

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**
DRAFT

**TWIN LAKES PROPERTY
SH-33
Cashion, OK 73016**



Prepared For:



**DOLESE BROS. CO.
8300 N. Oklahoma Ave
Oklahoma City, OK 73114**

Prepared By:



**PO Box 1292
Norman, OK 73070**

JANUARY 17, 2023

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1.0 General Information

Client Information:

Dolese Bros. Co.
8300 N. Oklahoma Avenue
Oklahoma City, OK 73114

Consultant Information

CC Environmental, LLC
PO Box 1292
Norman, OK 73070

Site Information:

Twin Lakes Property
SH-33
Cashion, OK 73016

Project No:

2511

Key Site Manager:

Ron Walters

Report Date:

January 17, 2023

Database Searches

EDR
DEQ VCP
NPMS
OCC
OWRB

January 5, 2023

January 5, 2023

January 5 2023

January 5, 2023

January 5, 2023

Interviews

Steven Haga Logan County EMD
Ron Walters (representative for property owner)

January 5, 2023

January 17, 2023

2.0 Executive Summary

2.1 Subject Property Description

CC Environmental (CCE) performed a Phase I Environmental Site Assessment (ESA) in general accordance with ASTM 1527-21 and 40 CFR 312 (“All Appropriate Inquiry”) for a property (Property) situated within the NW¼ of Section 18, Township 16N, Range 4W I.M., Logan County (Lat: 35.865275 / Long: -97.667150). More specifically, it is located north of SH-33 near Cashion, Oklahoma and consists of approximately 26.3 acres.

The Property is located within an agricultural and residential area. The Cimarron River adjoins to the north with Twin Lakes residential subdivision beyond. The Cimarron River adjoins to the west with vacant land to the east and south.

The Phase I ESA is designed to provide the client with an assessment concerning recognized environmental conditions (limited to those issues identified in the report) as they exist at the Property. A recognized environmental condition (REC) is defined as follows (ASTM 1527-21):

“(1) The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.”

2.2 Data Gaps

During the course of conducting this assessment, the following data gap was identified:

- No title information was provided for the Property.

2.3 Findings

2.3.1 Records Review

Several state and federal environmental databases were searched to determine the possible existence of RECs. Environmental Data Resources, Inc. (EDR) performed the various database searches for the property. Refer to Table 2-1 for a summary of the EDR findings. Also, other record searches were conducted and summarized below.

- According to the EDR Geocheck search (2023a), there were no sites within the area of study. (See Section 6 for more details.)
- According to the Oklahoma Corporation Commission (OCC) well database search, there is one (1) oil well within the same quarter section as the Property, and five (5) others in the general area. The Property and the general area are located in the Sooner Trend Oil and Gas Field.
- According to the OWRB database search, there are six (6) domestic wells, one (1) industrial well, and one (1) irrigation well located in the vicinity of the Property.
- According to the DEQ Voluntary Cleanup Program website, no VCP sites are located on or near the Property. The nearest VCP site is located over four (4) miles away.

2.3.2 Site Reconnaissance

A representative of CCE (Dale Daniel) conducted the site reconnaissance on January 6, 2023. A set procedure for evaluating the parcels was put in place to foster a representative review and to minimize assessment bias. Several photographs were taken to document the conditions of the site, and a sketch map was made to correlate the findings.

- The Property consists of an undeveloped, recreational parcel that appears to be used primarily for hunting. The general area is located within the Pleistocene Sand Dunes ecoregion which is common to major river systems within the Central Great Plains. The Property consisted of a mix of wooded land along bands of stabilized sand dunes which transitioned to bluestem-sage brush prairie and shifting sand bar as the Property progresses northward to the active channel of the Cimarron River.
- There were no structures identified on the Property.
- The Cimarron River currently bounds the Property to the north and west.
- Residential properties were noted to the north of the Property, on the north bank of the Cimarron River.

2.3.3 Interviews

Interviews were conducted with parties having varying degrees of first-hand knowledge about the site. This included a representative of the owner, local governmental agencies, and other entities (when available).

- The interview with the Property owner representative (Mr. Ron Walters) did not reveal any environmental incidents.
- The Logan County Emergency Management Director, Mr. Steven Haga, was contacted via email on January 5, 2023 to inquire about any environmental incidents associated with the Property. Mr. Haga stated that there are no records of any environmental incidents at the Property.

2.3.4 Additional Services

No additional services were requested as part of this Phase I.

2.4 Opinions & Recommendations

2.4.1 Recognized Environmental Conditions (RECs)

As defined by ASTM 1527-21, there were no RECs identified during this environmental site assessment.

2.4.2 Controlled Recognized Environment Conditions (CRECs)

As defined by ASTM 1527-21, there were no CRECs identified on the Property during this environmental site assessment.

2.4.3 Historical Recognized Environmental Conditions (HRECs)

As defined by ASTM 1527-21, there were no HRECs identified on the Property during this environmental site assessment.

2.4.4 Environmental Issues, Concerns, and De Minimis Conditions

Some items identified during an environmental assessment may warrant further discussion or evaluation depending on the User's risk tolerance, but were not considered to be RECs.

- The Property is located in a historical oil and gas exploration area. Abandoned oil wells, old gathering lines, and other pipelines may be present on or near the Property. Subsurface contamination and/or other issues may be encountered, but there were no overt indications of such.
- The Property is located in the Special Flood Hazard Area.

2.4.5 Business Environmental Risks

Business environmental risks were not specifically defined in the scope of work for this assessment; consequently, no specific opinions were made as part of this report.

2.4.6 Additional Investigation

No additional investigation appears warranted based on the observations and information discussed in this report.

2.5 Conclusions¹

We have performed a *Phase I Environmental Site Assessment* in general conformance with the scope and limitations of ASTM Practice E1527-21 of the subject property (described in Section 4). Any exceptions to, or deletions from, this practice are described in Section 12 of this report. This assessment has revealed no overt *recognized environmental conditions*, *controlled recognized environmental conditions*, or *significant data gaps* in connection with the Property.

¹ *The user is encouraged to review the entire document, but particularly Section 9.0 and 10.0, for a more detailed discussion of the environmental conditions associated with the subject property and the adjoining properties.*

Table 2-1: A listing of the government records searched, the search distance around the target property, and the results (EDR, 2023a):

| Government Record Searched* | Search Distance (miles) | Result |
|-----------------------------|-------------------------|----------------------------|
| NPL | 1.0 | No listed/identified sites |
| Proposed NPL | 1.0 | No listed/identified sites |
| Delisted NPL | 1.0 | No listed/identified sites |
| NPL Liens | TP | No listed/identified sites |
| SEM | 0.5 | No listed/identified sites |
| SEMS ARCHIVE | 0.5 | No listed/identified sites |
| LIENS 2 | TP | No listed/identified sites |
| CORRACTS | 1.0 | No listed/identified sites |
| RCRA-TSDF | 0.5 | No listed/identified sites |
| RCRA-LQG | 0.25 | No listed/identified sites |
| RCRA-SQG | 0.25 | No listed/identified sites |
| RCRA-VSQG | 0.25 | No listed/identified sites |
| RCRA-NonGen | 0.25 | No listed/identified sites |
| US ENG CONTROLS | 0.5 | No listed/identified sites |
| US INST CONTROL | 0.5 | No listed/identified sites |
| ERNS | TP | No listed/identified sites |
| HMIRS | TP | No listed/identified sites |
| DOT OPS | TP | No listed/identified sites |
| US CDL | TP | No listed/identified sites |
| US BROWNFIELDS | 0.5 | No listed/identified sites |
| DOD | 1.0 | No listed/identified sites |
| FUDS | 1.0 | No listed/identified sites |
| LUCIS | 0.5 | No listed/identified sites |
| CONSENT | 1.0 | No listed/identified sites |
| ROD | 1.0 | No listed/identified sites |
| UMTRA | 0.5 | No listed/identified sites |
| ODI | 0.5 | No listed/identified sites |
| TRIS | TP | No listed/identified sites |
| TSCA | TP | No listed/identified sites |
| FTTS | TP | No listed/identified sites |
| HIST FTTS | TP | No listed/identified sites |
| SSTS | TP | No listed/identified sites |
| ICIS | TP | No listed/identified sites |
| PADS | TP | No listed/identified sites |
| MLTS | TP | No listed/identified sites |
| MINES | 0.25 | No listed/identified sites |
| US MINES | 0.25 | No listed/identified sites |
| RADINFO | TP | No listed/identified sites |
| FINDS | TP | No listed/identified sites |
| RAATS | TP | No listed/identified sites |
| State Hazardous Waste | 1.0 | No listed/identified sites |
| State Landfill | 0.5 | No listed/identified sites |
| LUST | 0.5 | No listed/identified sites |
| UST | 0.25 | No listed/identified sites |
| HIST UST | 0.25 | No listed/identified sites |
| LAST | 0.5 | No listed/identified sites |
| AST | 0.25 | No listed/identified sites |
| INST CONTROL | 0.5 | No listed/identified sites |
| VCP** | 0.5 | No listed/identified sites |
| Drycleaners | 0.25 | No listed/identified sites |
| Brownfields | 0.5 | No listed/identified sites |
| SWRCY | 0.5 | No listed/identified sites |
| AIRS | TP | No listed/identified sites |
| OK Complaint | TP | No listed/identified sites |
| TIER 2 | TP | No listed/identified sites |
| ECHO | TP | No listed/identified sites |
| 2020 Cor Action | 0.25 | No listed/identified sites |
| INDIAN RESERV | 1.0 | No listed/identified sites |
| INDIAN LUST | 0.5 | No listed/identified sites |
| INDIAN UST | 0.25 | No listed/identified sites |
| Manufactured Gas Plants | 1.0 | No listed/identified sites |
| Historical Auto Stations | 0.25 | No listed/identified sites |
| Historical Cleaners | 0.25 | No listed/identified sites |
| RGA LUST | TP | No listed/identified sites |

* Refer to Table 3 for an explanation of the databases and abbreviations.

3.0 INTRODUCTION

3.1 Purpose

CC Environmental (CCE) performed a Phase I Environmental Site Assessment at the request of the *User and Client*, Dolese Bros. Co. (DBC). DBC was interested in evaluating the Property for *recognized environmental conditions* as part of a real estate transaction. The Property was evaluated for the presence or likely presence of any current or historic recognized environmental conditions.

“(1) The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.” The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

3.2 Detailed Scope of Services

A Phase I investigation was performed in general accordance with American Society for Testing and Materials (ASTM) Practice E 1527-21 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (ASTM, 2021) and 40 CFR 312 “All Appropriate Inquiry”. Procedures and methods outlined in ASTM Practice E 1527-21 were generally adhered to. This includes review of records, site reconnaissance, interviews, and reporting. However, the client was not interested in any business environmental risk assessment.

3.2.1 Records Review

An inquiry and examination of the property and surrounding areas was performed to identify recognized environmental conditions. The accuracy and completeness depended on the availability and quality of public information and the degree to which it is reasonably obtained and reviewed. Specific activities include:

- Delineation of the Physical Setting—The available United States Geological Survey (USGS) 7.5 Minute Topographic Map(s), the USGS Hydrologic Atlas, and the Natural Resource Conservation Service (NRCS) Soil Survey and other resources are used (when available and when applicable) to describe and graphically present the site.
- Review of the Historic Land Uses—Reasonably attainable aerial photographs, topographic maps, and insurance maps, were used to assess the historic land uses of the property. The review proceeded as far back as possible given the availability of reasonable attainable historic information.
- Review of Oil and Gas Well Information—Topographic maps, on-line information and interviews were used to assess the oil and gas activities on the property and adjoining properties.
- Review of Environmental Records—The databases presented in Table 1 were reviewed for the listed search distances around the property.

3.2.2 Site Reconnaissance

A representative of CCE conducted the site investigation. The purpose was to evaluate the property in order to identify recognized environmental conditions. This included:

- **Site Evaluation**—An approach was used to, visually and physically, observe the property and any structures located on the site. However, the client was not interested in any business liabilities. The report documents current conditions and physical characteristics of the following items. This includes but was not limited to roads, water supplies, sewage systems, drums, storage tanks, solid and hazardous wastes, oil and gas wells, and electrical transformers identified on the property. The periphery of the property and all structures were observed from all adjacent thoroughfares—when applicable.
- **Observation of Uses and Conditions**—The current and past uses of the property, adjoining properties, and the surrounding area were physically and visually assessed based on field observations. Geologic and topographic conditions of the subject area and the general vicinity were also observed and noted.

3.2.3 Interviews

Interviews with appropriate and knowledgeable parties were conducted to ascertain and identify recognized environmental conditions. This includes:

- **Interviews with Parties Knowledgeable with the Site**—Interviews with current and past occupants, key site managers, or other individuals knowledgeable with the present and past operational practices or present or past condition of the property were conducted. This aspect of the evaluation was subject to the ability to identify appropriate interviewees and their willingness to cooperate.
- **Interviews with Government Officials**—Governmental officials were contacted to determine if there were any recognized environmental conditions (spills, environmental response calls, or other concerns) associated with the property.

3.2.4 Reporting

- **Report Submission**—The report arrangement follows, in general, the recommended table of contents and report format presented in ASTM E 1527. An electronic final copy complete with signatures will be submitted to the client.

3.3 Significant Assumptions

- Environmental Data Resources, Inc. (EDR) performed the database searches. The assumption was made that the state and federal databases are accurate and up-to-date, and that EDR's record search was performed correctly and accurately.
- Information provided to CCE from the client, interviewees, subcontractors, and other sources are correct and accurate.

3.4 Limitations and Expectations

By accepting this report, the *Client & User* agrees to the following limitations and exceptions. Information reported in this document is limited by *reasonably ascertainable* information. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable. The accuracy and completeness will depend on the availability and quality of ascertainable information and the degree to which it is reasonable obtained and reviewed. Given the fundamental objectives of a Phase I Site Assessment, the findings are limited by: temporal factors governing the project completion date; the availability of historical and public information; federal and state regulatory database searches performed by Environmental Data Resources, Inc. (EDR); site investigation and interpretation of physical observations; and the identification and quality of interviewees among other factors. The information was obtained from limited, but reputable, sources; however, CCE does not guarantee the accuracy of the information. This Phase I site assessment is not intended to identify all environmental liabilities,

problems, or concerns. It does not eliminate the possibility for site contamination or the presence of a recognized environmental condition.

