surface:	Not Reported	Diameter (in):	6.625
Type of Well Opening:	SCREEN - TYPE NOT KNOWN	Opening Material:	STAINLESS STEEL
Casing Material:	Not Reported	Opening Method:	Not Reported
Opening Length (ft):	Not Reported		
Packer Material:	Not Reported		

### Construction Information:

Record #:	7	Well Interval:	CASING
Top Depth (ft):	1330	Bottom Depth (ft):	1360
Casing Above Surface:	Not Reported	Diameter (in):	6.625
Type of Well Opening:	Not Reported	Casing Material:	STEEL
Opening Material:	Not Reported	Opening Length (ft):	Not Reported
Opening Method:	Not Reported	Packer Material:	Not Reported

### Construction Information:

Record #:	8	Well Interval:	ANNULAR GRAVEL PACK
Top Depth (ft):	1085	Bottom Depth (ft):	1360
Casing Above Surface:	Not Reported	Diameter (in):	16.25
Type of Well Opening:	Not Reported	Casing Material:	Not Reported
Opening Material:	Not Reported	Opening Length (ft):	Not Reported
Opening Method:	Not Reported	Packer Material:	Not Reported

### Geologic Information:

Record #:	1	Top Geo Unit Below Surface (ft):	0
Bottom Geo Unit Below Surface (ft):	25	Geo Unit Thickness (ft):	25
Geo Unit Description:	BRN CLAY		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

### Geologic Information:

Record #:	2	Top Geo Unit Below Surface (ft):	25
Bottom Geo Unit Below Surface (ft):	180	Geo Unit Thickness (ft):	155
Geo Unit Description:	GRAY SHALE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Geologic Information:**

Record #:	3	Top Geo Unit Below Surface (ft):	180
Bottom Geo Unit Below Surface (ft):	205	Geo Unit Thickness (ft):	25
Geo Unit Description:	WHITE LIMESTONE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**Geologic Information:**

Record #:	4	Top Geo Unit Below Surface (ft):	205
Bottom Geo Unit Below Surface (ft):	300	Geo Unit Thickness (ft):	95
Geo Unit Description:	GRAY SHALE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**Geologic Information:**

Record #:	5	Top Geo Unit Below Surface (ft):	300
Bottom Geo Unit Below Surface (ft):	370	Geo Unit Thickness (ft):	70
Geo Unit Description:	WHITE LIMESTONE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**Geologic Information:**

Record #:	6	Top Geo Unit Below Surface (ft):	370
Bottom Geo Unit Below Surface (ft):	1090	Geo Unit Thickness (ft):	720
Geo Unit Description:	GRAY SHALE W/ SD AND LM		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	SD = SAND; LM = LIMESTONE		

**Geologic Information:**

Record #:	7	Top Geo Unit Below Surface (ft):	1090
Bottom Geo Unit Below Surface (ft):	1110	Geo Unit Thickness (ft):	20
Geo Unit Description:	WHITE SANDSTONE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**Geologic Information:**

Record #:	8	Top Geo Unit Below Surface (ft):	1110
Bottom Geo Unit Below Surface (ft):	1150	Geo Unit Thickness (ft):	40
Geo Unit Description:	GRAY SHALE W/ SD		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**Geologic Information:**

Record #:	9	Top Geo Unit Below Surface (ft):	1150
Bottom Geo Unit Below Surface (ft):	1190	Geo Unit Thickness (ft):	40
Geo Unit Description:	WHITE SANDSTONE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Geologic Information:**

Record #:	10	Top Geo Unit Below Surface (ft):	1190
Bottom Geo Unit Below Surface (ft):	1330	Geo Unit Thickness (ft):	140
Geo Unit Description:	WHITE SANDSTONE SHALE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**Geologic Information:**

Record #:	11	Top Geo Unit Below Surface (ft):	1330
Bottom Geo Unit Below Surface (ft):	1360	Geo Unit Thickness (ft):	30
Geo Unit Description:	GRAY SHALE		
Source of Geo Data:	DRILLERS DESCRIPTION OF FORMATION GEOLOGY		
Remarks:	Not Reported		

**D22  
SSE  
1/2 - 1 Mile  
Lower**

**TX WELLS TXMON6000515827**

Database:	Submitted Drillers Reports Database		
Well Report #:	72331	Well Type:	New Well
Proposed Use:	Public Supply	Borehole Depth (ft):	1360
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

**D23  
SSE  
1/2 - 1 Mile  
Lower**

**TX WELLS TXWDB8000040917**

Database:	Groundwater Database		
Primary Water Use:	Public Supply	Well #:	1849605
Well Depth (ft):	1360	Elevation (ft):	549
Water Quality Review:	Yes	Observation Type:	Miscellaneous Measurements
Well Type:	Withdrawal of Water	Aquifer:	218PLXY - Paluxy Sand

**E24  
SE  
1/2 - 1 Mile  
Higher**

**TX WELLS TXMON6000190197**

Database:	Submitted Drillers Reports Database		
Well Report #:	193282	Well Type:	New Well
Proposed Use:	Irrigation	Borehole Depth (ft):	1396
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**E25**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXMON6000190196**

Database:	Submitted Drillers Reports Database	Well Type:	New Well
Well Report #:	193281	Borehole Depth (ft):	1396
Proposed Use:	Irrigation	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		

**26**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TXPLU6000167176**

Database:	Submitted Drillers Reports Database (Plugged)	Plugging Rpt #:	170310
Well Report #:	Not Reported	Borehole Depth (ft):	23
Well Type:	Withdrawal of Water		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: TX Radon

### Radon Test Results

County	Mean	Total Sites	%>4 pCi/L	%>20 pCi/L	Min pCi/L	Max pCi/L
DENTON	1.0	33	.0	.0	<.5	3.0

Federal EPA Radon Zone for DENTON 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: 75068

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Wetland Inventory

Source: Texas General Land Office

Telephone: 512-463-0745

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Public Water Supply Sources Databases

Source: Texas Commission on Environmental Quality

Telephone: 512-239-6199

Locations of public drinking water sources maintained by the TCEQ.

#### Groundwater Database

Source: Texas Water Development Board

Telephone: 512-936-0837

#### Well Report Database

Source: Department of Licensing and Regulation

Telephone: 512-936-0833

#### Water Well Database

Source: Harris-Galveston Coastal Subsidence District

Telephone: 281-486-1105

#### Brackish Resources Aquifer Characterization System Database

Source: Texas Water Development Board

WDB's Brackish Resources Aquifer Characterization System (BRACS) was designed to map and characterize the brackish aquifers of Texas in greater detail than previous studies. The information is contained in the BRACS Database and project data are summarized in a project report with companion geographic information system data files.

#### Submitted Driller's Reports Database

Source: Texas Water Development Board

Telephone: 512-936-0833

The Submitted Driller's Report Database is populated from the online Texas Well Report Submission and Retrieval System which is a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application that registered water-well drillers use to submit their required reports.

## OTHER STATE DATABASE INFORMATION

#### Texas Oil and Gas Wells

Source: Texas Railroad Commission

Telephone: 512-463-6882

Oil and gas well locations.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## RADON

### State Database: TX Radon

Source: Department of Health  
Telephone: 512-834-6688  
Rinal Report of the Texas Indoor Radon Survey

### 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

### **STREET AND ADDRESS INFORMATION**

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**Phase I ESA - 350 Doe Creek Road**

350 Doe Creek Road

Little Elm, TX 75068

Inquiry Number: 6991004.11

May 23, 2022

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# EDR Aerial Photo Decade Package

05/23/22

**Site Name:**

Phase I ESA - 350 Doe Creek |  
350 Doe Creek Road  
Little Elm, TX 75068  
EDR Inquiry # 6991004.11

**Client Name:**

Building & Earth Sciences  
5545 Derby Dr  
Birmingham, AL 35210  
Contact: Sandra Ives



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

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1989	1"=500'	Flight Date: March 22, 1989	NAPP
1981	1"=500'	Flight Date: September 21, 1981	USDA
1972	1"=500'	Flight Date: February 21, 1972	USDA
1968	1"=500'	Flight Date: May 01, 1968	USGS
1951	1"=500'	Flight Date: January 19, 1951	USDA
1942	1"=500'	Flight Date: April 01, 1942	USDA

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INQUIRY #: 6991004.11

YEAR: 2016

— = 500'





INQUIRY #: 6991004.11

YEAR: 2012

— = 500'





INQUIRY #: 6991004.11

YEAR: 2008

— = 500'





INQUIRY #: 6991004.11

YEAR: 2005

— = 500'





INQUIRY #: 6991004.11

YEAR: 1989

— = 500'



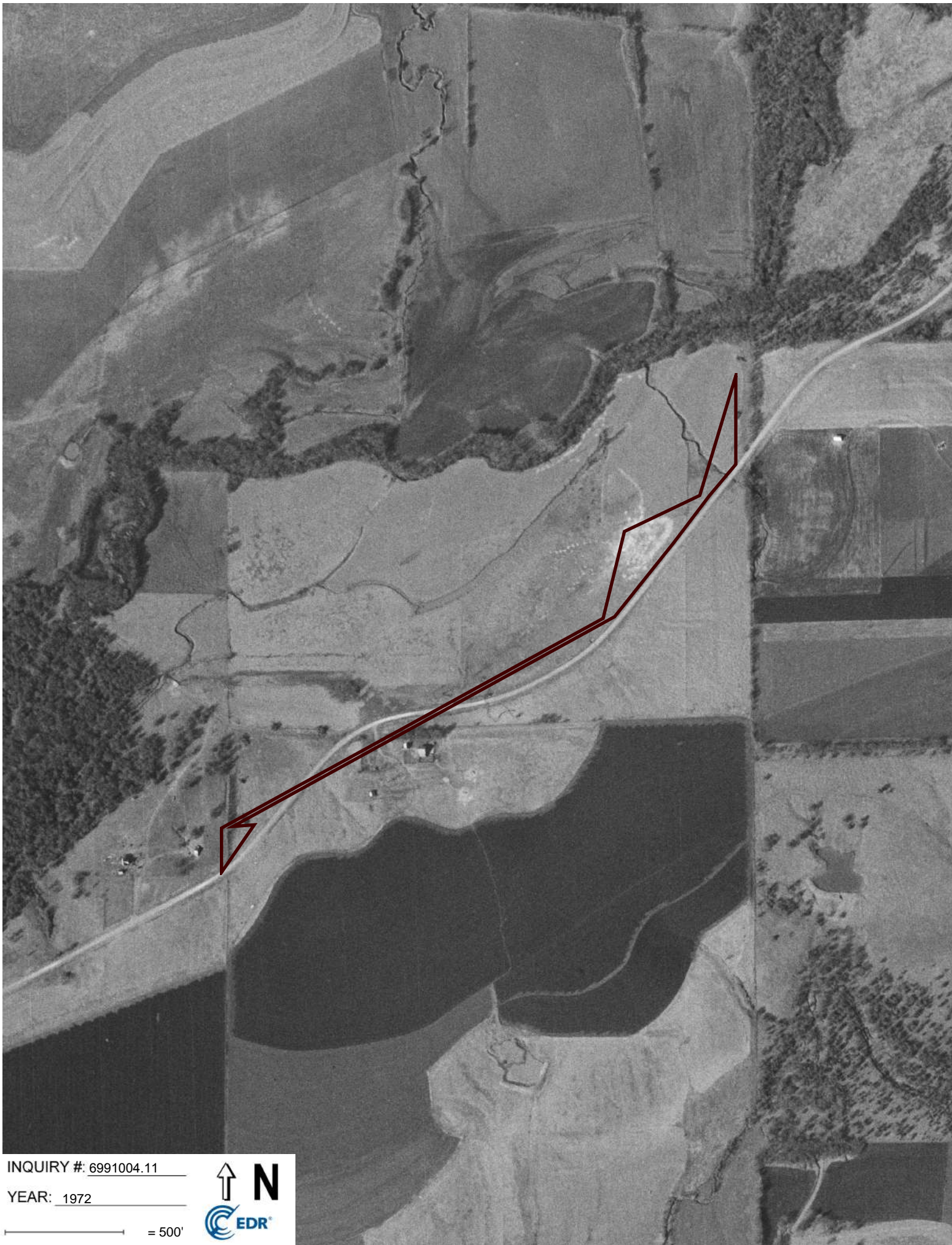


INQUIRY #: 6991004.11

YEAR: 1981

— = 500'