The report should be read completely; no section should be relied upon individually.

Since no building material or media samples were collected as part of this Phase I, site observations were unable to specifically evaluate conditions related to asbestos, lead-based paint, radon, or mold. These items are considered out of scope items within the ASTM Standard E-1527-21 standard for Phase I Environmental Site Assessments.

3.5 Deviations

There were no significant deviations from the Scope of Work other than the data gaps discussed in Section 12.0.

3.6 Special Terms and Conditions

By accepting this report, the *Client/User* agrees to the following:

- The *Client/User* is responsible for proper or legal disclosure or reporting to public, private or regulatory entities.
- The findings and conclusions reported in this document are based on best professional judgment, obtained, and reported following generally accepted procedures and practices. No other representations either expressed or implied can be made governing the information presented in this document. Consequently, CCE is not responsible for other interpretations, conclusions, opinions, and/or recommendations made by independent parties. Furthermore, CCE is not responsible for any regulatory, physical, chemical, or other environmental changes to the site.
- This Phase I site investigation generally follows procedures and guidelines presented in ASTM Practice E 1527 and does not include: a complete regulatory compliance audit, wetland delineation, archeological/culturally significant resource ground survey, asbestos survey, radon, noise, or lead sample testing, chain of title search, or any subsurface investigation.
- CCE's level of effort is commensurate with the skill and degree of care normally exercised by other environmental professionals working under the same conditions and operating in the same location. If CCE fails to provide this level of effort, CCE will rectify the situation to a limited degree within 60 days of the completion of the Phase I. The total responsibility and reparation for any defective in service shall not exceed the amount paid for the service. No other expressed or implied warranty is made for the professional services offered.

3.7 User Reliance

The assessment and report shall be for the sole use and benefit of the *Client/User*. No benefits or rights are transferable or created for parties other than the client. Reproduction of this report is prohibited without expressed written permission of the client for whom the document was prepared. CCE specifically disclaims any liability to third parties.

4.0 SITE DESCRIPTION

4.1 Location and Legal Description

The Property of interest consists of a parcel of land situated within the NW¹/₄ of Section 18, Township 16N, Range 4W I.M., Logan County (Lat: 35.865275 / Long: -97.667150) and is approximately 26.3 total acres. The Property is located off SH-33 in Cashion, Oklahoma.

4.2 Site and Vicinity Characteristics

Based on observations made during the site reconnaissance, the land use in the general vicinity is primarily agricultural and residential.

4.3 Current Use of the Property

The Property is currently an undeveloped recreational parcel used for hunting.

4.4 Description of Structures, Roads and Other Improvements

Access to the Property is from SH-33. No structures were noted on the Property.

4.5 Current Uses of Adjoining Property

In general, the subject Property was located in a rural agricultural and residential area..

| | |
|-----------------|--|
| North Boundary: | Cimarron River with residential beyond |
| South Boundary: | Vacant land |
| East Boundary: | Vacant land |
| West Boundary: | Cimarron River with vacant land beyond |

5.0 USER PROVIDED INFORMATION

The “*User*”, DBC (as reported by Mr. Dan Heidrick), provided the following information regarding the Property.

5.1 Title Records

The *User* reported a title search has been performed on the Property. CCE was not engaged to perform this aspect.

5.2 Environmental Liens or Activity & Use Limitations

The *User* reported that title work is pending but there are no known liens or use limitations on the Property.

5.3 Specialized Knowledge/Experience of the User

The *User* indicated that they do have specialized knowledge or experience related to the Property.

5.4 Valuation of the Property

The *User* reported that the purchase price reflected the fair market value of the Property.

5.5 Commonly Known or Reasonably Ascertainable Information about the Property

The *User* reported that he did not have any knowledge regarding past uses, chemicals used on site, spills or releases, or environmental cleanups associated with the Property.

5.6 Presence of Likely Presence of Contamination

The *User* reported no knowledge of contamination at the Property.

5.7 Owner, Property Manager, Occupant Information

- The property is owned by: Twin Lakes Sports Club Association, Inc.
- The property is managed by: Ron Walters
- The property was occupied by: N/A – not physically occupied

5.8 Identification of all Parties who will rely on this Phase I Report

CCE was hired to perform a Phase I Site Assessment at the request of DBC. DBC evaluated the Property as part of a due diligence requirement.

5.9 Reason for Performing the Phase I

CCE was hired to perform a Phase I Site Assessment at the request of DBC. DBC evaluated the Property as part of a due diligence requirement.

6.0 RECORDS REVIEW

6.1 Standard Environmental Records Reviews

6.1.1 Environmental Data Resources Database Review

As specified in ASTM E 1527, a review of state and federal environmental databases must be performed in order to assess the presence of recognized environmental conditions associated with the subject property and adjoining properties. The ASTM method states that a minimum number of federal (e.g., NPL, CERCLIS, RCRA, ERNS) and state (e.g., state NPL, state CERCLIS, USTs, waste facilities) databases must be searched. For this Phase I Site Assessment, a more thorough investigation was performed in which supplemental data sources were evaluated for both the state and federal levels. Environmental Data Resources, Inc. (EDR) (Shelton, Connecticut) performed the database searches (EDR, 2023a). Results from the EDR database searches are summarized below.

Table: 6-1: Environmental Database Summary

| Database List | Subject Property Listings | Total # of listings | Environmental Concern posed to the Subject Property |
|---|---------------------------|---------------------|---|
| <i>NPL</i> : National Priority List (< 1 mile) "Superfund" list; search identifies sites listed for priority under the Superfund Program | No | 0 | None |
| <i>Proposed NPL</i> : Proposed National Priority List (<1 mile) Search identifies sites that have been proposed for the NPL | No | 0 | None |
| <i>Delisted NPL</i> : NPL Deletions (<1 mile) Search identifies sites that have been removed from the NPL because no further response is appropriate | No | 0 | None |
| <i>NPL Liens</i> (Target Property only) Search identifies sites that have filed notices of Superfund Liens | No | 0 | None |
| <i>SEMS</i> : Superfund Enterprise Management System (<0.5 mile) Search identifies sites that are either proposed to or on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL (formerly CERCLIS). | No | 0 | None |
| <i>SEMS ARCHIVE</i> : No further remedial Action Planned (<0.5 mile) Search identifies sites that were removed from the CERCLIS list for various reasons (formerly CERCLIS-NFRAP) | No | 0 | None |
| <i>LIENS 2</i> (Target property only) Search identifies sites that had a federal CERCLA lien for investigation of releases and threatened releases | No | 0 | None |
| <i>CORRACTS</i> : Corrective Action report (<1 mile) Search identifies hazardous waste handlers with RCRA corrective action activity. | No | 0 | None |
| <i>RCRA-TSDF</i> : Resource Conservation and Recovery Act-treat, store, or dispose (0.5 mile) Search identifies selective information on sites which generate transport, store, treat, and/or dispose of hazardous waste as defined by RCRA | No | 0 | None |
| <i>RCRA-LQG</i> : RCRA Large Quantity Generator (<0.25 mile) Search identifies selective information on "large quantity generators" sites which generate transport, store, treat, and/or dispose of hazardous waste | No | 0 | None |
| <i>RCRA-SQG</i> : RCRA Small Quantity Generator (<0.25 mile) Search identifies selective information on "small quantity generators" sites which generate transport, store, treat, and/or dispose of hazardous waste | No | 0 | None |

| Database List | Subject Property Listings | Total # of listings | Environmental Concern posed to the Subject Property |
|---|---------------------------|---------------------|---|
| <i>RCRA-VSQG</i> : RCRA Very Small Quantity Generator (<0.25 mile) Search identifies selective information on "conditionally exempt small quantity generators" sites which generate transport, store, treat, and/or dispose of less than 100 kg of hazardous waste | No | 0 | None |
| <i>RCRA-NonGen</i> : RCRA Non Generators (<0.25 mile) Search identifies selective information on "small quantity generators" sites which do not presently generate transport, store, treat, and/or dispose of hazardous waste | No | 0 | None |
| <i>US ENG Controls</i> : Engineering Controls Sites List (<0.5 mile) Search identifies sites with engineering controls in place | No | 0 | None |
| <i>US INST Controls</i> : Institutional Controls Sites List (<0.5 mile) Search identifies sites with institutional controls in place | No | 0 | None |
| <i>HMIRS</i> (Target Property only) Search identifies sites listed in the Hazardous Material Information Reporting System | No | 0 | None |
| <i>DOT OPS</i> (Target Property only) Search identifies Dept. of Transportation and Office of Pipeline Safety incident and accident data | No | 0 | None |
| <i>CDL</i> (Target Property only) Search identifies records clandestine drug lab locations reported the Dept of Justice. Law enforcement agencies reported chemicals or other items that indicated drug laboratories or dumpsites. | No | 0 | None |
| <i>US BROWNFIELDS</i> (<0.5 mile) Search identifies brownfields sites | No | 0 | None |
| <i>DOD</i> : Department of Defense (<1 mile) Search identifies sites administered by the Dept. of Defense | No | 0 | None |
| <i>FUDS</i> : Formerly Used Defense Sites (<1 mile) Search identifies formerly used defense sites | No | 0 | None |
| <i>LUCIS</i> : Land Use Control Information System (<0.5 mile) Search identifies records of land use control information pertaining to the former Navy Base Realignment and Closure properties. | No | 0 | None |
| <i>CONSENT</i> : Superfund Consent Decrees (<1 mile) Search identifies major legal settlements that establish responsibility and standards for cleanup at NPL site. | No | 0 | None |
| <i>ROD</i> : Record of Decision (<1 mile) Search identifies documents that mandate a permanent remedy at an NPL site. | No | 0 | None |
| <i>UMTRA</i> : Uranium Mill Tailings Sites (<0.5 mile) Search identifies Uranium Mill Tailings Sites | No | 0 | None |
| <i>ODI</i> : Open Dump Inventory (<0.5 mile) Search identifies sites listed in the open dump inventory | No | 0 | None |
| <i>TRIS</i> : Toxic Release Inventory System (Target Property only) Search identifies sites in the Toxic Release Inventory System | No | 0 | None |
| <i>TSCA</i> : Toxic Substances Control Act (Target Property only) Search identifies sites that manufacture substances listed in the Toxic Substances Control Act | No | 0 | None |
| <i>FTTS</i> : FIFRA/TSCA Tracking System (Target Property only) Search identifies sites with administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) | No | 0 | None |

| Database List | Subject Property Listings | Total # of listings | Environmental Concern posed to the Subject Property |
|--|---------------------------|---------------------|---|
| <i>HIST FTTS</i> : Historical FIFRA/TSCA Tracking System (Target Property only) Search identifies historical sites with administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) | No | 0 | None |
| <i>SSTS</i> : Section Seven Tracking System (Target Property only) Search identifies sites listed within Section 7 of FIFRA | No | 0 | None |
| <i>ICIS</i> : Integrated Compliance Information System (Target Property only) Search identifies sites listed in the Integrated Compliance Information System | No | 0 | None |
| <i>PADS</i> : PCB Activity Database System (Target Property only) Search identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities | No | 0 | None |
| <i>MLTS</i> : Material License Tracking System (Target Property only) Search identifies sites which possess or use radioactive materials and which are subject to NRC licensing requirements. | No | 0 | None |
| <i>MINES</i> : Mines Master Index File (<0.25 mile) Search identifies sites with mine identification numbers issued for mines active or opened since 1971. | No | 0 | None |
| <i>US MINES</i> : Mines Master Index File (<0.25 mile) Search identifies sites with mine identification numbers issued for mines active or opened since 1971. The data also includes violation information. | No | 0 | None |
| <i>RADINFO</i> : Radiation Information Database (Target Property only) Search identifies sites that are regulated EPA for radiation and radioactivity. | No | 0 | None |
| <i>FINDS</i> : Facility Index System/Facility Registry System (Target Property only) FINDS contains both facility information and 'pointers' to other sources that contain more detail. | No | 0 | None |
| <i>RAATS</i> : RCRA Administrative Tracking System (Target Property only) Search identifies records based on enforcement actions issued under RCRA pertaining to major violations and includes administrative and civil actions brought by the EPA | No | 0 | None |
| <i>NY MANIFEST</i> : (<0.25 mile) Facility and Manifest Data | No | 0 | None |
| <i>SHWS</i> : State Hazardous Waste Sites (<1 mile) Search identifies sites on the Oklahoma's equivalent to CERCLIS | No | 0 | None |
| <i>SWF/LF</i> : State Landfills (<0.5 mile) Search identifies solid waste disposal facilities or landfills. | No | 0 | None |
| <i>LUST</i> : Leaking Underground Storage Tanks (<0.5 mile) Search identifies sites within the Leaking Petroleum Storage Tanks database | No | 0 | None |
| <i>UST</i> : Underground Storage Tanks (<0.25 mile) Search identifies UST sites regulated under Subtitle I of the RCRA | No | 0 | None |
| <i>HIST UST</i> : Historical Underground Storage Tanks (<0.25 mile) Search identifies UST sites on the state historical listing | No | 0 | None |
| <i>LAST</i> : Leaking Aboveground Storage Tanks (<0.5 mile) Search identifies leaking aboveground storage tanks | No | 0 | None |
| <i>AST</i> : Aboveground Storage Tanks (<0.25 mile) Search identifies registered aboveground storage tanks | No | 0 | None |

| Database List | Subject Property Listings | Total # of listings | Environmental Concern posed to the Subject Property |
|---|---------------------------|---------------------|---|
| <i>INST CONTROL</i> : Sites with Controls (<0.5 mile) Search identifies sites with institutional controls | No | 0 | None |
| <i>VCP</i> : Voluntary Cleanup Program (<0.5 mile) Program which was established to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites. | No | 0 | None |
| <i>Drycleaners</i> (<0.25 mile) Drycleaners registration database | No | 0 | None |
| <i>Brownfields</i> (<0.5 mile) Search identifies state brownfields sites | No | 0 | None |
| <i>OK SWRCY</i> (<0.5 mile) Search identifies recycling facility locations | No | 0 | None |
| <i>AIRS</i> (Target Property only) Search identifies permitted AIRS facility locations | No | 0 | None |
| <i>OK COMPLAINT</i> : Oklahoma Complaint System (Target Property only) Search identifies sites listed in the Oklahoma Complaint system database | No | 0 | None |
| <i>TIER 2</i> (Target Property only) Search identifies facilities which store or manufacture hazardous materials and submit a chemical inventory report. | No | 0 | None |
| <i>ECHO</i> : Enforcement & Compliance History Information (Target Property only) Search provides integrated compliance and enforcement information. | No | 0 | None |
| <i>INDIAN RESERV</i> : Indian Reservations (<1 mile) Search identifies Indian administered lands of the United States that have an area equal or greater than 640 acres | No | 0 | None |
| <i>INDIAN LUST</i> : LUSTs on Indian Land (<0.5 mile) Search identifies LUSTs on Indian Land | No | 0 | None |
| <i>INDIAN UST</i> : USTs on Indian Land (<0.25 mile) Search identifies USTs on Indian Land | No | 0 | None |
| <i>2020 COR ACTION</i> : (<0.25 mile) 2020 Corrective Action Program List | No | 0 | None |
| Manufactured Gas Plants (<1 mile) Search identifies sites with Manufactured Gas Plants | No | 0 | None |
| Historical Auto Stations (<0.25 mile) Search identifies historic gas station, repair, etc. | No | 0 | None |
| Historical Cleaners (<0.25 mile) Search identifies historic dry cleaners, laundries, etc. | No | 0 | None |
| RGA LUST (TP) Search identifies recovered government archive Leaking Underground Storage Tank. | TP | 0 | None |

6.1.2 Other Database/Records Review

Voluntary Cleanup Program

According to the ODEQ Voluntary Cleanup Program website, no VCP sites are located on or near the Property. The nearest VCP site is located over four miles away.