INQUIRY #: 6991004.11

YEAR: 1972

— = 500'







INQUIRY #: 6991004.11

YEAR: 1968

— = 500'



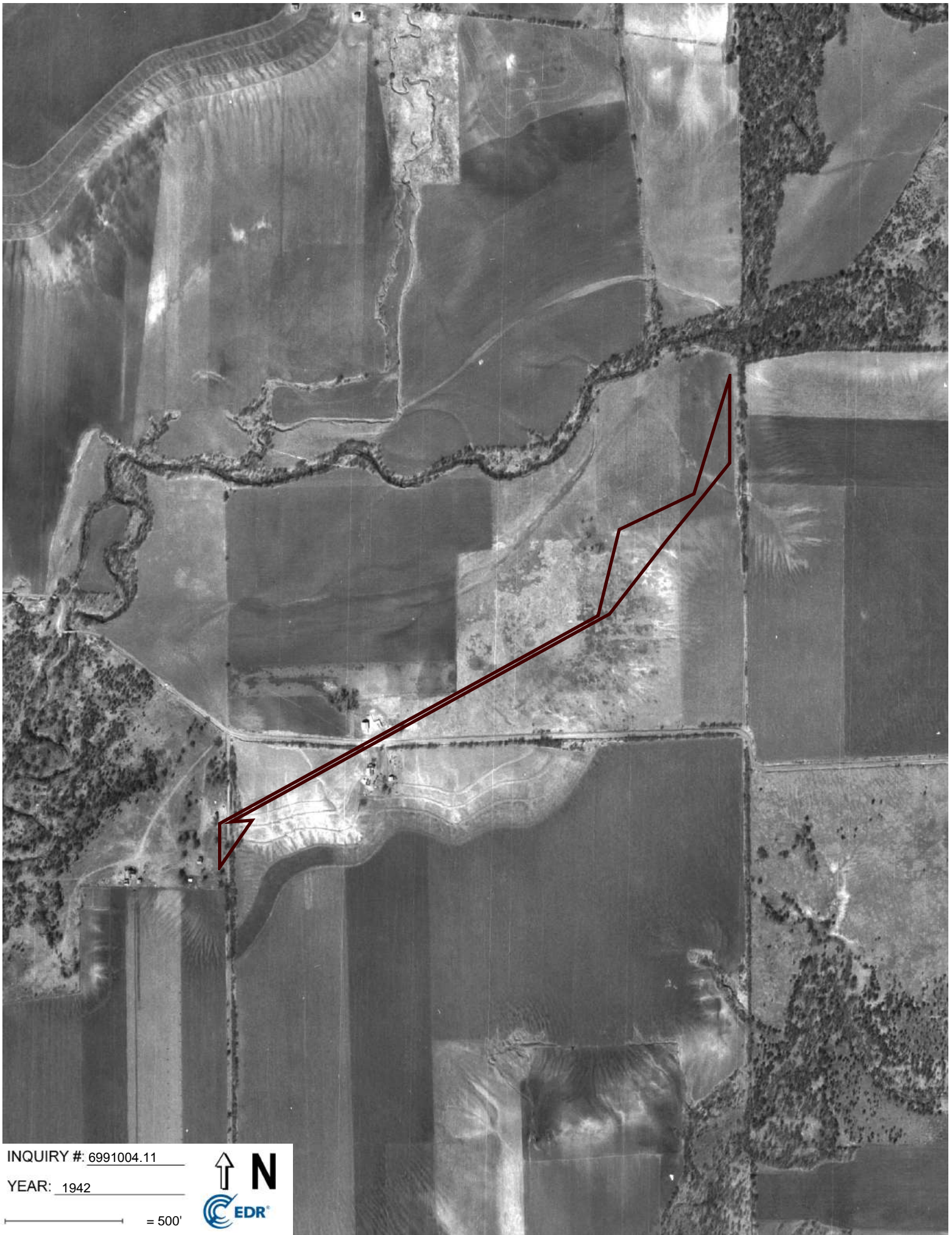


INQUIRY #: 6991004.11

YEAR: 1951

— = 500'





INQUIRY #: 6991004.11

YEAR: 1942

— = 500'



Phase I ESA - 350 Doe Creek Road

350 Doe Creek Road

Little Elm, TX 75068

Inquiry Number: 6991004.4

May 23, 2022

# EDR Historical Topo Map Report

with QuadMatch™



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Toll Free: 800.352.0050  
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# EDR Historical Topo Map Report

05/23/22

**Site Name:**

Phase I ESA - 350 Doe Creek |  
350 Doe Creek Road  
Little Elm, TX 75068  
EDR Inquiry # 6991004.4

**Client Name:**

Building & Earth Sciences  
5545 Derby Dr  
Birmingham, AL 35210  
Contact: Sandra Ives



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Building & Earth Sciences 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:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	33.211558 33° 12' 42" North
<b>Project:</b>	3.186 Acres - 350 Doe Creek F	<b>Longitude:</b>	-96.896549 -96° 53' 48" West
		<b>UTM Zone:</b>	Zone 14 North
		<b>UTM X Meters:</b>	696043.10
		<b>UTM Y Meters:</b>	3676712.28
		<b>Elevation:</b>	552.49' above sea level

**Maps Provided:**

2019  
2016  
2013  
1978  
1969  
1968  
1960  
1929

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## Topo Sheet Key

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

### 2019 Source Sheets



Little Elm  
2019  
7.5-minute, 24000



Frisco  
2019  
7.5-minute, 24000

### 2016 Source Sheets



Little Elm  
2016  
7.5-minute, 24000



Frisco  
2016  
7.5-minute, 24000

### 2013 Source Sheets



Little Elm  
2013  
7.5-minute, 24000



Frisco  
2013  
7.5-minute, 24000

### 1978 Source Sheets



FRISCO  
1978  
15-minute, 50000

## Topo Sheet Key

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

### 1969 Source Sheets



Little Elm  
1969  
7.5-minute, 24000  
Aerial Photo Revised 1968



Frisco  
1969  
7.5-minute, 24000  
Aerial Photo Revised 1968

### 1968 Source Sheets



Little Elm  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1957

### 1960 Source Sheets



Frisco  
1960  
7.5-minute, 24000  
Aerial Photo Revised 1957

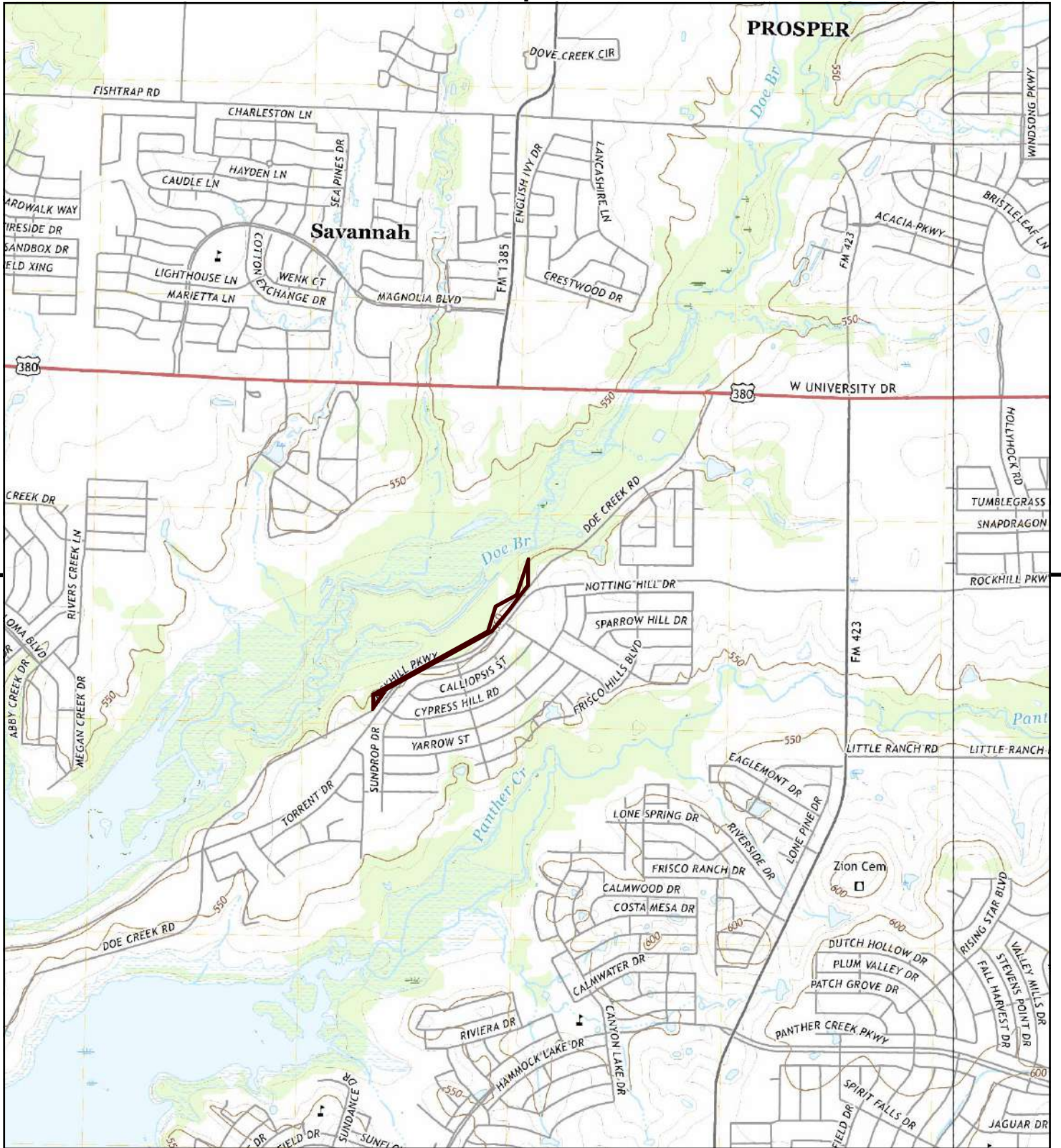


Little Elm  
1960  
7.5-minute, 24000  
Aerial Photo Revised 1957

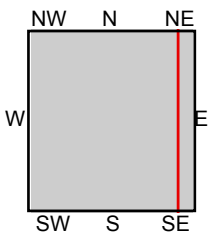
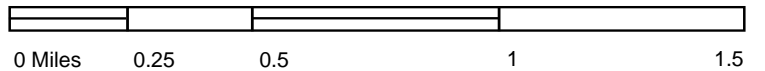
### 1929 Source Sheets



Frisco  
1929  
15-minute, 62500



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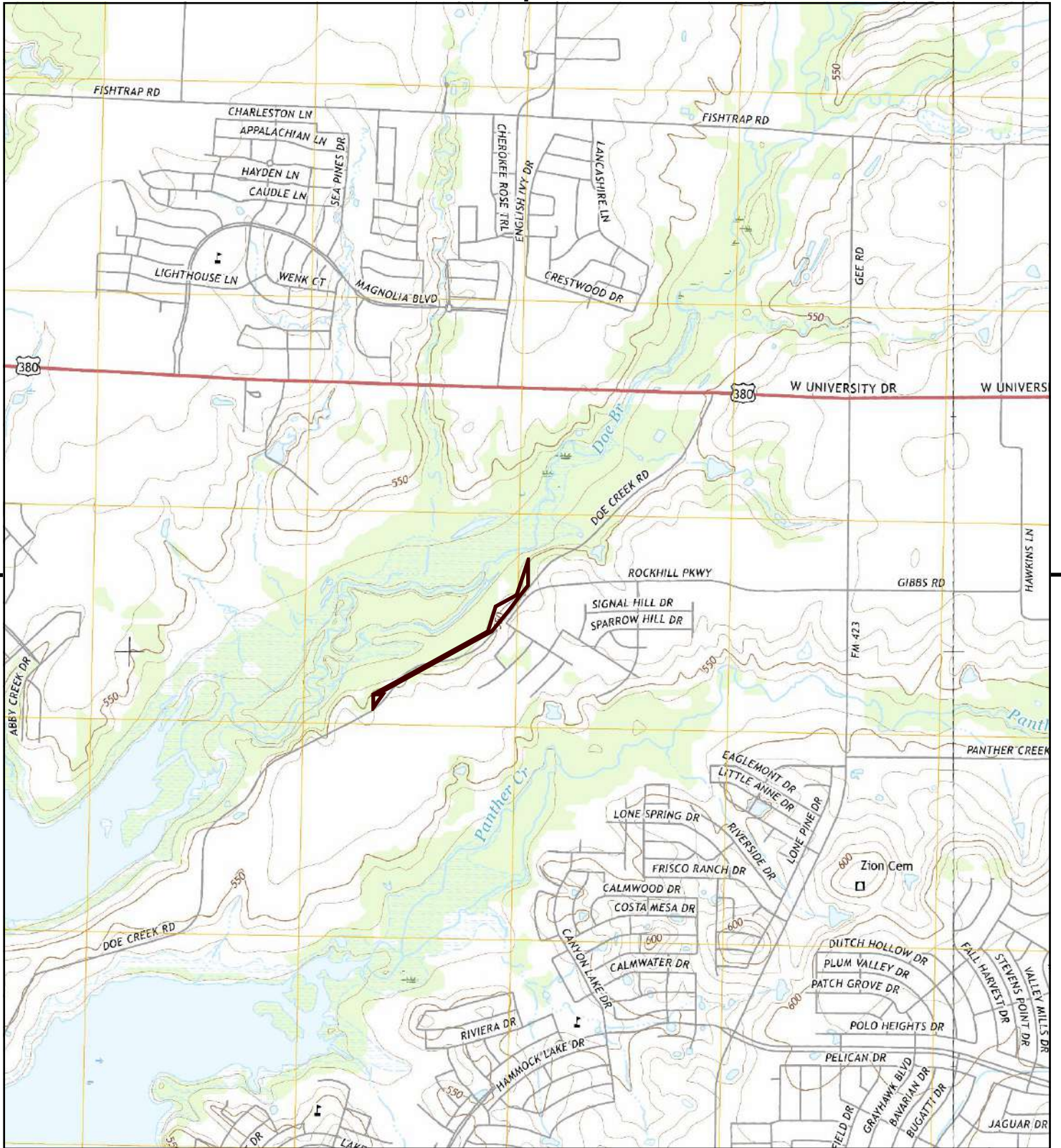


TP, Little Elm, 2019, 7.5-minute  
E, Frisco, 2019, 7.5-minute

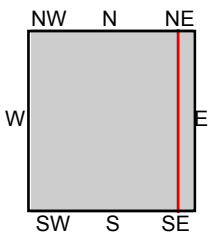
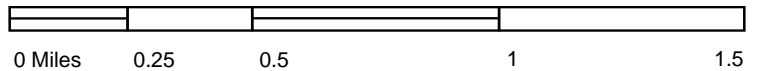
**SITE NAME:** Phase I ESA - 350 Doe Creek Road  
**ADDRESS:** 350 Doe Creek Road  
Little Elm, TX 75068  
**CLIENT:** Building & Earth Sciences







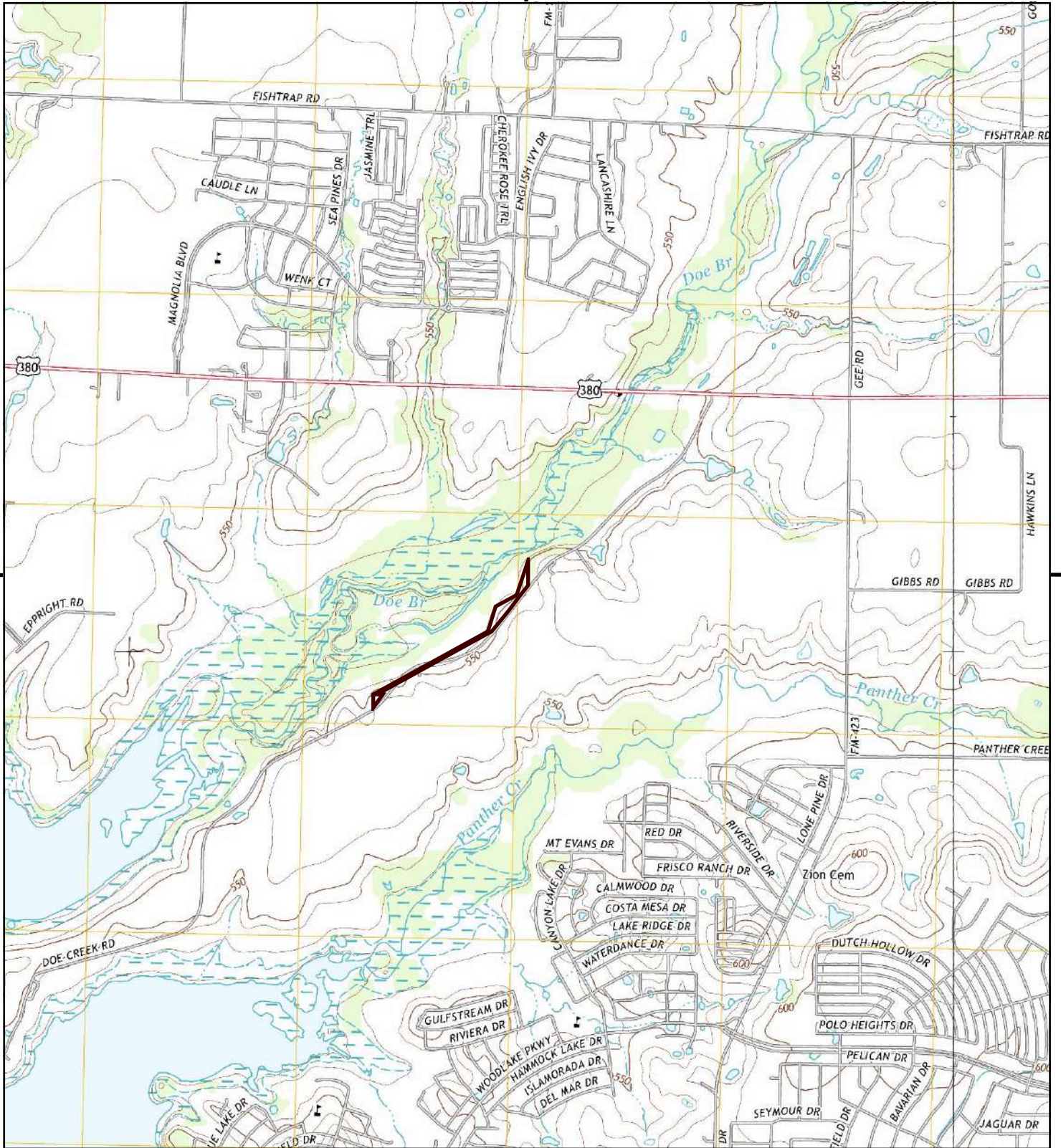
This report includes information from the following map sheet(s).



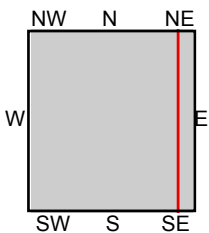
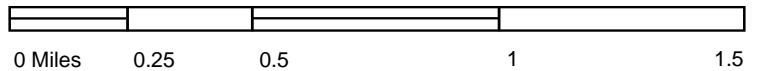
TP, Little Elm, 2016, 7.5-minute  
E, Frisco, 2016, 7.5-minute

SITE NAME: Phase I ESA - 350 Doe Creek Road  
ADDRESS: 350 Doe Creek Road  
Little Elm, TX 75068  
CLIENT: Building & Earth Sciences





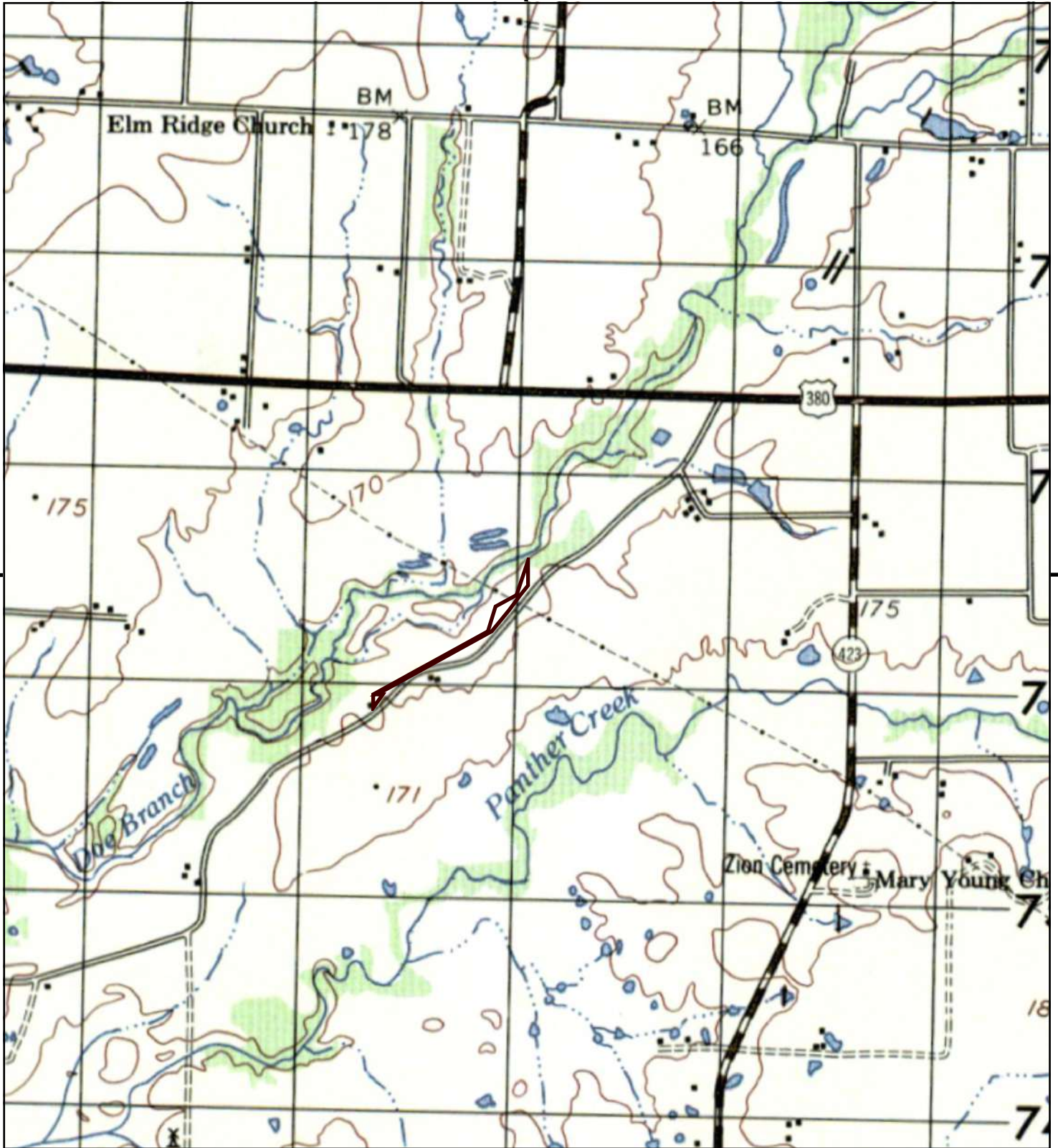
This report includes information from the following map sheet(s).