National Pipeline Mapping System

According to the National Pipeline Mapping System (NPMS) website, no pipelines are located near the Property.

6.2 Physical Setting Information

As required by ASTM E 1527, the physical setting was reviewed and evaluated. Important physical setting sources included information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of the subject property and surrounding area.

6.2.1 Topographic Information

Topographic information was determined from one recently obtainable USGS 7.5 Minute Quad map “Cashion, OK” (1:24,000 scale) (USGS, 2018), and from the site visit. The terrain is fairly flat with a slope to the west-northwest, and at an elevation of approximately 947 to 955 ft. (USGS, 2018).

6.2.2 Hydrologic Information

Surface Water

As predicted from the 2018 USGS Cashion Topo map and site visit, surface water would probably flow towards the Cimarron River.

Ground Water

According to the Hydrologic Atlas #4, Oklahoma City Quad (USGS 1975), (Scale 1:250,000), this area is underlain primarily by Alluvium. Reported potential yields are 150 to 300 gallons per minute. There was one (1) well in the immediate area. The reported well was 18 ft. deep, with water at 6 ft. deep (USGS 1975).

According to the water well records information provided on the Oklahoma Water Resources Board (OWRB) webpage, there are six (6) domestic wells, one (1) industrial well, and one (1) irrigation well within the general vicinity (Section 18, T16N, R4WIM) (OWRB, 2023).

Table: 6-2: A listing of groundwater well information

| WELL ID# | COUNTY | OWNER NAME | QUARTERS | SEC-TWP-RGE | DATE CONSTRUCTED | WELL TYPE | USE | TOTAL DEPTH (FT) |
|---------------|----------|-------------------------------|----------|-------------|------------------|------------------|------------|------------------|
| <u>28754</u> | Logan | Twin Lake Sport Club | SE-NE-NW | 18-16N-04WI | 03/17/92 | Groundwater Well | Industrial | 40 |
| <u>31208</u> | Logan | Bruce Ligon | NW-NW-NW | 18-16N-04WI | 03/03/94 | Groundwater Well | Domestic | 36 |
| <u>94718</u> | Logan | Paul Cummings | SW-NE-NW | 18-16N-04WI | 05/31/05 | Groundwater Well | Domestic | 43 |
| <u>101427</u> | Logan | Shawnee Indian Health Service | NW-NW-NW | 18-16N-04WI | 04/01/06 | Groundwater Well | Domestic | 50 |
| <u>100109</u> | Garfield | Lee Rule | SW-NE-NE | 18-16N-04WI | 10/27/05 | Groundwater Well | Irrigation | 45 |
| <u>138727</u> | Logan | Bill Balding | NW-NW-NW | 18-16N-04WI | 09/20/11 | Groundwater Well | Domestic | 60 |
| <u>150817</u> | Logan | David Heath | SW-NE-NE | 18-16N-04WI | 04/09/13 | Groundwater Well | Domestic | 45 |
| <u>153654</u> | Logan | Henry Rodrigues | SW-NW-NW | 18-16N-04WI | 06/26/13 | Groundwater Well | Domestic | 60 |

6.2.3 Geologic Information

Regional Geology

The Property falls within the Quaternary Series of the Quaternary System of the Cenozoic Era (EDR, 2023a). The code for this stratigraphic unit is Q. According to the Hydrologic Atlas #4, Oklahoma City Quad (USGS 1975), (Scale 1:250,000), this area is underlain by Alluvium.

Soils

The dominant soil type on the Property and in the general area is Gaddy fine sandy loam (EDR, 2023a). The Gaddy fine sandy loam soil type is characterized by a high infiltration rate. These soils are deep, well-drained to excessively drained sands and gravels. This soil is partially hydric. Refer to the following table for a list of the engineering properties for this soil.

Table: 6-3: Soil Layer Information

| GADDY FINE SANDY LOAM | | | | | | |
|-----------------------|----------------|----------------|-----------------------------------|--------------|--------------|----------------------|
| Layer | Upper (inches) | Lower (inches) | Soil Texture Class | AASHTO Group | Unified Soil | Soil Reaction (pH) |
| 1 | 0 | 5 | fine sandy loam | Not Reported | Not Reported | Max: 8.4 Min: 7.9 |
| 2 | 5 | 79 | stratified fine sand to clay loam | Not Reported | Not Reported | Max: 8.4 Min: 7.9 |

Oil and Gas Fields

The Property is located within the Sooner Trend Oil Field. According to the records information provided on the OCC webpage, there was one (1) oil and gas related well within the same quarter section as the Property, the NW¼ of Section 18, T16N, R4W (OCC, 2023).

The “Twin Lakes 1” well is located west of the Property. There have been no reported spills from this well, and the operating company, GLM Energy, Inc. is an open/active company in good standing with a posted surety bond.

There are five (5) wells listed for the adjacent quarter sections, but many more in the general area.

Table 6-4: OCC Listing of Oil and Gas Wells within SW¼ and SE¼ of Section 18.

| Proximity to Property | API # | Well Name | Operator Name | Quarters | Status | Effective Date |
|---------------------------|------------|--------------|------------------|-------------|--------|----------------|
| NW¼ Section 18, T16N, R4W | 3508322168 | Twin Lakes 1 | GLM Energy, Inc. | SE-NW-SW-NW | Active | 10/27/1982 |

Please note that the OCC record keeping system is inherently inaccurate/incomplete.

6.3 Historical Use Information—Subject Property

6.3.1 Aerial Photographs

Aerial photographs of the Property were reviewed. Maps were obtained from EDR (2023c) (2019, 2015, 2010, 2006, 1995, 1991, 1981, 1968, 1954), and reviewed on Google Earth (1985-2022) (Google 2022). Refer to Table 6-5 for the listing and source of the aerial photographs used in this assessment. Since the photographs have been copied and manipulated to fit within this document, they should not be scaled.

The following generic observations were made:

- 1954: The Property appeared to be vacant/agricultural land with the Cimarron River covering approximately half of the Property.
- 1968 – 1995: The Property appeared to be vacant/agricultural land except for the northeast portion that appeared to be residential. The Cimarron River has meandered over this time period.
- 2006 – 2022: The Property appeared to be vacant/agricultural land. The Cimarron River has meandered over this time period.

Table 6-5: Aerial Photographs for The Property and Surrounding Area.

| Date | Source | Type |
|-------------|--------------|--------------------------------|
| 1985 - 2022 | Google Earth | Black and White & Color Photos |
| 2019 | EDR | Color Photo |
| 2015 | EDR | Color Photo |
| 2010 | EDR | Color Photo |
| 2006 | EDR | Color Photo |
| 1995 | EDR | Black and White Photo |
| 1991 | EDR | Black and White Photo |
| 1981 | EDR | Color Photo |
| 1968 | EDR | Black and White Photo |
| 1954 | EDR | Black and White Photo |

6.3.2 Historic Topographic Maps

There were at least four (4) topographic maps readily available for the Property from USGS (2023). “Cashion, OK” USGS 7.5 Minute Quad (1:24,000 scale) (2018) (USGS), “Cashion, OK” USGS 7.5 Minute Quad (1:24,000 scale) (1970) (USGS), “Kingfisher, OK” USGS 30 Minute Quad (1:125,000 scale) (1895) (USGS), and “Kingfisher, OK” USGS 30 Minute Quad (1:125,000 scale) (1892) (USGS). Refer to Table 6-6 for the date, scale and name of the topo maps used in this assessment.

The following generic observations were made:

- 1892: The Property appears to be in an undeveloped area.
- 1895: The Property appears to be in an undeveloped area.
- 1970: The Property appears to be undeveloped near a developing area. (The river moved north.)
- 2018: The Property appears to be undeveloped near a developed area.

Table 6-6: Topographic Maps Obtained from Various Sources for the Property and Surrounding Area.

| Date | Scale | Name |
|------|-----------|------------------|
| 2018 | 1:24,000 | “Cashion, OK” |
| 1970 | 1:24,000 | “Cashion, OK” |
| 1895 | 1:125,000 | “Kingfisher, OK” |
| 1892 | 1:125,000 | “Kingfisher, OK” |

6.3.3 Fire Insurance Maps

According to EDR, Inc. (2023b), there were no Sanborn Maps available for the Property.

6.3.4 City Directories

City directories were not reviewed because the Property has no address available.

6.4 Historical Use Information—Adjoining Properties

Historic uses of the adjoining property were based on interviews, aerial photographs, topographic maps, and from the site assessment. Refer to the following sections for specific information governing these sources: Section 17 for topographic maps, site maps, aerial photographs and site photos; Section 7.0 for site reconnaissance information; and Section 8.0 for interview documentation.

6.4.1 Aerial Photographs

In general, review of the aerial photographs indicated that the Property was located in an agricultural area.

The following generic observations were made:

- 1954: The immediate area and general vicinity appeared to be agricultural. Agricultural land is located to the north, east, south and west.
- 1968 -2022: The north property is residential over this time period. Agricultural land is located to the east, south, and west.

6.4.2 Historic Topographic Maps

In general, review of the topographic maps indicated that the Property was located in an agricultural or undeveloped area with a few structures nearby. The following generic observations were made:

- 1892: The area was located in an undeveloped area.
- 1898: The area was located in an undeveloped area.
- 1970: The area was located in an undeveloped area with residential development to the north.
- 2018: The area was located in an undeveloped area with residential development to the north.

6.4.3 Fire Insurance Maps

According to EDR, Inc. (2023b), there were no Sanborn Maps available for the adjoining properties.

6.4.4 City Directories

City directories were not reviewed because the Property has no address available.

7.0 SITE RECONNAISSANCE

7.1 Methodology and Limiting Conditions

A set procedure for evaluating the land was put in place to promote a representative site review and to minimize assessment bias. However, a visual inspection is limited in its ability to identify and assess environmental liabilities and recognized environmental conditions. Notes and sketches were made during the site visit, and photographs were taken to document potential environmental liabilities. The adjoining properties were also visually observed at the time of the visit. No water, soil, or air samples were taken to specifically determine the presence of contaminants, hazardous wastes, compounds of concern, or other environmental liabilities.

A Representative of CCE (Dale Daniel) conducted the site reconnaissance on January 6, 2023. Field conditions at the time of the visit were cool (~40s °F), partly cloudy, with light winds. There were no impediments to the field investigation.

7.2 General Site Setting

The general area is located within the Pleistocene Sand Dunes ecoregion which is common to major river systems within the Central Great Plains. The Property consisted of a mix of wooded land along bands of stabilized sand dunes which transitioned to bluestem-sage brush prairie and shifting sand bar as the Property progresses northward to the active channel of the Cimarron River.

7.3 Exterior Observations

7.3.1 Site Visit Findings

The Property consists of an undeveloped, recreational parcel that appears to be used primarily for hunting. There were no structures on the Property and no fencing demarcating Property boundaries. Currently, there is access to the Property from SH-33 to the south. Surrounding properties consist of undeveloped parcels to the south and east. The Property is bound to the north and west by the Cimarron River; some residential properties associated with the community of Twin Lakes, OK were noted on the north side of the Cimarron River.

Hazardous Substances

No hazardous substances were observed during the site reconnaissance.

Petroleum Products

No petroleum products were observed during the site reconnaissance.

USTs

No evidence of underground fuel storage tanks was observed on the Property.

ASTs

No evidence of above ground fuel storage tanks was observed on the Property.

Other Suspect Containers

No suspect containers were observed during the site reconnaissance.

Equipment Likely to Contain PCBs

No equipment likely to contain PCBs was observed during the site reconnaissance.

Staining/Corrosion

No staining was observed during the site reconnaissance.

Discharge Features

No obvious indications were observed during the site reconnaissance.

Pits, Ponds, And Lagoons

No pits, ponds, or lagoons were noted on the Property during the site reconnaissance.

Solid Waste Dumping/Landfills

No visual signs of landfilling were observed during the site reconnaissance.

Stained Soil/Stressed Vegetation

No obvious indications of hazardous materials or petroleum product releases, such as excessively stained areas or stressed vegetation were observed during the site reconnaissance—not otherwise mentioned.

Wells

No groundwater wells were observed during the site reconnaissance.

Septic System

No septic systems were observed during the site reconnaissance.

7.3.2 Adjoining Property and General Vicinity

The Property was located within an agricultural and residential area. The property immediately adjoining the subject property included the following:

- North Boundary: Aerial photograph from 1954 appears to show the north adjoining property as vacant/agricultural land. Aerial photographs from 1968 to 2022 appear to show the north adjoining property as residential properties. The Cimarron River has meandered over this time period.
- South Boundary: Aerial photographs from 1954 to 2022 appear to show the south adjoining property as vacant/agricultural land. The Cimarron River has meandered over this time period.
- East Boundary: Aerial photographs from 1954 to 2022 appear to show the east adjoining property as vacant/agricultural land. The Cimarron River has meandered over this time period.
- West Boundary: Aerial photographs from 1954 to 2022 appear to show the west adjoining property as vacant/agricultural land. The Cimarron River has meandered over this time period.