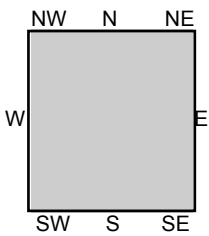
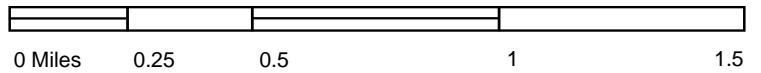
TP, Little Elm, 2013, 7.5-minute  
E, Frisco, 2013, 7.5-minute

SITE NAME: Phase I ESA - 350 Doe Creek Road  
ADDRESS: 350 Doe Creek Road  
Little Elm, TX 75068  
CLIENT: Building & Earth Sciences





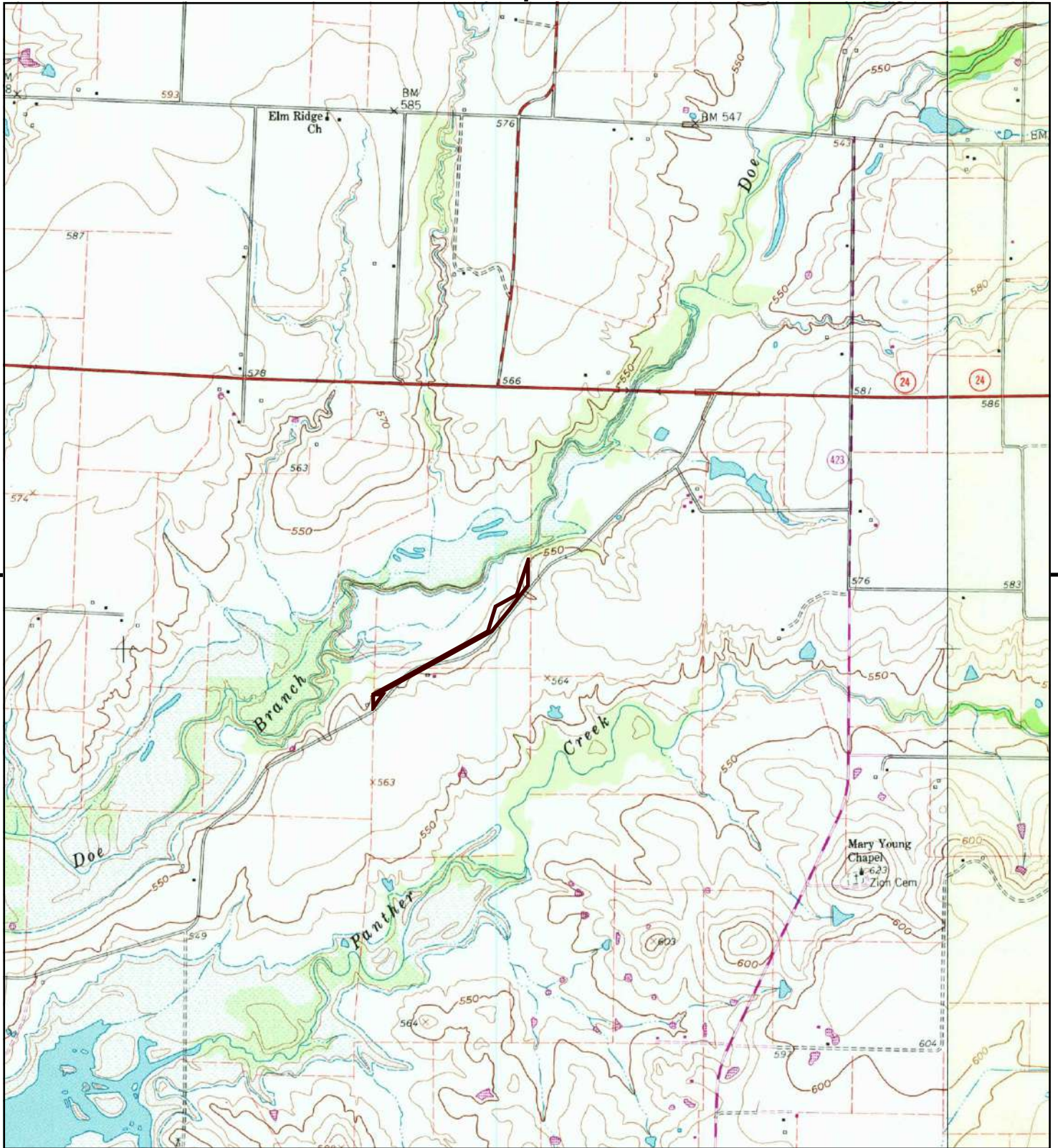
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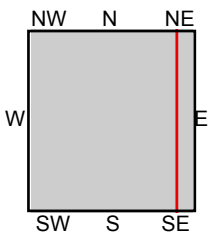
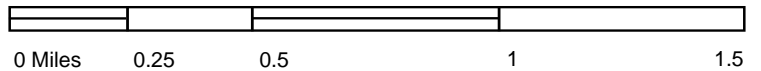
TP, FRISCO, 1978, 15-minute

SITE NAME: Phase I ESA - 350 Doe Creek Road  
ADDRESS: 350 Doe Creek Road  
Little Elm, TX 75068  
CLIENT: Building & Earth Sciences





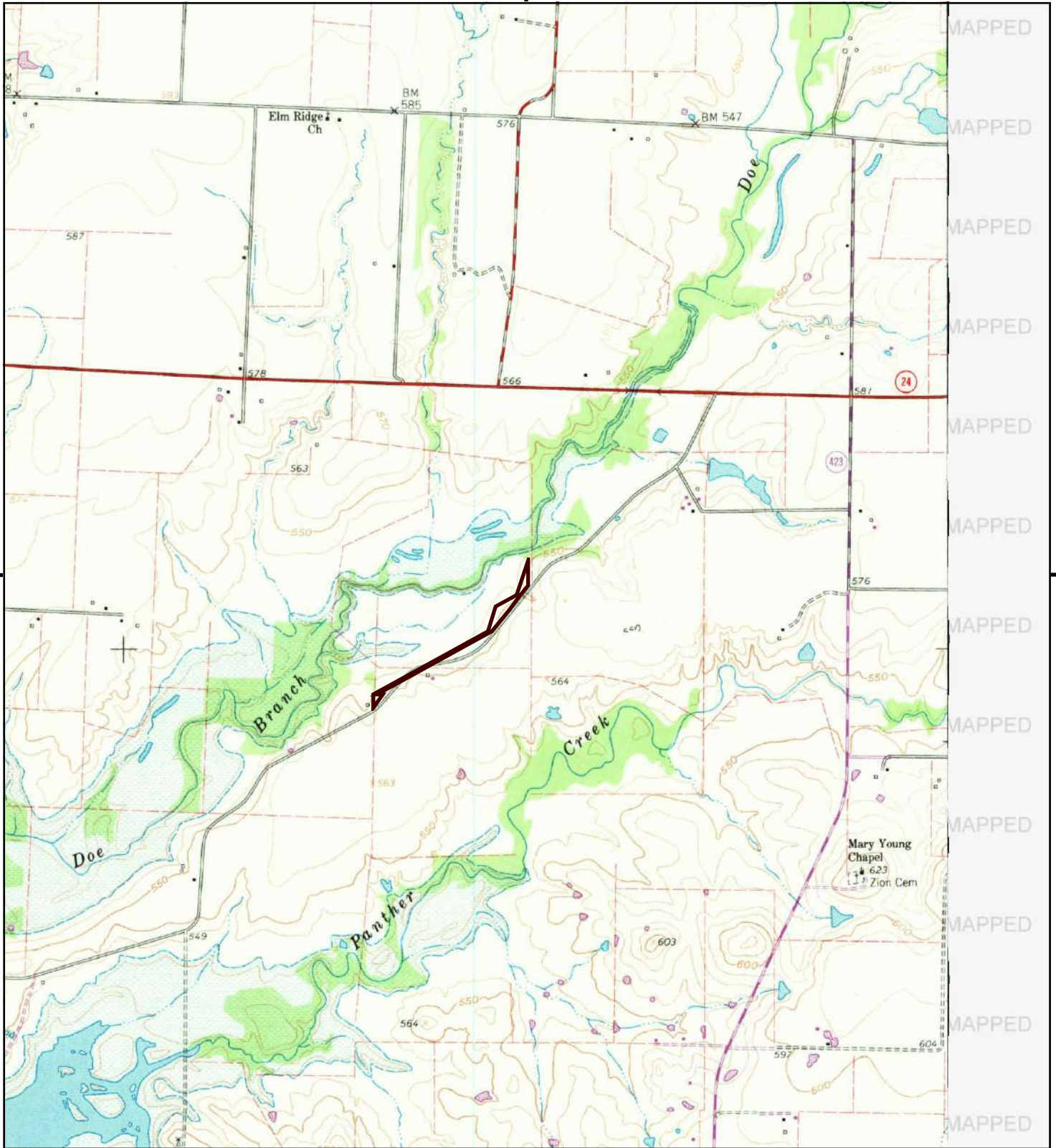
This report includes information from the following map sheet(s).



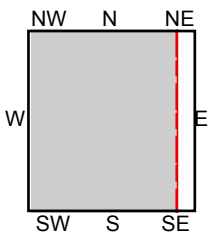
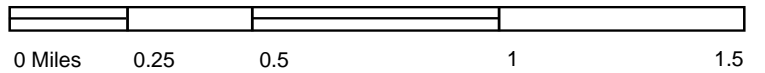
TP, Little Elm, 1969, 7.5-minute  
E, Frisco, 1969, 7.5-minute

**SITE NAME:** Phase I ESA - 350 Doe Creek Road  
**ADDRESS:** 350 Doe Creek Road  
Little Elm, TX 75068  
**CLIENT:** Building & Earth Sciences





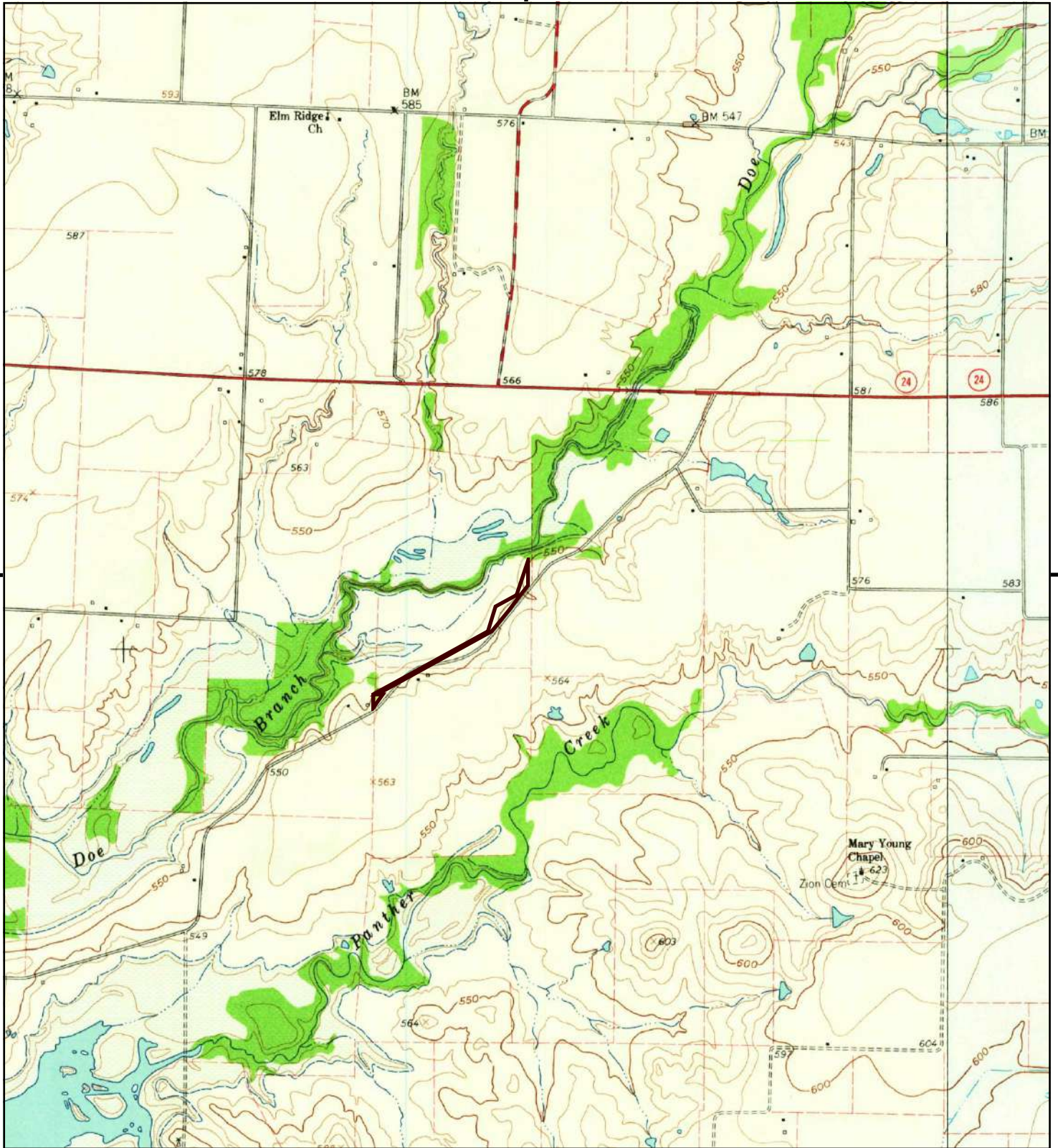
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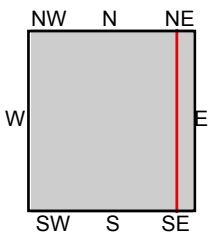
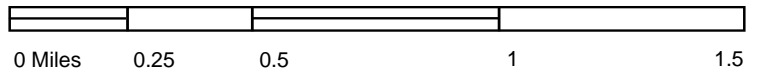
TP, Little Elm, 1968, 7.5-minute

**SITE NAME:** Phase I ESA - 350 Doe Creek Road  
**ADDRESS:** 350 Doe Creek Road  
 Little Elm, TX 75068  
**CLIENT:** Building & Earth Sciences





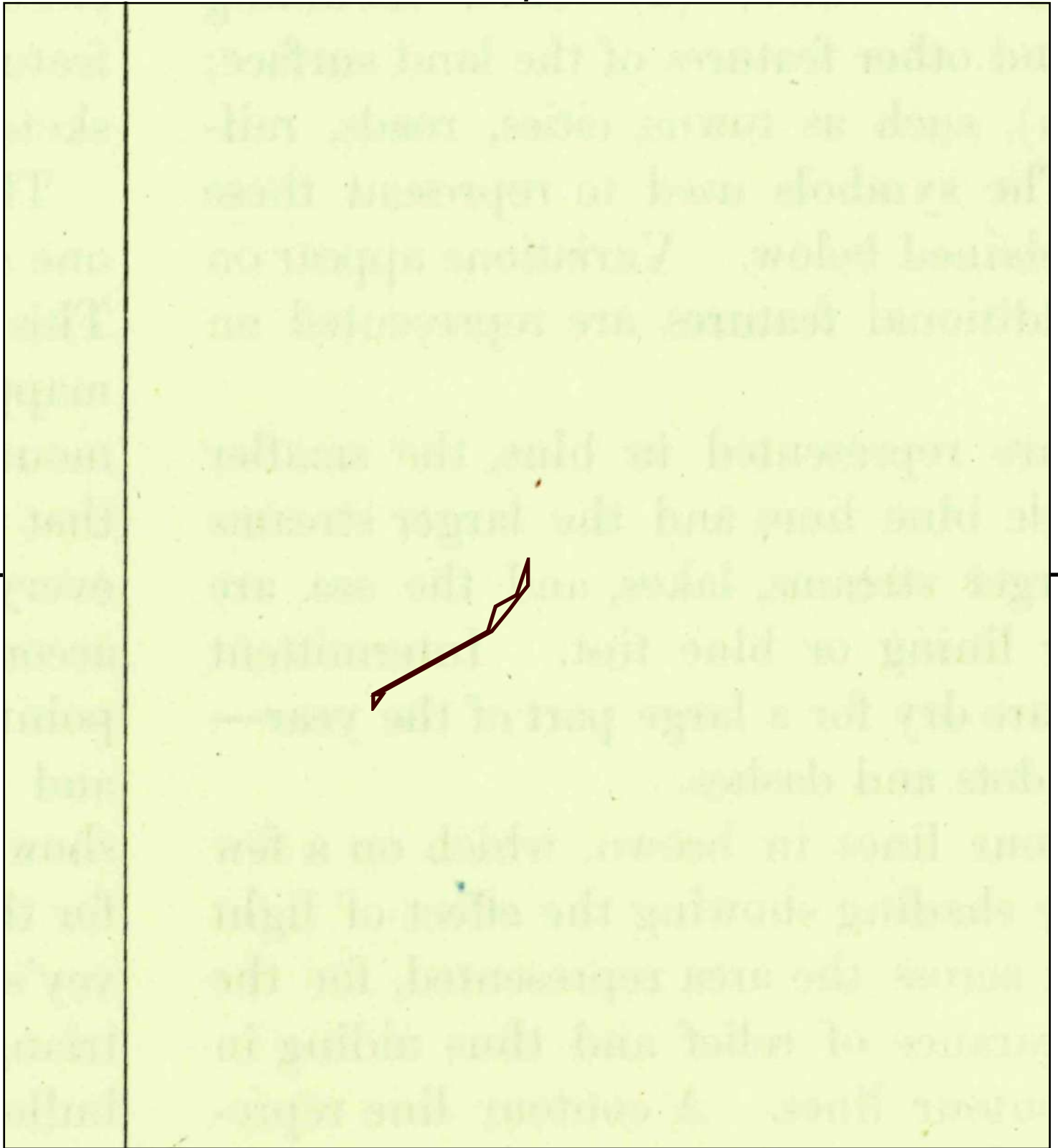
This report includes information from the following map sheet(s).



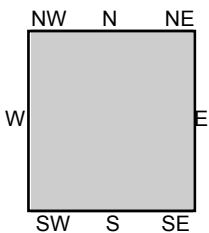
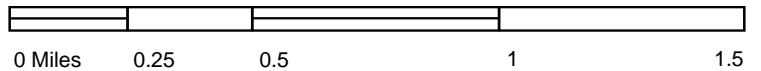
TP, Little Elm, 1960, 7.5-minute  
E, Frisco, 1960, 7.5-minute

**SITE NAME:** Phase I ESA - 350 Doe Creek Road  
**ADDRESS:** 350 Doe Creek Road  
Little Elm, TX 75068  
**CLIENT:** Building & Earth Sciences





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



TP, Frisco, 1929, 15-minute

SITE NAME: Phase I ESA - 350 Doe Creek Road  
 ADDRESS: 350 Doe Creek Road  
 Little Elm, TX 75068  
 CLIENT: Building & Earth Sciences



Phase I ESA - 350 Doe Creek Road

350 Doe Creek Road

Little Elm, TX 75068

Inquiry Number: 6991004.3

May 23, 2022

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# Certified Sanborn® Map Report

05/23/22

**Site Name:**

Phase I ESA - 350 Doe Creek I  
350 Doe Creek Road  
Little Elm, TX 75068  
EDR Inquiry # 6991004.3

**Client Name:**

Building & Earth Sciences  
5545 Derby Dr  
Birmingham, AL 35210  
Contact: Sandra Ives



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

## Certified Sanborn Results:

**Certification #** E899-4B90-A3FE  
**PO #** NA  
**Project** 3.186 Acres - 350 Doe Creek Ro

### UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: E899-4B90-A3FE

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

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

*The Sanborn Library LLC Since 1866™*

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**Phase I ESA - 350 Doe Creek Road**

350 Doe Creek Road  
Little Elm, TX 75068

Inquiry Number: 6991004.5  
May 25, 2022

# The EDR-City Directory Image Report

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Findings

City Directory Images

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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 city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive 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>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1987	<input type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1982	<input type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

# FINDINGS

## TARGET PROPERTY STREET

350 Doe Creek Road  
Little Elm, TX 75068

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

## DOE CREEK RD

2017	pg A1	EDR Digital Archive	
2014	pg A2	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	pg A4	EDR Digital Archive	
2000	pg A5	EDR Digital Archive	
1992	pg A7	EDR Digital Archive	
1987	-	Cole Criss-Cross Directory	Target and Adjoining not listed in Source
1982	-	Cole Criss-Cross Directory	Street not listed in Source

## DOE CRK RD

1995	pg A6	EDR Digital Archive
------	-------	---------------------

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**DOE CREEK RD 2017**

355	MULLENS, CHARLES G
486	TRAVIS, JESSICA E
625	JONES, MELISSA L
679	GOCKEL, JAMES F
699	RIDDLE, EDGAR E



**DOE CREEK RD 2014**

155	OCCUPANT UNKNOWN,
345	KELLER, KRISTEN L
355	MULLENS, CHARLES G
400	UECKERT, DOUGLAS E
486	OCCUPANT UNKNOWN,
575	OCCUPANT UNKNOWN,
625	SCRIFRES, JASON M
679	GOCKEL, JAMES F
698	MULLENS, KEVIN
699	RIDDLE, EDGAR E

**DOE CREEK RD 2010**

155	GABY, JESSICA L
345	KELLER, KRISTEN L
355	MULLENS, CHARLES G
400	UECKERT, DOUGLAS E
486	OCCUPANT UNKNOWN,
575	SPARKS, ROBERT J
625	SCIFRES, ROBERT E
679	GOCKEL, JAMES F
698	MULLENS, KEVIN
699	RIDDLE, EDGAR E

**DOE CREEK RD 2005**

155 GABY, CRAIG A  
345 OCCUPANT UNKNOWN,  
355 MULLENS COMMUNICATIONS  
MULLENS, CHARLES G  
400 KIRCH, DAVID  
575 SPARKS, ROBERT J  
625 SCILLIAN, ROBERT  
679 SEITZ, ROBERT E  
698 OCCUPANT UNKNOWN,  
699 RIDDLE, EDGAR E

**DOE CREEK RD 2000**

400	KIRCH, DAVID
679	FREDERICKSON, C
699	RIDDLE, NORMA

**DOE CRK RD 1995**

400	KIRCH, DAVID
679	FREDERICKSON, CATHY
699	RIDDLE, EDGAR E



-

**DOE CREEK RD 1992**

679 ODOM, SUNNY  
699 RIDDLE, EDGAR E

**Phase I ESA - 350 Doe Creek Road**

350 Doe Creek Road

Little Elm, TX 75068

Inquiry Number: 6991004.2s

May 24, 2022

## EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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Secondary Map .....	3
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Record Sources and Currency .....	GR-1

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

<b>STANDARD ENVIRONMENTAL RECORDS</b>	<b>Default Area of Concern (Miles)*</b>	<b>property</b>	<b>1/10</b>	<b>&gt; 1/10</b>
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
Lists of state- and tribal (Superfund) equivalent sites	1.0	0	0	0
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

### **ADDITIONAL ENVIRONMENTAL RECORDS**

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	0.25	0	0	0
Local Land Records	property	0	-	-
Records of Emergency Release Reports	property	0	-	-
Other Ascertainable Records	1.0	0	0	0

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

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

## EXECUTIVE SUMMARY

### EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

\*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

# EXECUTIVE SUMMARY

## TARGET PROPERTY INFORMATION

### ADDRESS

PHASE I ESA - 350 DOE CREEK ROAD  
350 DOE CREEK ROAD  
LITTLE ELM, TX 75068

### COORDINATES

Latitude (North):	33.211558 - 33° 12' 41.613464"
Longitude (West):	96.896549 - 96° 53' 47.563477"
Elevation:	554 ft. above sea level