7.4 Interior Observations

No structures were located on the Property.

8.0 INTERVIEWS

Interviews were conducted with individuals knowledgeable about the site and/or individuals having information governing the existence of environmental liabilities. Interview questions were tailored to the specific interviewee, given their relationship or knowledge based associated with site.

8.1 Interview with Owner

The Property owner, Mr. Ron Walters was contacted by telephone on January 17, 2023. The following are the results of the interview:

- Twin Lakes has owned the Property since 1963.
- The Property had been vacant land in the past.
- No above ground or underground fuel tanks have been used at the Property.
- No hazardous materials have been burned or buried on the Property.

8.2 Interviews with Local Government Officials

- On January 15, 2023, Mr. Sparks emailed the Logan County Emergency Management Director, Mr. Steven Haga in regards to any environmental concerns with the Property. Mr. Haga stated that there are no records of any environmental incidents at the Property.

8.3 Interviews with Others

- No others were interviewed.

9.0 FINDINGS

After assessing the environmental databases, performing a site assessment, conducting interviews with pertinent individuals, and reviewing topographic maps and aerial photographs, the following general observations were made:

9.1 Records Review

- According to the EDR Geocheck search (2023a), there were no sites within the area of study.
- According to the OCC well database search, there is one (1) oil well within the same quarter sections as the Property, and five (5) wells in the general area.
- According to the OWRB database search, there are six (6) domestic wells, one (1) industrial well, and one (1) irrigation well located in the vicinity of the Property.

9.2 Site Reconnaissance

- The Property is currently an undeveloped recreational property used for hunting.
- There were no structures identified on the Property.
- The Cimarron River currently bounds the Property to the north and west.
- Residential properties were noted to the north of the Property, on the north bank of the Cimarron River.

9.3 Interviews

The Property owner, Mr. Ron Walters was contacted by telephone on January 17, 2023. The following are the results of the interview:

- Twin Lakes has owned the Property since 1963.
- The Property had been vacant land in the past.
- No above ground or underground fuel tanks have been used at the Property.
- No hazardous materials have been burned or buried on the Property.

10.0 OPINIONS

Review the following points for a discussion of the items identified during this Phase I evaluation.

10.1 Records Review

- EDR database review.
According to the EDR Geocheck search (2023a), there were no sites within the area of study.
- OCC Oilfield Well Database and Oil & Gas Fields:
 - According to the records information provided on the OCC webpage, there was one (1) oil and gas related well within the same quarter section as the Property, the NW¼ Section 18, T16N, R4W (OCC, 2023). Five (5) other wells were located in the adjacent quarter sections. Consequently, this listing was not considered to be a REC.
- OWRB Database:
 - According to the OWRB database search, there were no monitoring wells located in Section 18.
- DEQ Voluntary Cleanup Program Database:
 - According to the DEQ database, no VCP sites were located on or near the Property. The nearest VCP site was located over four miles from the Property.

10.2 Site Reconnaissance

- No RECs were identified during the site reconnaissance.

10.3 Interviews

- No RECs were identified on the Property during the interview process.

11.0 CONCLUSIONS²

We have performed a *Phase I Environmental Site Assessment* in general conformance with the scope and limitations of ASTM Practice E1527-21 of the subject property (described in Section 4). Any exceptions to, or deletions from, this practice are described in Section 12 of this report. This assessment has revealed no overt *recognized environmental conditions*, *controlled recognized environmental conditions*, or *significant data gaps* in connection with the Property.

² The user should read the entire document and review Sections 9.0 and 10.0 for more information about the subject property's environmental condition.

12.0 LIMITING CONDITIONS/DEVIATIONS

12.1 ASTM Practice Deviation

A Phase I investigation was performed in general accordance with American Society for Testing and Material (ASTM) Practice E 1527-21 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (ASTM, 2021). Procedures and methods outlined in ASTM Practice E 1527-21 were generally adhered to. Any assumptions, limitations, special terms or conditions are presented in Sections 3.3-3.6. The deviations to the standard ASTM procedure are listed as follows:

- No title work was provided for the Property. This is considered to be a data gap, but DBC has professionals and legal staff reviewing the deeds and title information.

12.2 User/Client-Imposed Constraints

- No imposed constraints were associated with this assessment other than the lack of title information.

13.0 ADDITIONAL SERVICES

No additional services were requested by the client.

14.0 REFERENCES

ASTM (2021) “Designation: E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, American Society for Testing and Materials, West Conshohocken, PA.

EDR (2023a) “EDR Radius Map with GeoCheck”, Inquiry Number 7317970.2s, Environmental Data Resources, Inc., Shelton, CT.

EDR (2023b) “Sanborn Map Report”, Inquiry Number 7217970.3, Environmental Data Resources, Inc., Shelton, CT.

EDR (2023c) “Aerial Photo Decade Package”, Inquiry Number 7217970.5, Environmental Data Resources, Inc., Shelton, CT.

Google Earth (2023) Google Earth website reviewed January 2023.

OCC (2023) “Oil and Gas Web Application” searchable database available at the Oklahoma Corporation Commission (OCC) website, <http://www.occ.state.ok.us/>.

OGS (2015) “Map of Oklahoma Oil and Gas Fields”, Map GM-39, Oklahoma Geological Survey, Norman, OK.

OWRB (2023) “Water Well Record Search” searchable database available at the Oklahoma Water Resources Board (OWRB) website, <http://www.owrb.state.ok.us/>.

USGS (1975) “Hydraulic Atlas #4, Reconnaissance of the Water Resources of the Oklahoma City Quadrangle Oklahoma”, 1:250,000, Washington, D.C.

USGS (2018) “Cashion, OK”, 7.5 Minute Quadrangle, 1:24,000, U.S. Geological Survey, Washington, D.C.

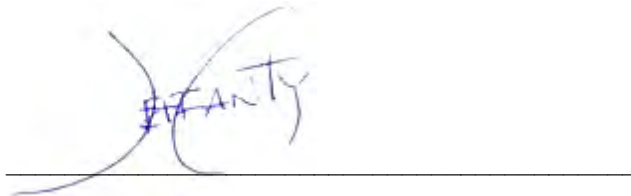
USGS (1970) “Cashion, OK”, 7.5 Minute Quadrangle, 1:24,000, U.S. Geological Survey, Washington, D.C.

USGS (1895) “Kingfisher, OK”, 30 Minute Quadrangle, 1:125,000, U.S. Geological Survey, Washington, D.C.

USGS (1892) “Kingfisher, OK”, 30 Minute Quadrangle, 1:125,000, U.S. Geological Survey, Washington, D.C.

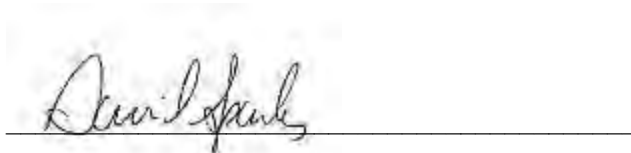
15.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

We, the undersigned, have completed and reviewed the attached report, and represent the information contained herein is true and accurate, to the best of our knowledge.



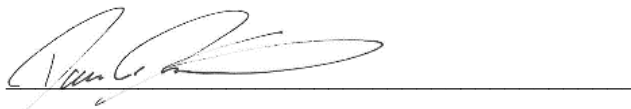
Date: January 17, 2023

GEOFFREY A. CANTY, Ph.D.
Director of Environmental Services



Date: January 17, 2023

DAVID SPARKS, B.S.
Environmental Specialist



Date: January 17, 2023

Dale W. Daniel, Ph.D.
Environmental Project Manager

16.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

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

16.1 David Sparks

Mr. Sparks has over twenty-five (25) years of experience in Environmental Phase I, Phase II, and Phase III investigations. Mr. Sparks also has geotechnical and construction materials experience. Mr. Sparks is a licensed professional geologist, 40 hours HAZWOPER certified, and an Oklahoma licensed asbestos inspector.

16.2 Geoffrey A. Canty, Ph. D.

Mr. Canty has twenty (20) years of experience performing environmental assessment and Phase I and Phase II investigations. Mr. Canty has over twenty (25) years of experience in air, water and soil environmental monitoring, is 40 hours HAZWOPER certified, and is an Oklahoma licensed asbestos inspector.

16.3 Dale W. Daniel, Ph. D.

Mr. Daniel has seven (7) years of experience performing environmental assessments/investigations for residential, commercial, and industrial redevelopments throughout Oklahoma, Texas, and Kansas. Mr. Daniel is experienced in conducting soil/sub-slab/indoor vapor contaminant studies and is 40 hours HAZWOPER certified.

17.0 APPENDICES

17.1 Site/Vicinity Maps



Figure 1: Vicinity Map (approximate location of blue star)



Figure 2: Site Map

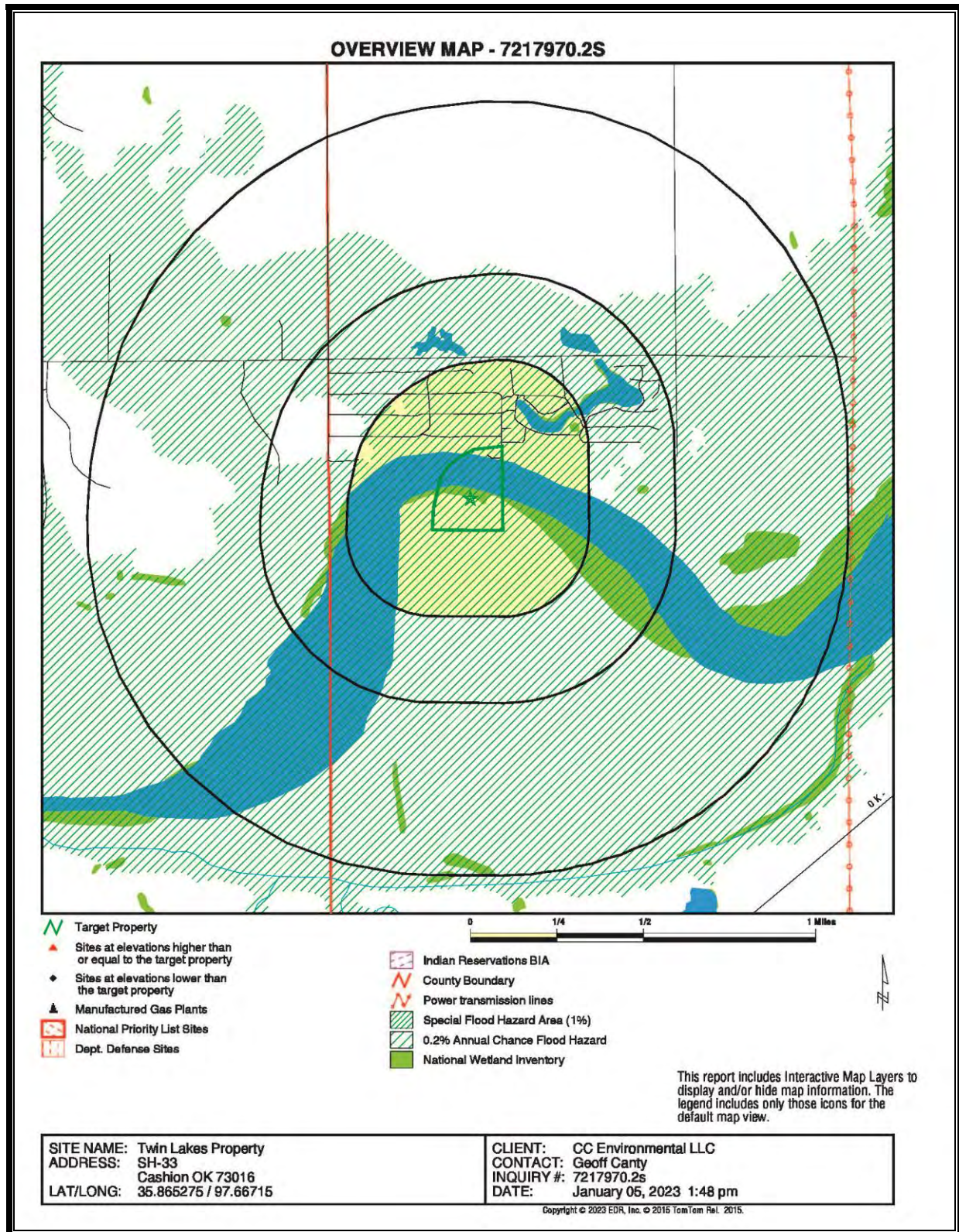


Figure 3: Location map depicting the extended environmental database search radii (EDR, 2023a).