# EXECUTIVE SUMMARY

## SEARCH RESULTS

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

## STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

## ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

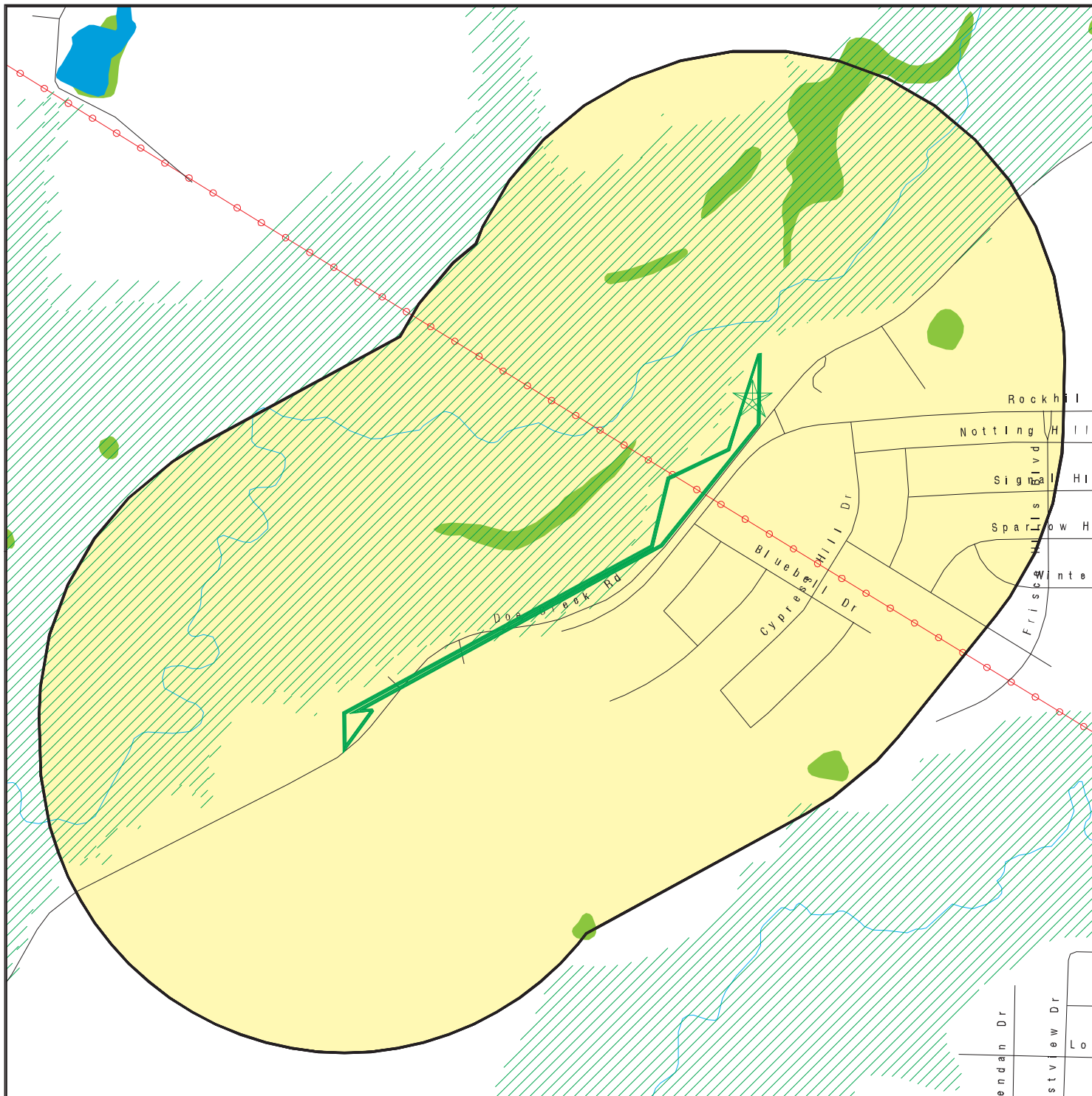
## EDR HIGH RISK HISTORICAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

## EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

# PRIMARY MAP - 6991004.2S



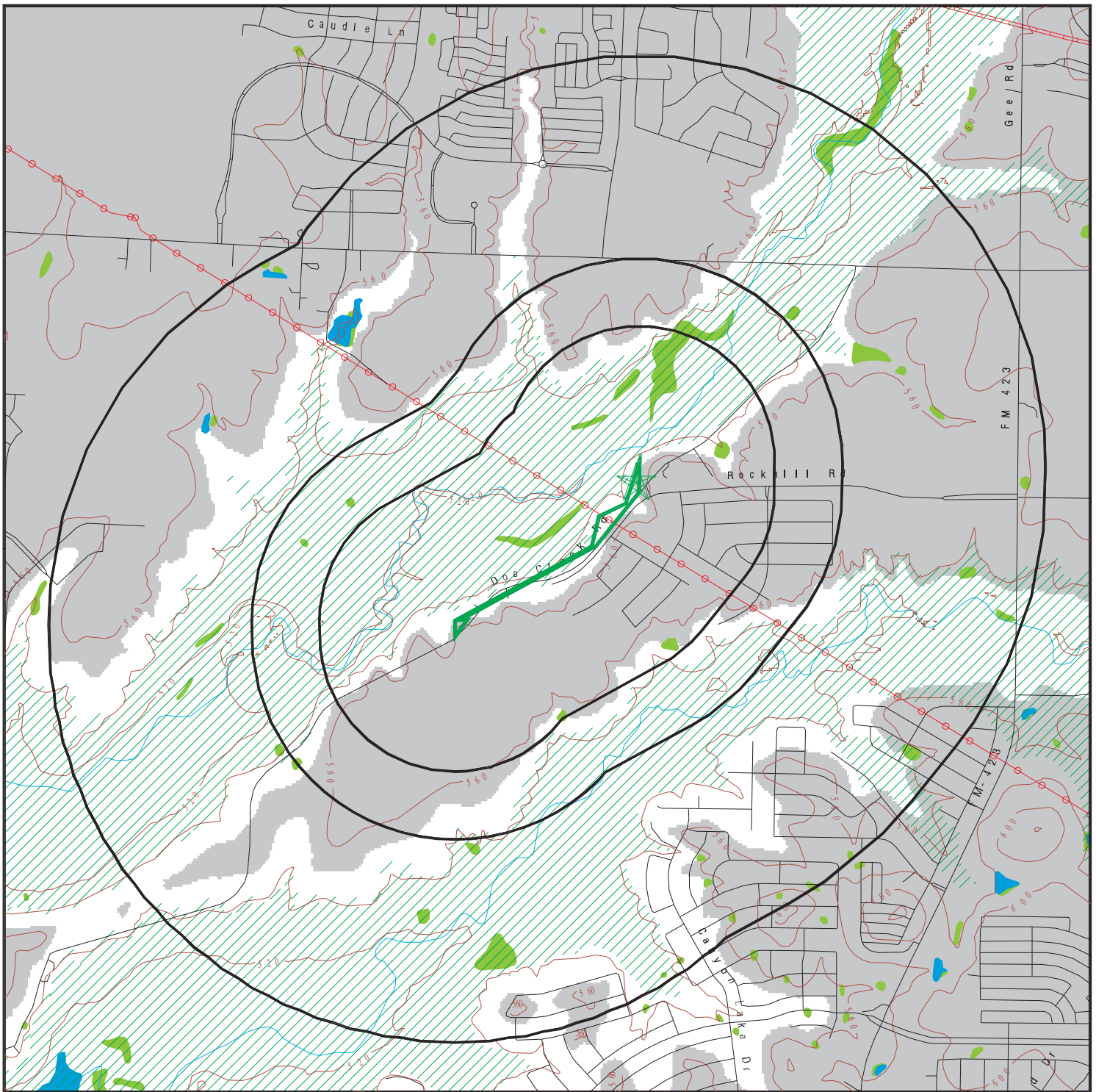
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard 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: Phase I ESA - 350 Doe Creek Road  
 ADDRESS: 350 Doe Creek Road  
 Little Elm TX 75068  
 LAT/LONG: 33.211558 / 96.896549

CLIENT: Building & Earth Sciences  
 CONTACT: Sandra Ives  
 INQUIRY #: 6991004.2S  
 DATE: May 23, 2022 2:20 pm

# SECONDARY MAP - 6991004.2S



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

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Upgradient Area



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: Phase I ESA - 350 Doe Creek Road  
 ADDRESS: 350 Doe Creek Road  
 Little Elm TX 75068  
 LAT/LONG: 33.211558 / 96.896549

CLIENT: Building & Earth Sciences  
 CONTACT: Sandra Ives  
 INQUIRY #: 6991004.2s  
 DATE: May 23, 2022 2:19 pm

MAP FINDINGS

**LEGEND**

<b>FACILITY NAME</b>		<b>FACILITY ADDRESS, CITY, ST, ZIP</b>		<b>EDR SITE ID NUMBER</b>
<b>◆ MAP ID#</b>	Direction	Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation	Feet Above Sea Level		
<b>Worksheet:</b>				
<b>Comments:</b> Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
<b>ENVIRONMENTAL RECORDS</b>						
<b>Federal NPL site list</b>						
US	NPL	National Priority List	EPA	01/25/2022	02/03/2022	02/22/2022
US	Proposed NPL	Proposed National Priority List Sites	EPA	01/25/2022	02/03/2022	02/22/2022
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<b>Federal CERCLIS list</b>						
US	SEMS	Superfund Enterprise Management System	EPA	01/25/2022	02/03/2022	02/22/2022
<b>Federal RCRA CORRACTS facilities list</b>						
US	CORRACTS	Corrective Action Report	EPA	02/28/2022	03/02/2022	03/17/2022
<b>Federal RCRA TSD facilities list</b>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
<b>Federal RCRA generators list</b>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
<b>Federal institutional controls / engineering controls registries</b>						
US	LUCIS	Land Use Control Information System	Department of the Navy	02/08/2022	02/11/2022	05/10/2022
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	11/19/2021	11/19/2021	02/14/2022
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	11/19/2021	11/19/2021	02/14/2022
<b>Federal ERNS list</b>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/31/2021	03/01/2022	03/10/2022
<b>State and tribal - equivalent NPL</b>						
TX	SHWS	State Superfund Registry	Texas Commission on Environmental Quality	03/31/2021	06/22/2021	09/16/2021
<b>State and tribal landfill / solid waste disposal</b>						
TX	SWF/LF	Permitted Solid Waste Facilities	Texas Commission on Environmental Quality	01/28/2022	01/28/2022	04/26/2022
TX	DEBRIS	DEBRIS	Texas Commission on Environmental Quality	03/27/2018	04/04/2018	06/08/2018
TX	NCTCOG LI	North Central Landfill Inventory	North Central Texas Council of Governments	12/21/2021	12/22/2021	03/15/2022
TX	CAPCOG LI	Capitol Area Landfill Inventory	Capital Area Council of Governments	01/06/2017	01/10/2017	03/15/2017
TX	H-GAC CLI	Houston-Galveston Closed Landfill Inventory	Houston-Galveston Area Council	12/21/2021	12/22/2021	03/15/2022
TX	CLI	Closed Landfill Inventory	Texas Commission on Environmental Quality	08/30/1999	09/28/2000	10/30/2000
TX	WASTE MGMT	Commercial Hazardous & Solid Waste Management Facilities	Texas Commission on Environmental Quality	10/16/2019	01/10/2020	03/18/2020