17.2 Historical Research Documentation—Aerial Photos & Topo Maps

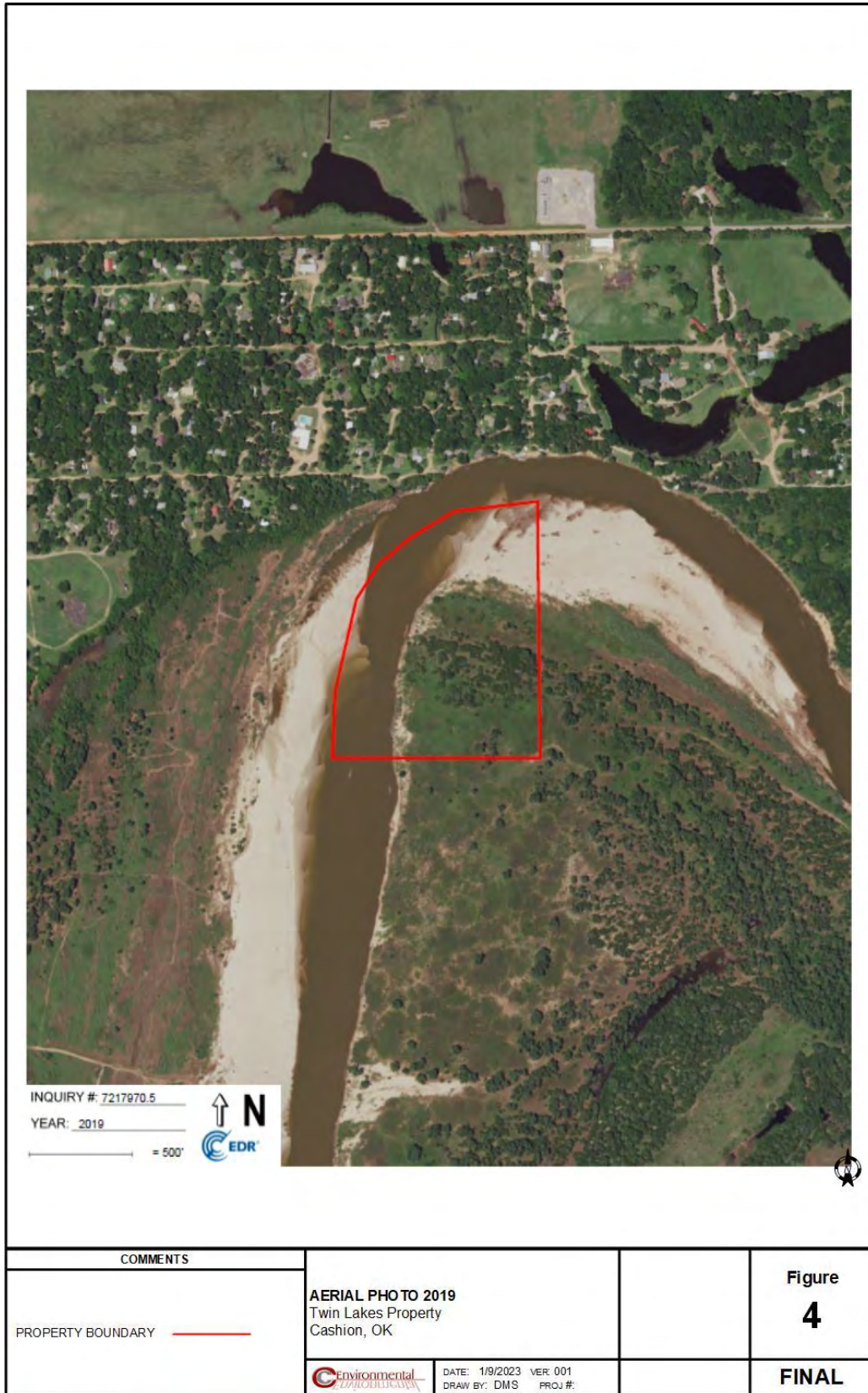


Figure 4: 2019 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).

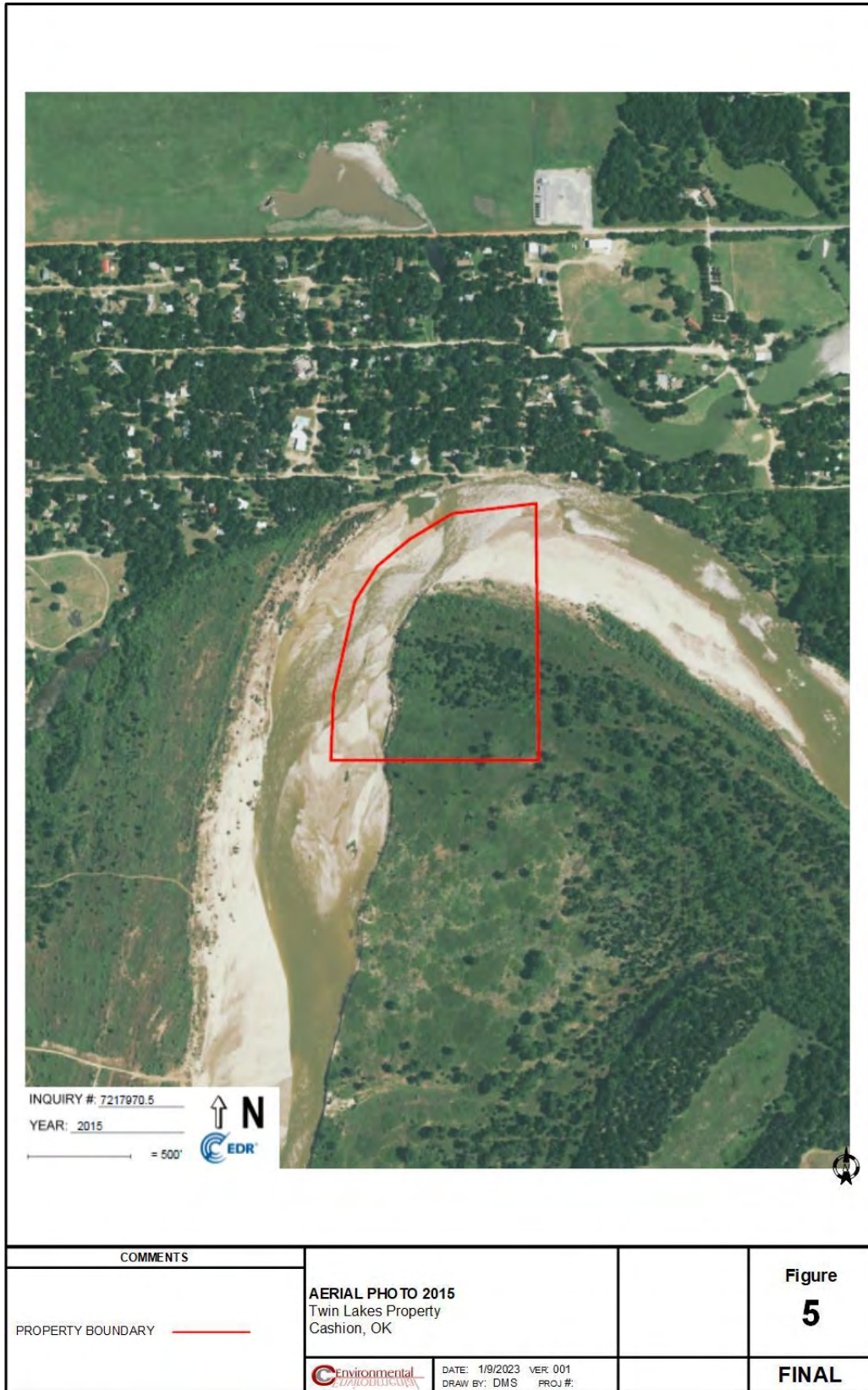


Figure 5: 2015 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).

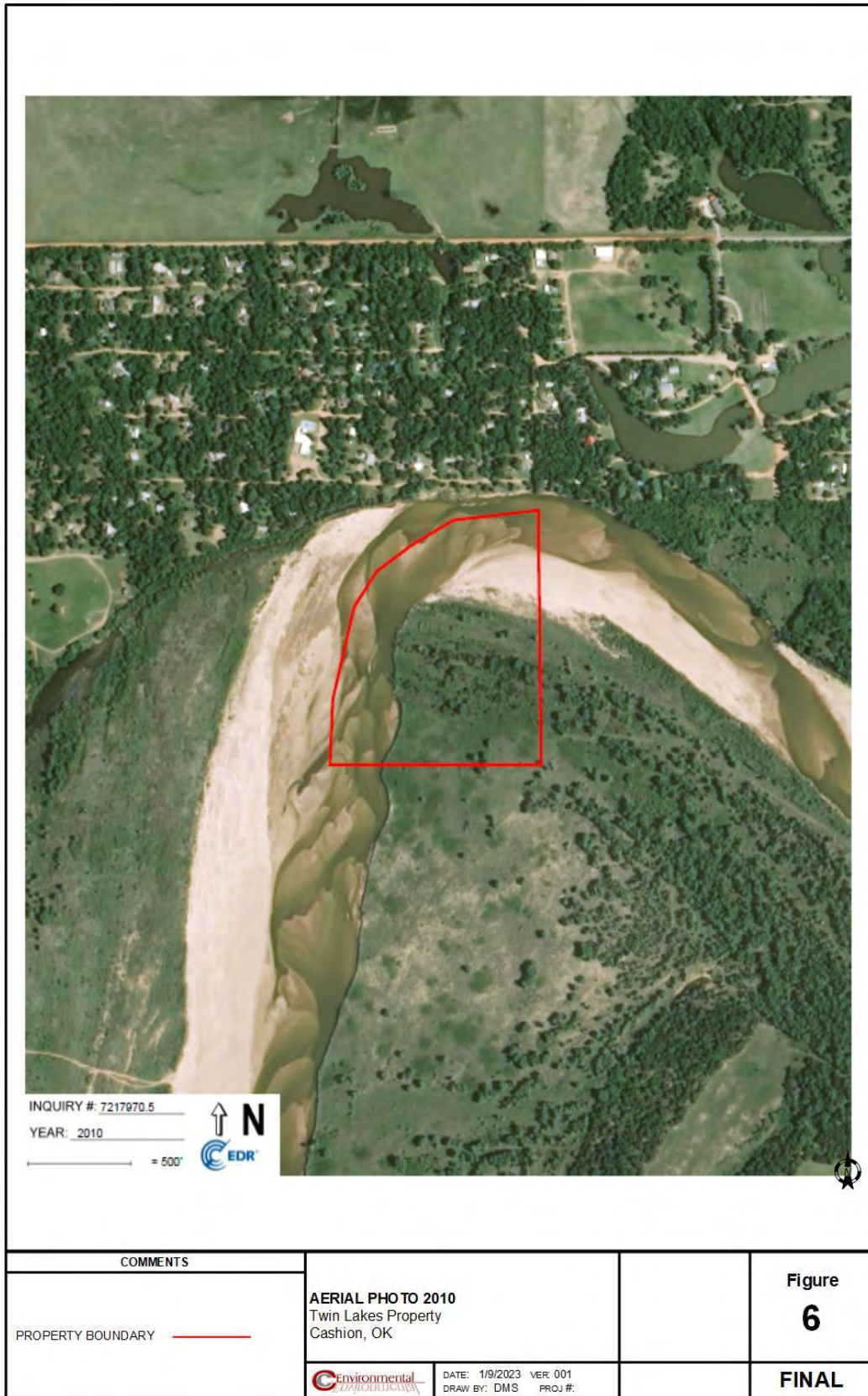


Figure 6: 2010 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).



Figure 7: 2006 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).



Figure 8: 1995 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).

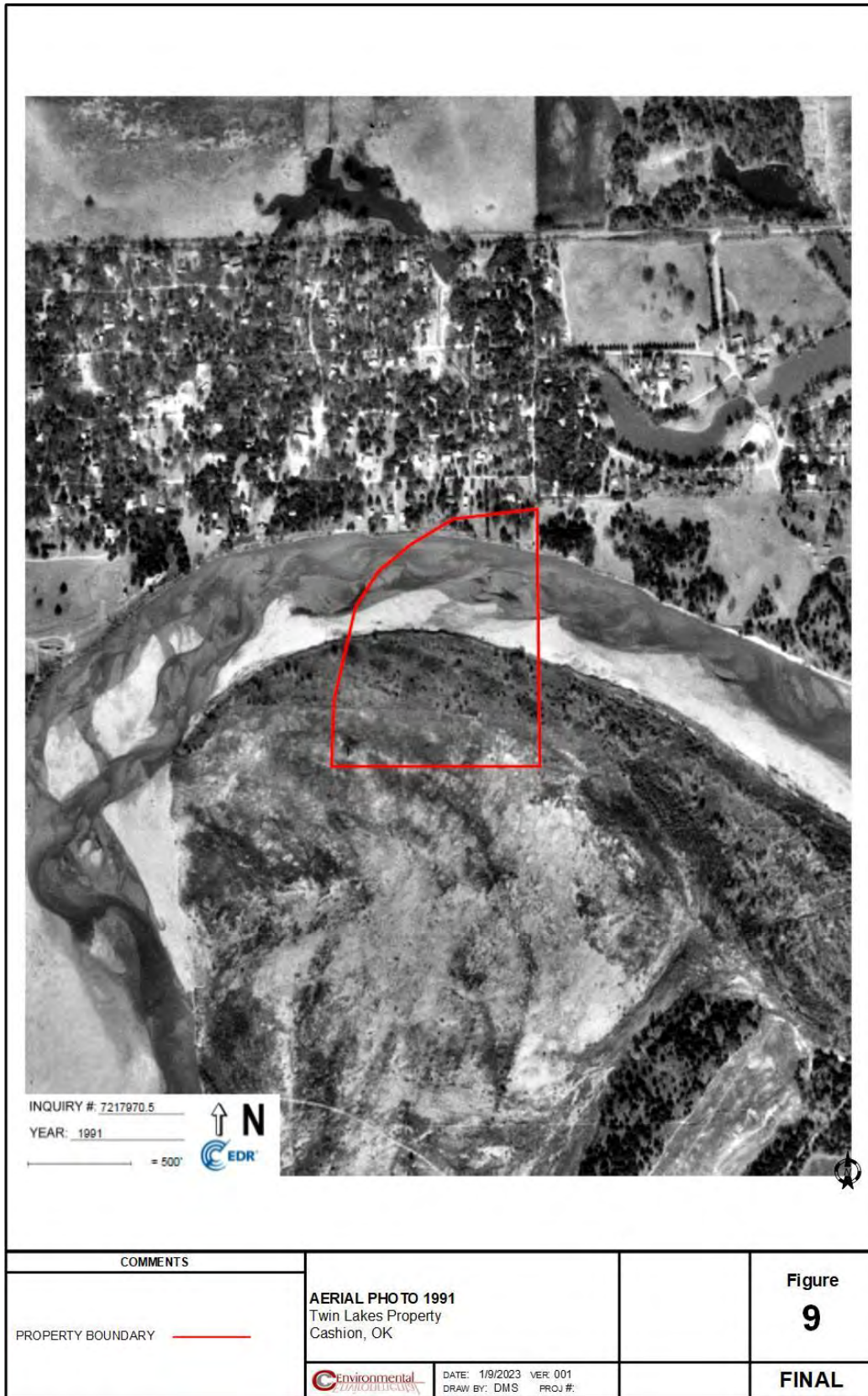


Figure 9: 1991 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).

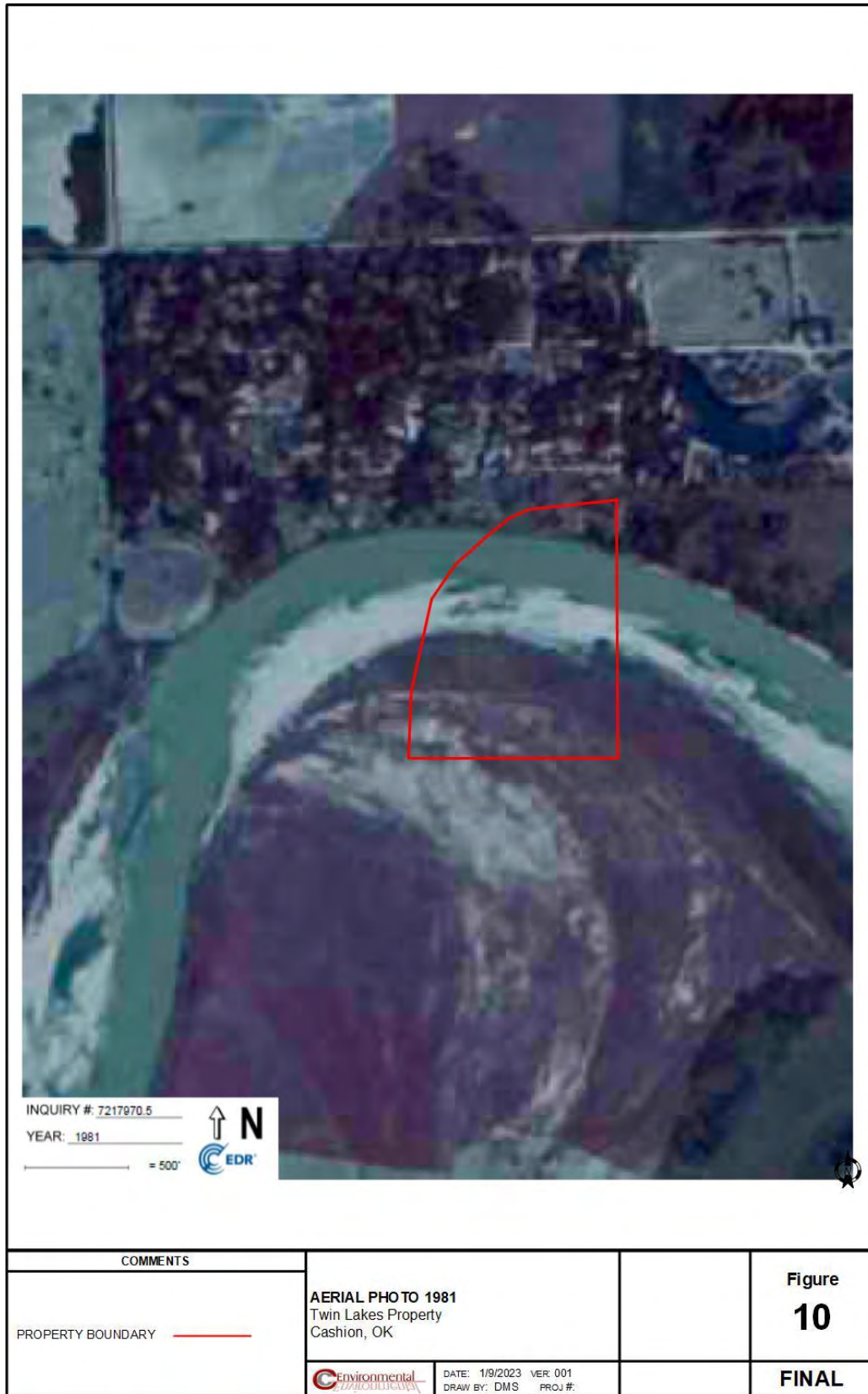


Figure 10: 1981 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).

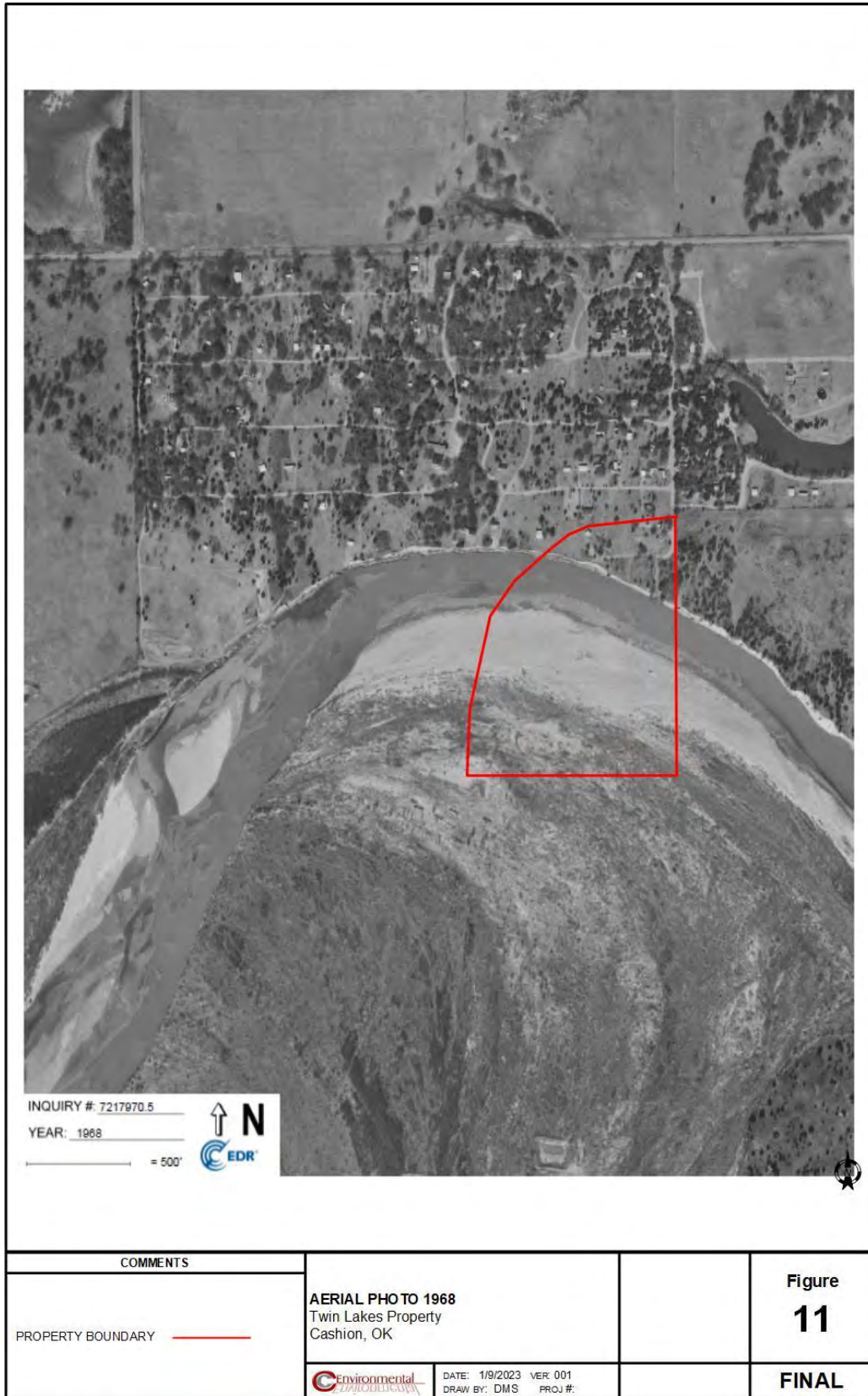


Figure 11: 1968 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).



Figure 12: 1954 aerial photograph of subject property (approximate location of red polygon) and the surrounding area (EDR, 2023c).

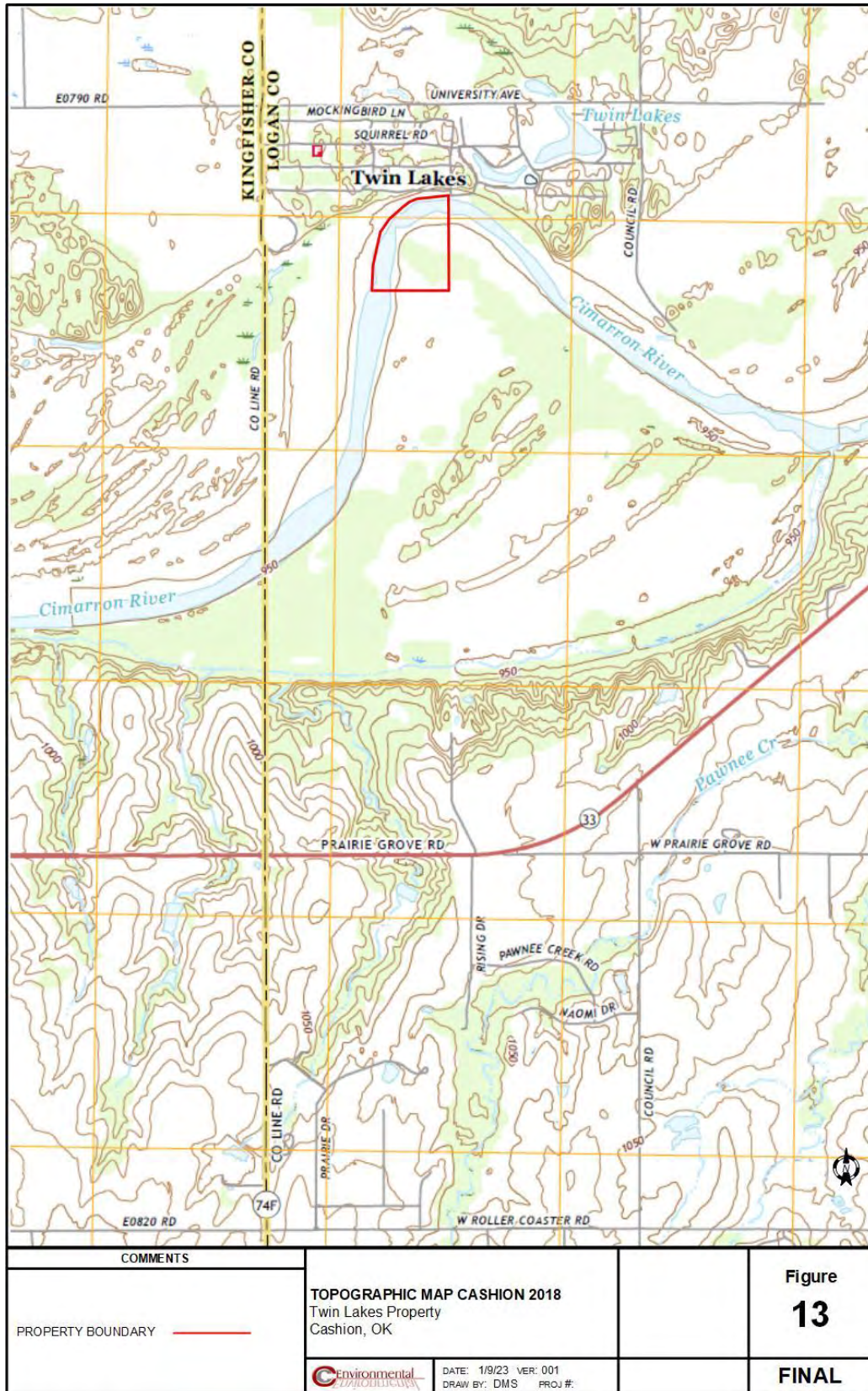


Figure 13: 2018 topographic map of subject property (approximate location of red polygon) and the surrounding area (USGS, 2023).

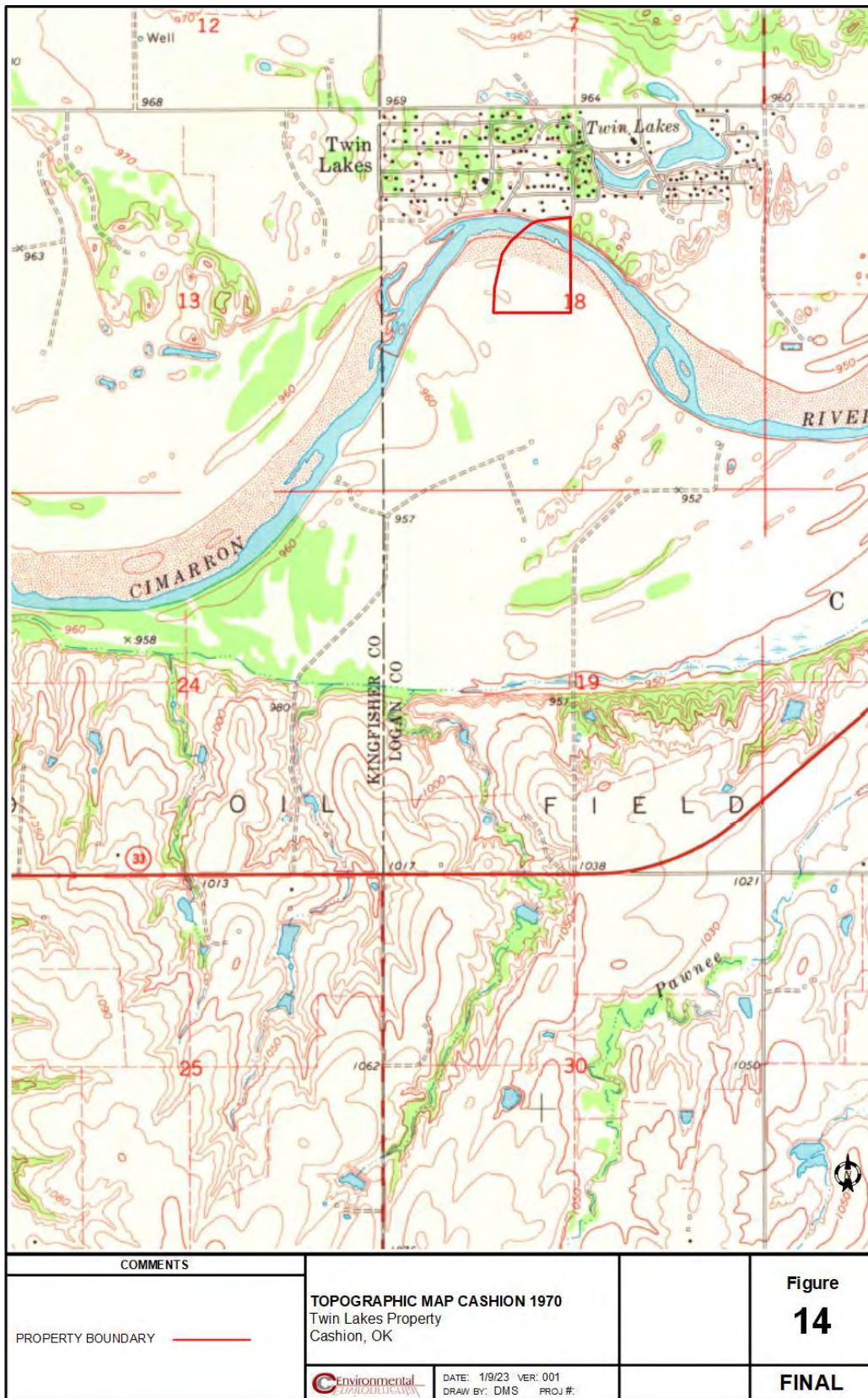


Figure 14: 1970 topographic map of subject property (approximate location of red polygon) and the surrounding area (USGS, 2023).