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
<b>State and tribal leaking storage tank lists</b>						
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
TX	LPST	Leaking Petroleum Storage Tank Database	Texas Commission on Environmental Quality	01/05/2022	01/06/2022	03/28/2022
TX	RDR	Release Determination Report Listing	Texas Commission on Environmental Quality	07/13/2021	07/14/2021	01/21/2022
<b>State and tribal registered storage tank lists</b>						
TX	UST	Petroleum Storage Tank Database	Texas Commission on Environmental Quality	11/06/2021	12/17/2021	03/03/2022
TX	AST	Petroleum Storage Tank Database	Texas Commission on Environmental Quality	11/06/2021	12/17/2021	03/03/2022
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/14/2021	11/15/2021	02/08/2022
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
<b>State and tribal institutional control / engineering control registries</b>						
TX	AUL	Sites with Controls	Texas Commission on Environmental Quality	11/23/2021	01/07/2022	03/25/2022
<b>State and tribal voluntary cleanup sites</b>						
TX	VCP TCEQ	Voluntary Cleanup Program Database	Texas Commission on Environmental Quality	12/21/2021	01/07/2022	03/28/2022
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
TX	VCP RRC	Voluntary Cleanup Program Sites	Railroad Commission of Texas	12/21/2021	12/22/2021	03/15/2022
<b>State and tribal Brownfields sites</b>						
TX	BROWNFIELDS	Brownfields Site Assessments	TCEQ	12/23/2021	01/07/2022	03/25/2022
<b>Other Records</b>						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2021	01/14/2022	03/25/2022
US	ROD	Records Of Decision	EPA	01/25/2022	02/03/2022	02/22/2022
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/25/2022	02/03/2022	02/22/2022
TX	DEL SHWS	Deleted Superfund Registry Sites	Texas Commission on Environmental Quality	03/31/2021	06/22/2021	09/16/2021
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
TX	SWRCY	Recycling Facility Listing	TCEQ	02/11/2022	02/15/2022	05/13/2022
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/22/2022	02/23/2022	05/10/2022
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/13/2021	12/17/2021	03/17/2022

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/25/2022	02/03/2022	02/22/2022
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	Delisted NPL	National Priority List Deletions	EPA	01/25/2022	02/03/2022	02/22/2022
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/25/2022	02/03/2022	02/22/2022
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/15/2021	12/16/2021	03/10/2022
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/22/2022	02/23/2022	05/10/2022
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	02/23/2022	03/10/2022	03/10/2022
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/01/2021	02/15/2022	05/10/2022
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	03/21/2022	03/22/2022	03/25/2022
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/02/2021	11/22/2021	02/14/2022
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	01/25/2022	02/03/2022	02/25/2022
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	01/19/2022	01/19/2022	04/11/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	01/20/2022	01/20/2022	03/25/2022
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/29/2021	08/24/2021	11/19/2021
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2021	11/22/2021	02/25/2022
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2019	03/02/2022	03/25/2022
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/14/2021	12/15/2021	03/10/2022
TX	AIRS	Current Emission Inventory Data	Texas Commission on Environmental Quality	09/10/2021	09/13/2021	09/16/2021
TX	APAR	Affected Property Assessment Report Site Listing	Texas Commission on Environmental Quality	01/05/2022	01/21/2022	04/12/2022
TX	ASBESTOS	Asbestos Notification Listing	Department of State Health Services	11/30/2021	12/01/2021	02/22/2022
TX	CDL	Clandestine Drug Site Locations Listing	Department of Public Safety	09/07/2021	12/09/2021	03/01/2022
TX	COAL ASH	Coal Ash Disposal Sites	Texas Commission on Environmental Quality	01/27/2022	02/01/2022	04/26/2022
TX	DRYCLEANERS	Drycleaner Registration Database Listing	Texas Commission on Environmental Quality	11/02/2021	11/22/2021	02/10/2022
TX	ED AQUIF	Edwards Aquifer Permits	Texas Commission on Environmental Quality, Au	12/29/2021	01/07/2022	03/25/2022
TX	ENFORCEMENT	Notice of Violations Listing	Texas Commission on Environmental Quality	12/21/2021	01/11/2022	01/26/2022
TX	Financial Assurance 1	Financial Assurance Information Listing	Texas Commission on Environmental Quality	03/22/2022	03/29/2022	04/01/2022
TX	Financial Assurance 2	Financial Assurance Information Listing	Texas Commission on Environmental Quality	11/06/2021	12/20/2021	03/03/2022
TX	GCC	Groundwater Contamination Cases	Texas Commission on Environmental Quality	12/31/2020	11/30/2021	02/18/2022
TX	HIST LIENS	Environmental Liens Listing	Texas Commission on Environmental Quality	03/23/2007	03/23/2007	05/02/2007
TX	Ind. Haz Waste	Industrial & Hazardous Waste Database	Texas Commission on Environmental Quality	12/20/2021	01/12/2022	04/01/2022
TX	IHW CORR ACTION	IHW CORR ACTION	Texas Commission on Environmental Quality	12/21/2021	01/07/2022	03/29/2022
TX	IOP	Innocent Owner/Operator Program	Texas Commission on Environmental Quality	12/20/2021	01/07/2022	03/28/2022
TX	LEAD	Lead Inspection Listing	Department of State Health Services	11/30/2021	12/01/2021	02/22/2022
TX	LIENS	Environmental Liens Listing	Texas Commission on Environmental Quality	11/23/2021	12/10/2021	03/01/2022
TX	MSD	Municipal Settings Designations Database	Texas Commission on Environmental Quality	01/05/2022	02/04/2022	04/27/2022
TX	NPDES	NPDES Facility List	Texas Commission on Environmental Quality	02/01/2022	02/01/2022	02/14/2022
TX	PRIORITY CLEANERS	Dry Cleaner Remediation Program Prioritization List	Texas Commission on Environmental Quality	09/01/2021	11/30/2021	02/18/2022
TX	RWS	Radioactive Waste Sites	Texas Commission on Environmental Quality	07/24/2006	12/14/2006	01/23/2007
TX	SPILLS	Spills Database	Texas Commission on Environmental Quality	01/28/2022	02/03/2022	03/04/2022
TX	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	05/15/2005	01/03/2013	03/07/2013
TX	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	10/23/2012	01/03/2013	03/07/2013
TX	TIER 2	Tier 2 Chemical Inventory Reports	Department of State Health Services	12/31/2012	06/07/2013	07/22/2013
TX	UIC	Underground Injection Wells Database Listing	Texas Commission on Environmental Quality	04/25/2022	04/27/2022	04/28/2022
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/17/2022	02/17/2022	05/10/2022
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
TX	PFAS	PFAS Contamination Site Location Listing	Texas Commission on Environmental Quality	11/30/2021	12/10/2021	03/01/2022
TX	COMP HIST	Compliance History Listing	Texas Commission on Environmental Quality	11/23/2020	11/25/2020	02/16/2021
TX	PST STAGE 2	PST Stage 2	Texas Commission on Environmental Quality	07/17/2019	07/18/2019	09/24/2019
TX	CENTRAL REGISTRY	The Central Registry	Texas Commission on Environmental Quality	03/23/2022	03/24/2022	04/12/2022
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2022	01/04/2022	01/10/2022
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2020	01/11/2022	02/14/2022
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
TX	NON REGIST PST	Petroleum Storage Tank Non Registered	Texas Commission on Environmental Quality	05/06/2021	05/07/2021	06/08/2021

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
<b><u>HISTORICAL USE RECORDS</u></b>						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
TX	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Texas Commission on Environmental Quality		07/01/2013	12/26/2013
TX	RGA LF	Recovered Government Archive Solid Waste Facilities List	Texas Commission on Environmental Quality		07/01/2013	01/13/2014
<b><u>COUNTY RECORDS</u></b>						
TX	HIST UST AUSTIN	Historic Tank Records	Department of Planning & Development Review	06/25/2012	06/29/2012	08/23/2012

### **STREET AND ADDRESS INFORMATION**

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**Phase I ESA - 350 Doe Creek Road**

350 Doe Creek Road  
Little Elm, TX 75068

Inquiry Number: 6991004.8  
May 23, 2022

# EDR Building Permit Report

Target Property and Adjoining Properties

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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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# EDR BUILDING PERMIT REPORT

## About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

## ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

## Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



## EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Building & Earth Sciences on May 23, 2022.

### **TARGET PROPERTY**

350 Doe Creek Road  
Little Elm, TX 75068

### **SEARCH METHODS**

EDR searches available lists for both the Target Property and Surrounding Properties.

### **RESEARCH SUMMARY**

Building permits identified: **NO PERMITS IDENTIFIED**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Name: JurisdictionName  
Years: Years  
Source: Source  
Phone: Phone



**BUILDING DEPARTMENT RECORDS SEARCHED**

Name: Little Elm  
Years: 1964-2021  
Source: Town of Little Elm, Community Development Department, LITTLE ELM, TX  
Phone: (214) 975-0472

Name: Denton County Unincorporated Area  
Years: 1964-2022  
Source: Denton County, Texas, Denton, TX  
Phone: (940) 349-4590

## TARGET PROPERTY FINDINGS

### TARGET PROPERTY DETAIL

**350 Doe Creek Road  
Little Elm, TX 75068**

No Permits Found

## ADJOINING PROPERTY FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Permits Found

## GLOSSARY

### General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other common reasons for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

## GLOSSARY

### Permit Content Definitions

- **Permit Number:** The alphanumeric designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- **Description:** A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- **Permit Type:** Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

### Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

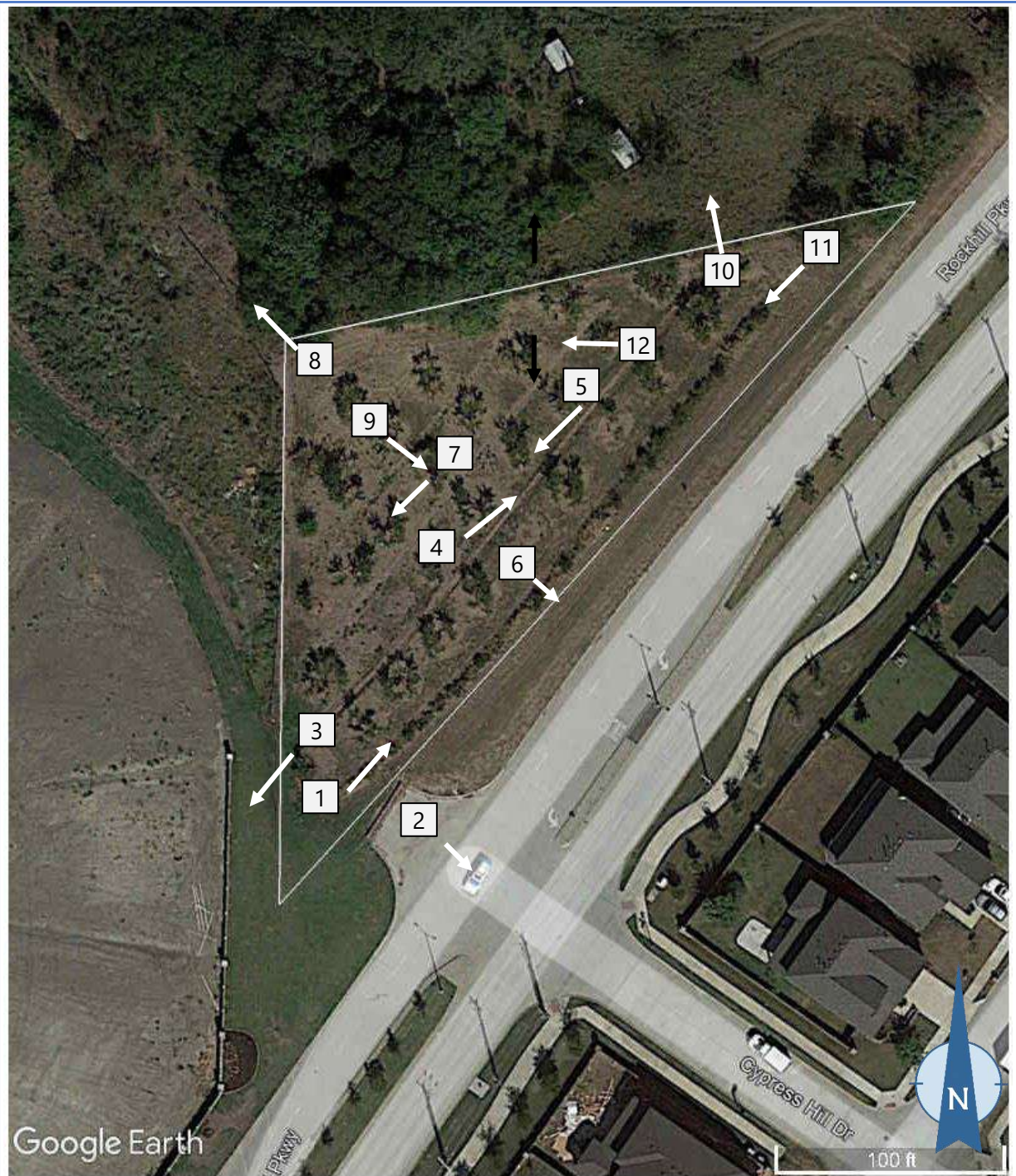
Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