Figure 15: 1895 topographic map of subject property (approximate location of red polygon) and the surrounding area (USGS, 2023).



Figure 16: 1892 topographic map of subject property (approximate location of red polygon) and the surrounding area (USGS, 2023).

7.3 Site Photographs



Photo 1: East boundary of Property, facing west



Photo 2: East boundary of Property, facing east



Photo 3: East boundary of Property, facing north



Photo 4: East boundary of Property, facing south



Photo 5: Sandy upland tall-grass prairie on the Property



Photo 6: Sand bar along Cimarron River near north boundary of Property



Photo 7: Cimarron River channel near north boundary of Property



Photo 8: North boundary of Property, facing west



Photo 9: Eastern red cedar thickets near center of Property



Photo 10: East bank of Cimarron River, facing south



Photo 11: East bank of Cimarron River, facing north



Photo 12: South boundary of Property, facing east



Photo 13: South boundary of Property, facing west



Photo 14: South boundary of Property, facing south



Photo 15: Southeast corner of Property, facing north



Photo 16: Southeast corner of Property, facing west



Photo 17: Southeast corner of Property, facing south

17.4 Regulatory Records & Supporting Documentation

17.4.1 EDR Study Report and Supporting Documents

17.4.2 User Questionnaire

17.4.3 OK Water Resources Board Records

17.4.4 OK Corporation Commission Records

17.4.1 EDR Study Report and Supporting Documents

Twin Lakes Property

SH-33

Cashion, OK 73016

Inquiry Number: 7217970.2s

January 05, 2023

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (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

SH-33
CASHION, OK 73016

COORDINATES

Latitude (North): 35.8652750 - 35° 51' 54.99"
Longitude (West): 97.6671500 - 97° 40' 1.74"
Universal Transverse Mercator: Zone 14
UTM X (Meters): 620336.9
UTM Y (Meters): 3969625.8
Elevation: 953 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12543145 CASHION, OK
Version Date: 2018

North Map: 12537510 CRESCENT NW, OK
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150623, 20150609
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
SH-33
CASHION, OK 73044

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 hazardous waste facilities

SHWS..... The Land Report

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Permitted Solid Waste Disposal & Processing Facilities

Lists of state and tribal leaking storage tanks

LAST..... Leaking Aboveground Storage Tanks List
LUST..... Leaking Underground Storage Tank List
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

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

State and tribal institutional control / engineering control registries

INST CONTROL..... Institutional Control Sites

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Site Inventory
INDIAN VCP..... Voluntary Cleanup Priority Listing
SCAP..... Site Cleanup Assistance program Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfield Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

EXECUTIVE SUMMARY

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

HIST UST..... Underground Storage Tank List, List II Version

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
OK COMPLAINT..... Oklahoma Complaint System Database

Other Ascertainable Records

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

EXECUTIVE SUMMARY

| | |
|------------------------------|--|
| 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 |
| PFAS NPL..... | Superfund Sites with PFAS Detections Information |
| PFAS FEDERAL SITES..... | Federal Sites PFAS Information |
| PFAS TSCA..... | PFAS Manufacture and Imports Information |
| PFAS RCRA MANIFEST..... | PFAS Transfers Identified In the RCRA Database Listing |
| PFAS ATSDR..... | PFAS Contamination Site Location Listing |
| PFAS WQP..... | Ambient Environmental Sampling for PFAS |
| PFAS NPDES..... | Clean Water Act Discharge Monitoring Information |
| PFAS ECHO..... | Facilities in Industries that May Be Handling PFAS Listing |
| PFAS ECHO FIRE TRAINING..... | Facilities in Industries that May Be Handling PFAS Listing |
| PFAS PART 139 AIRPORT..... | All Certified Part 139 Airports PFAS Information Listing |
| AQUEOUS FOAM NRC..... | Aqueous Foam Related Incidents Listing |
| PFAS..... | PFAS Contamination Site Location Listing |
| AIRS..... | Permitted AIRS Facility Listing |
| ASBESTOS..... | Asbestos Notification |
| DRYCLEANERS..... | Drycleaner Facility Listing |
| Financial Assurance..... | Financial Assurance Information Listing |
| TIER 2..... | Tier 2 Data Listing |
| UIC..... | Underground Injection Wells Database 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 |
| RGA LUST..... | Recovered Government Archive Leaking Underground Storage Tank |

SURROUNDING SITES: SEARCH RESULTS

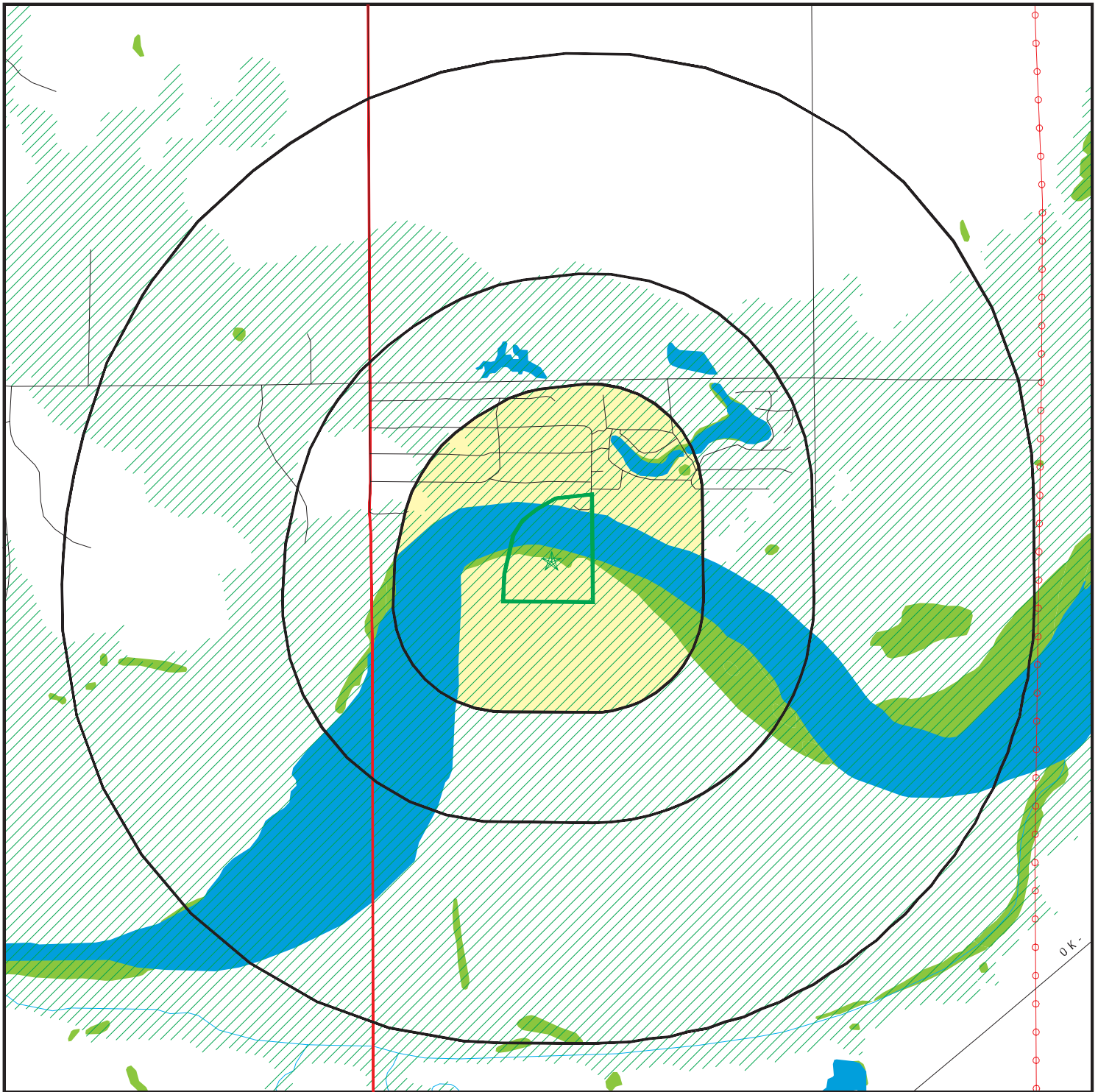
Surrounding sites were not identified.













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

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7217970.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  County Boundary
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory

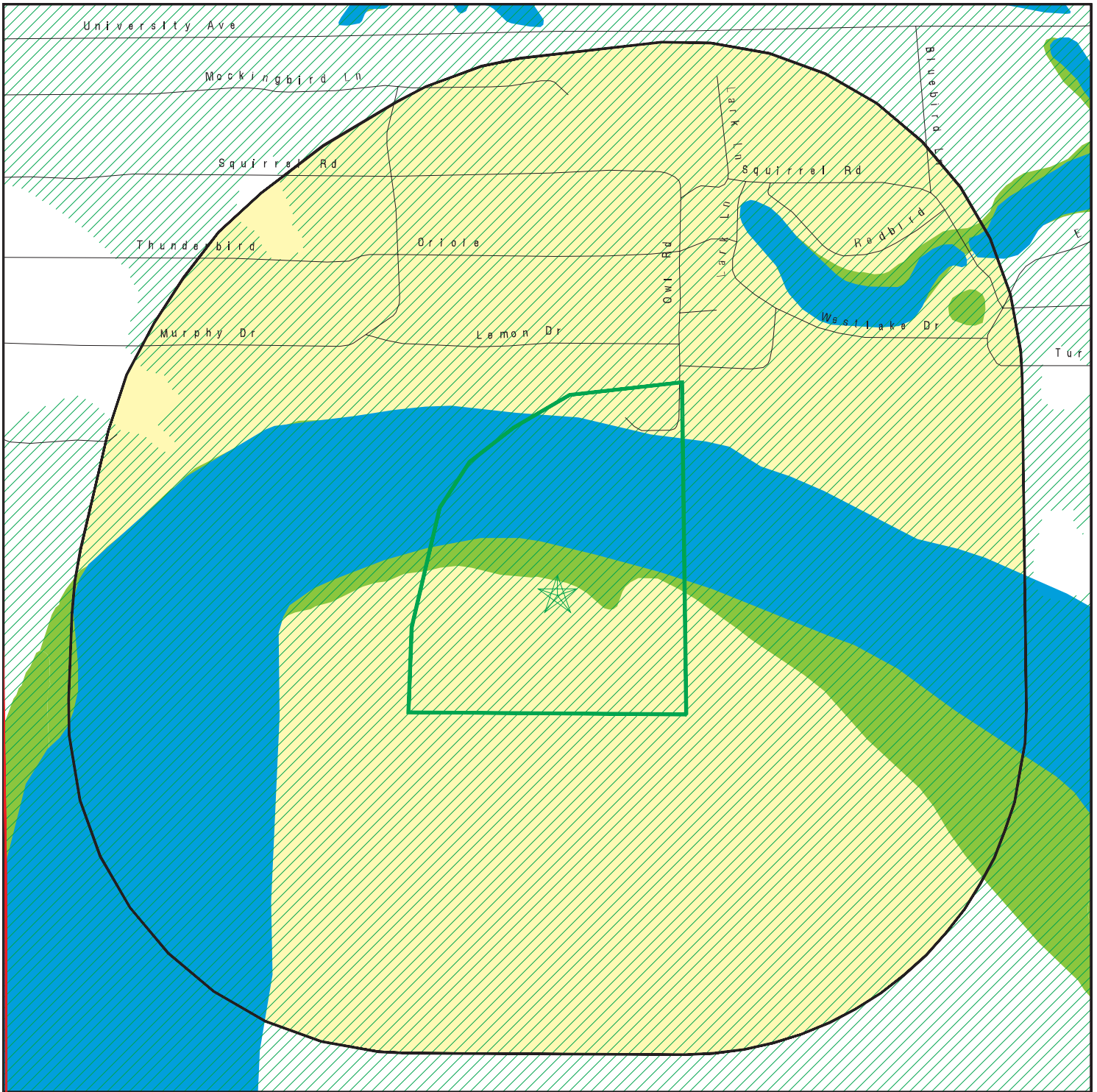









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

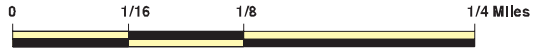
SITE NAME: Twin Lakes Property
 ADDRESS: SH-33
 Cashion OK 73016
 LAT/LONG: 35.865275 / 97.66715

CLIENT: CC Environmental LLC
 CONTACT: Geoff Canty
 INQUIRY #: 7217970.2s
 DATE: January 05, 2023 1:48 pm

DETAIL MAP - 7217970.2S



-  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
-  County Boundary
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory



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: Twin Lakes Property
 ADDRESS: SH-33
 Cashion OK 73016
 LAT/LONG: 35.865275 / 97.66715

CLIENT: CC Environmental LLC
 CONTACT: Geoff Canty
 INQUIRY #: 7217970.2s
 DATE: January 05, 2023 1:48 pm