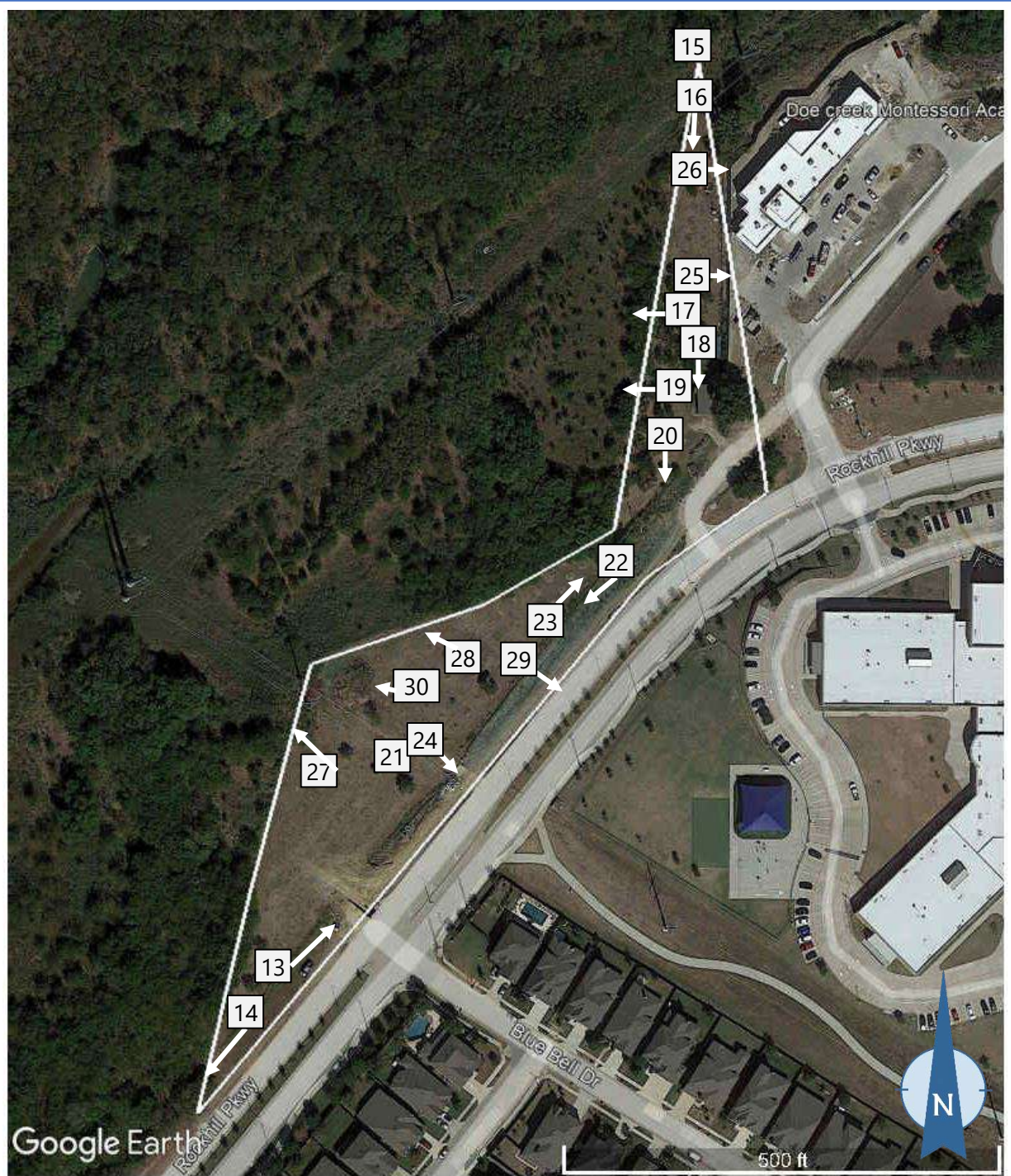
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

**APPENDIX D**  
**SITE RECONNAISSANCE PHOTOGRAPHS**



<b>PROJECT NAME</b>	350 DOE CREEK ROAD, LITTLE ELM, TEXAS		
<b>PROJECT NO.</b>	DF220047	<b>SCALE</b>	AS SHOWN
<b>SITE RECONNAISSANCE PHOTO LEGEND</b>			



<b>PROJECT NAME</b>	350 DOE CREEK ROAD, LITTLE ELM, TEXAS		
<b>PROJECT NO.</b>	DF220047	<b>SCALE</b>	AS SHOWN
<b>SITE RECONNAISSANCE PHOTO LEGEND</b>			





Photo #1  
Far West / West Corner Facing East



Photo #2  
Far West / South of Subject Property



Photo #3  
Far West / West Corner Facing Southeast



Photo #4  
Far West / Center Facing East



Photo #5  
Far West / Center Facing West



Photo #6  
Far West / Center Facing South



Photo #7  
Far West / Center Facing West



Photo #8  
Far West / North Facing North



Photo #9  
Far West / North Facing South



Photo #10  
Far West / East Facing East



Photo #11  
Far West / East Facing West



Photo #12  
Far West / East Facing North



Photo #13  
Mideast / West Facing East



Photo #14  
Mideast / West Facing West



Photo #15  
Far East / North Facing South



Photo #16  
Far East / North Facing Southwest



Photo #17  
Mideast / Facing West



Photo #18  
Far East / Metal Building North End



Photo #19  
Mideast / Mid South Facing West



Photo #20  
Far East / South Facing South Electrical  
Dropdown



Photo #21  
Mideast Overhead Powerlines



Photo # 22  
Mideast Facing West



Photo #23  
Mideast Facing East



Photo #24  
Mideast Facing South - Waterline



Photo #25  
Far East / Facing East



Photo #26  
Far East / Facing East



Photo #27  
Mid East / North Facing North



Photo #28  
Mid East / North Facing North



Photo #29  
Mideast / Center Facing South



Photo #30  
Mideast / North Mulch Pile

## **APPENDIX E**

### **RESUMES**

### EXPERTISE

- Environmental Site Assessments
- State Licensed Asbestos Inspection
- Environmental Soil and Stormwater Sampling
- Geotechnical Soil Sampling
- Site Safety Compliance
- Radiation Safety
- Quality Assurance for Landfill Liners
- Site Characterization and Remediation for High Explosive Chemicals
- Documentation Quality Control for Wind Energy Projects

### LICENSES & CERTIFICATIONS

- 40 – Hour Hazardous Materials Safety (29 CFR1910.120) HAZWOPER 1998-Current
- Radiation Safety Officer – TX Dept of State Health Services
- Level 1 Unbonded PT Inspector - Post-Tensioning Institute
- Asbestos Inspector License # 603663 TX Dept of State Health Services
- Safe Handling of Explosives – Pantex Department of Energy Facility
- Radiation Worker Training I – Pantex Department of Energy Facility
- Radiation Worker Training II – Pantex Department of Energy Facility

### EDUCATION

Environmental Studies, Amarillo College

### EXPERIENCE AND QUALIFICATIONS

Ms. Ives has over 23 years of experience in the environmental and geotechnical engineering and testing field. She has worked in the environmental field on soil and groundwater sampling and remediation projects, site assessments, stormwater sampling for construction sites, solid waste landfill liner projects, state certified asbestos inspections and construction projects. Ms. Ives has performed geotechnical soil sampling, logging and direct-push drilling. She is proficient in site characterization and soils characterization. Ms. Ives has prepared environmental reports for Texas and New Mexico. She has provided Construction Materials Testing services on variety of projects which include soils compaction and concrete inspection and field testing. Ms. Ives has been the Location Radiation Safety Officer for an international firm and the Radiation Safety Officer for two firms based in the state of Texas.

Her current duties include, but are not limited to, project management for ESA Phases I and II. Project management for Asbestos Containing Materials and Lead Based Paint Surveys. Site reconnaissance, staking and logistics. Field logging and sampling for Geotechnical and Environmental projects.

### PROJECT EXPERIENCE

- Globe Life Field – Arlington, TX
- DFW Airport – Taxiway Mike
- DFW Airport – Taxiway Foxtrot
- Landfill Cell Additions – 121 Landfill in Melissa, TX
- Soil and Water Sampling at US Department of Energy Pantex Facility - Amarillo, TX
- Direct Push Drilling and Soil Sampling at US Dept of Energy Pantex Facility - Amarillo, TX
- CMT Documentation Quality Control for 11 Windfarms across the United States

**EDUCATION**

B.S. Degree, Geology  
Auburn University, 1999

**LICENSES & CERTIFICATIONS**

Registered Professional Geologist –  
Alabama #1207

Registered Professional Geologist –  
Georgia #1945

Phase I Environmental Site  
Assessments

ICC Soil – Special Inspector

**TECHNICAL SOCIETIES**

Georgia Onsite Wastewater Association

National Groundwater Association

Alabama Geological Society

Auburn Chamber of Commerce

**EXPERTISE**

- Business Development
- Client Service/Marketing
- Project Management
- Project Evaluations and Solutions

**EXPERIENCE AND QUALIFICATIONS**

**Mr. Richardson** has more than 17 years of experience in the fields of environmental and geotechnical consulting. Jeff is the Branch Manager for the Columbus, Georgia and Auburn, Alabama offices. He has managed projects from the environmental due diligence phase through geotechnical evaluations to construction materials testing projects. Jeff's experience has included: Phase I/II Environmental Site Assessments (including Department of Community Affairs (DCA) ESAs); supervision of ground-penetrating radar (GPR) investigations; underground storage tank closures and corrective action investigations in Georgia and Alabama; geotechnical investigations; soil and groundwater sampling and remediation; consulting for solid waste landfills including well installation monitoring and surface and groundwater sampling; seismic shear wave velocity data collection; storm-water pollution prevention plans; caisson inspections and site suitability evaluations for on-site wastewater disposal systems.



# Important Information about This

# Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

## **Beware of Change; Keep Your Geoenvironmental Professional Advised**

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,

- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

## **Recognize the Impact of Time**

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

## **Prepare To Deal with Unanticipated Conditions**

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental

professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change, sometimes suddenly, due to any number of events, not the least of which include occurrences at adjacent sites.* Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

### **Do Not Permit Any Other Party To Rely on the Report**

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

### **Avoid Misinterpretation of the Report**

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

### **Give Contractors Access to the Report**

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

### **Do Not Separate Documentation from the Report**

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

### **Understand the Role of Standards**

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care. Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

### **Realize That Recommendations May Not Be Final**

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

### **Understand That Geotechnical Issues Have Not Been Addressed**

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

### **Read Responsibility Provisions Closely**

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for “exculpatory clauses,” that is, provisions whose purpose is to transfer one party’s rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not “boilerplate.”* They are important.

### **Rely on Your Geoenvironmental Professional for Additional Assistance**

Membership in the Geoprofessional Business Association exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your GBA-member geoenvironmental professional for more information.



8811 Colesville Road/Suite G106, Silver Spring, MD 20910  
Telephone: 301/565-2733 Facsimile: 301/589-2017  
e-mail: [info@geoprofessional.org](mailto:info@geoprofessional.org) [www.geoprofessional.org](http://www.geoprofessional.org)

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