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| STANDARD ENVIRONMENTAL RECORDS | | | | | | | | |
| <i>Lists of Federal NPL (Superfund) sites</i> | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Lists of Federal Delisted NPL sites</i> | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i> | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of Federal CERCLA sites with NFRAP</i> | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of Federal RCRA facilities undergoing Corrective Action</i> | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Lists of Federal RCRA TSD facilities</i> | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of Federal RCRA generators</i> | | | | | | | | |
| RCRA-LQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-SQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-VSQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <i>Federal institutional controls / engineering controls registries</i> | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal ERNS list</i> | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| <i>Lists of state- and tribal hazardous waste facilities</i> | | | | | | | | |
| SHWS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Lists of state and tribal landfills and solid waste disposal facilities</i> | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of state and tribal leaking storage tanks</i> | | | | | | | | |
| LAST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of state and tribal registered storage tanks</i> | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <i>State and tribal institutional control / engineering control registries</i> | | | | | | | | |
| INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of state and tribal voluntary cleanup sites</i> | | | | | | | | |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SCAP | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Lists of state and tribal brownfield sites</i> | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <u>ADDITIONAL ENVIRONMENTAL RECORDS</u> | | | | | | | | |
| <i>Local Brownfield lists</i> | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Local Lists of Landfill / Solid Waste Disposal Sites</i> | | | | | | | | |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Local Lists of Hazardous waste / Contaminated Sites</i> | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| <i>Local Lists of Registered Storage Tanks</i> | | | | | | | | |
| HIST UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <i>Local Land Records</i> | | | | | | | | |
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| <i>Records of Emergency Release Reports</i> | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| OK COMPLAINT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| <i>Other Ascertainable Records</i> | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|-------------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FINDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ECHO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS NPL | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS FEDERAL SITES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS TSCA | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS RCRA MANIFEST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS ATSDR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS WQP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS NPDES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS ECHO | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS ECHO FIRE TRAINING | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS PART 139 AIRPORT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| AQUEOUS FOAM NRC | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS | TP | | NR | NR | NR | NR | NR | 0 |
| AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ASBESTOS | TP | | NR | NR | NR | NR | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---------------------|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TIER 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MINES MRDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

| | | | | | | | | |
|------------------|-------|--|---|----|----|----|----|---|
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| EDR Hist Cleaner | 0.125 | | 0 | NR | NR | NR | NR | 0 |

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

| | | | | | | | | |
|----------|-------|--|---|----|----|----|----|---|
| RGA HWS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |

| | | | | | | | | |
|-------------|--|---|---|---|---|---|---|---|
| - Totals -- | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|--|---|---|---|---|---|---|---|

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

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: 10/27/2022 | Source: EPA |
| Date Data Arrived at EDR: 11/01/2022 | Telephone: N/A |
| Date Made Active in Reports: 11/15/2022 | Last EDR Contact: 01/03/2023 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/10/2023 |
| | Data Release Frequency: Quarterly |

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

| | |
|---|--|
| Date of Government Version: 10/27/2022 | Source: EPA |
| Date Data Arrived at EDR: 11/01/2022 | Telephone: N/A |
| Date Made Active in Reports: 11/15/2022 | Last EDR Contact: 01/03/2023 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/10/2023 |
| | Data Release Frequency: Quarterly |

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 08/25/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|--|
| Date of Government Version: 10/27/2022 | Source: EPA |
| Date Data Arrived at EDR: 11/01/2022 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 11/15/2022 | Last EDR Contact: 01/03/2023 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 01/23/2023 |
| | Data Release Frequency: Quarterly |

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

| | |
|---|--|
| Date of Government Version: 11/21/2022 | Source: EPA |
| Date Data Arrived at EDR: 11/21/2022 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 12/21/2022 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

| | |
|---|---|
| Date of Government Version: 11/21/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/21/2022 | Telephone: 214-665-6444 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 12/21/2022 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

| | |
|---|---|
| Date of Government Version: 11/21/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/21/2022 | Telephone: 214-665-6444 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 12/21/2022 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

| | |
|---|---|
| Date of Government Version: 11/21/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/21/2022 | Telephone: 214-665-6444 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 12/21/2022 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

| | |
|---|---|
| Date of Government Version: 11/21/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/21/2022 | Telephone: 214-665-6444 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 12/21/2022 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

| | |
|---|--|
| Date of Government Version: 08/16/2022 | Source: Department of the Navy |
| Date Data Arrived at EDR: 08/22/2022 | Telephone: 843-820-7326 |
| Date Made Active in Reports: 10/24/2022 | Last EDR Contact: 11/01/2022 |
| Number of Days to Update: 63 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: Varies |

US ENG CONTROLS: Engineering Controls Sites List

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

| | |
|---|---|
| Date of Government Version: 08/15/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/17/2022 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 10/24/2022 | Last EDR Contact: 11/16/2022 |
| Number of Days to Update: 68 | Next Scheduled EDR Contact: 03/06/2023 |
| | Data Release Frequency: Varies |

US INST CONTROLS: Institutional Controls Sites List

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

| | |
|---|---|
| Date of Government Version: 08/15/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/17/2022 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 10/24/2022 | Last EDR Contact: 11/16/2022 |
| Number of Days to Update: 68 | Next Scheduled EDR Contact: 03/06/2023 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

| | |
|---|---|
| Date of Government Version: 12/12/2022 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 12/14/2022 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 12/19/2022 | Last EDR Contact: 12/14/2022 |
| Number of Days to Update: 5 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

Lists of state- and tribal hazardous waste facilities

SHWS: Voluntary Cleanup & Superfund Site Status Report

Land restoration projects carried out in several DEQ programs.

| | |
|---|---|
| Date of Government Version: 08/08/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 08/09/2022 | Telephone: 405-702-5100 |
| Date Made Active in Reports: 10/25/2022 | Last EDR Contact: 11/08/2022 |
| Number of Days to Update: 77 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: No Update Planned |

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Solid Waste Disposal & Processing 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: 07/25/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 09/20/2022 | Telephone: 405-702-5184 |
| Date Made Active in Reports: 12/08/2022 | Last EDR Contact: 12/22/2022 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Annually |

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

| | |
|---|---|
| Date of Government Version: 09/05/2022 | Source: Oklahoma Corporation Commission |
| Date Data Arrived at EDR: 09/20/2022 | Telephone: 405-521-3107 |
| Date Made Active in Reports: 12/08/2022 | Last EDR Contact: 12/19/2022 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Varies |

LAST: Leaking Aboveground Storage Tanks List

Leaking aboveground storage tank site locations.

| | |
|---|---|
| Date of Government Version: 09/05/2022 | Source: Oklahoma Corporation Commission |
| Date Data Arrived at EDR: 09/20/2022 | Telephone: 405-522-4640 |
| Date Made Active in Reports: 12/08/2022 | Last EDR Contact: 12/19/2022 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Varies |

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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

Date of Government Version: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021
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 1
Telephone: 617-918-1313
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|--|
| Date of Government Version: 04/20/2022 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | 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.

| | |
|---|--|
| Date of Government Version: 10/14/2021 | Source: FEMA |
| Date Data Arrived at EDR: 11/05/2021 | Telephone: 202-646-5797 |
| Date Made Active in Reports: 02/01/2022 | Last EDR Contact: 12/28/2022 |
| Number of Days to Update: 88 | Next Scheduled EDR Contact: 04/17/2023 |
| | Data Release Frequency: Varies |

UST: Underground Storage Tank Listing
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: 09/05/2022 | Source: Oklahoma Corporation Commission |
| Date Data Arrived at EDR: 09/20/2022 | Telephone: 405-521-3107 |
| Date Made Active in Reports: 12/07/2022 | Last EDR Contact: 12/19/2022 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Varies |

AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

| | |
|---|---|
| Date of Government Version: 09/05/2022 | Source: Oklahoma Corporation Commission |
| Date Data Arrived at EDR: 09/20/2022 | Telephone: 405-521-3107 |
| Date Made Active in Reports: 12/07/2022 | Last EDR Contact: 12/19/2022 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 04/03/2023 |
| | 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: 06/02/2022 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 08/31/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

| | |
|---|--|
| Date of Government Version: 04/08/2022 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 04/14/2022 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 04/20/2022 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 04/07/2022 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 04/11/2022 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 04/28/2022 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 04/20/2022 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 06/13/2022 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 08/16/2022 | Last EDR Contact: 12/06/2022 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Sites
Sites with institutional controls in place.

| | |
|---|---|
| Date of Government Version: 08/08/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 08/09/2022 | Telephone: 405-702-5100 |
| Date Made Active in Reports: 10/25/2022 | Last EDR Contact: 11/08/2022 |
| Number of Days to Update: 77 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: Quarterly |

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

VCP: Voluntary Cleanup Site Inventory

Investigations and cleanups by groups or individuals participating in the Voluntary Cleanup Program (VCP).

| | |
|---|---|
| Date of Government Version: 08/08/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 08/09/2022 | Telephone: 405-702-5100 |
| Date Made Active in Reports: 10/25/2022 | Last EDR Contact: 11/08/2022 |
| Number of Days to Update: 77 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: Quarterly |

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: 12/13/2022 |
| Number of Days to Update: 142 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Varies |

SCAP: Site Cleanup Assistance program Listing

SCAP remediates abandoned hazardous waste sites and closed armories and provides other cleanup assistance to public entities around the state.

| | |
|---|---|
| Date of Government Version: 09/19/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 09/20/2022 | Telephone: 405-702-5138 |
| Date Made Active in Reports: 12/08/2022 | Last EDR Contact: 12/15/2022 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Varies |

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfield Sites

Brownfields are defined by Oklahoma law as abandoned, idled or under used industrial or commercial facilities or other real property at which expansion or redevelopment of the real property is complicated by environmental contamination caused by regulated substances. This program provides a means for private parties and government entities to voluntarily investigate and if warranted, clean up properties that may be contaminated with hazardous wastes. The formal Brownfields Program provides specific state liability relief and protects the property from federal Superfund actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/10/2012
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 405-702-5100
Last EDR Contact: 11/02/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: No Update Planned

BROWNFIELDS 2: Brownfields Public Record Listing

The Brownfields program provides a means for private parties and government entities to voluntarily investigate and if warranted, clean up properties that may be contaminated with hazardous wastes. The formal Brownfields Program provides specific state liability relief and protects the property from federal Superfund actions.

Date of Government Version: 06/09/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/25/2022
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: 405-702-5100
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 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: 12/07/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling facility locations.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 405-702-5100
Last EDR Contact: 10/13/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank List, List II Version

This underground storage tank listing includes tank information through March 2003. This listing is no longer updated by the Oklahoma Corporation Commission.

Date of Government Version: 03/21/2003
Date Data Arrived at EDR: 04/28/2003
Date Made Active in Reports: 05/27/2003
Number of Days to Update: 29

Source: Oklahoma Corporation Commission
Telephone: 405-521-3107
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Land Records

LIENS 2: CERCLA Lien Information

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

| | |
|---|---|
| Date of Government Version: 10/27/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/01/2022 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 11/15/2022 | Last EDR Contact: 01/03/2023 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/10/2023 |
| | Data Release Frequency: Semi-Annually |

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

| | |
|---|---|
| Date of Government Version: 09/19/2022 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 09/19/2022 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 09/30/2022 | Last EDR Contact: 12/14/2022 |
| Number of Days to Update: 11 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

OK COMPLAINT: Oklahoma Complaint System Database

Environmental complaints reported to the Oklahoma Corporation Commission.

| | |
|---|--|
| Date of Government Version: 06/30/2021 | Source: Oklahoma Conservation Commission |
| Date Data Arrived at EDR: 07/28/2021 | Telephone: 405-521-4828 |
| Date Made Active in Reports: 10/28/2021 | Last EDR Contact: 12/01/2022 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: Annually |

Other Ascertainable Records

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

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

| | |
|---|---|
| Date of Government Version: 11/21/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/21/2022 | Telephone: 214-665-6444 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 12/21/2022 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

FUDS: Formerly Used Defense Sites

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

| | |
|---|--|
| Date of Government Version: 08/11/2022 | Source: U.S. Army Corps of Engineers |
| Date Data Arrived at EDR: 08/11/2022 | Telephone: 202-528-4285 |
| Date Made Active in Reports: 09/30/2022 | Last EDR Contact: 11/10/2022 |
| Number of Days to Update: 50 | Next Scheduled EDR Contact: 02/27/2023 |
| | Data Release Frequency: Varies |

DOD: Department of Defense Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
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: 01/03/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 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: 11/03/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/19/2022
Date Data Arrived at EDR: 09/20/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/14/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/12/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/18/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|---|
| Date of Government Version: 04/27/2022 | 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: 10/27/2022 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Varies |

RAATS: RCRA Administrative Action Tracking System

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

| | |
|---|---|
| Date of Government Version: 04/17/1995 | Source: EPA |
| Date Data Arrived at EDR: 07/03/1995 | Telephone: 202-564-4104 |
| Date Made Active in Reports: 08/07/1995 | Last EDR Contact: 06/02/2008 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 09/01/2008 |
| | Data Release Frequency: No Update Planned |

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

| | |
|---|--|
| Date of Government Version: 10/27/2022 | Source: EPA |
| Date Data Arrived at EDR: 11/01/2022 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 11/15/2022 | Last EDR Contact: 01/03/2023 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 02/16/2023 |
| | Data Release Frequency: Quarterly |

PADS: PCB Activity Database System

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

| | |
|---|--|
| Date of Government Version: 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: 01/04/2023 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 04/17/2023 |
| | Data Release Frequency: Annually |

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

| | |
|---|---|
| Date of Government Version: 11/18/2016 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/23/2016 | Telephone: 202-564-2501 |
| Date Made Active in Reports: 02/10/2017 | Last EDR Contact: 12/28/2022 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 04/17/2023 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|---|
| Date of Government Version: 04/09/2009 | 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: 10/26/2022 | Source: Nuclear Regulatory Commission |
| Date Data Arrived at EDR: 11/22/2022 | Telephone: 301-415-7169 |
| Date Made Active in Reports: 12/05/2022 | Last EDR Contact: 10/11/2022 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 01/30/2023 |
| | Data Release Frequency: Quarterly |

COAL ASH DOE: Steam-Electric Plant Operation Data

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

| | |
|---|--|
| Date of Government Version: 12/31/2020 | 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: 11/29/2022 |
| Number of Days to Update: 84 | Next Scheduled EDR Contact: 03/13/2023 |
| | Data Release Frequency: Varies |

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

| | |
|---|---|
| Date of Government Version: 01/12/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/05/2019 | Telephone: N/A |
| Date Made Active in Reports: 11/11/2019 | Last EDR Contact: 11/23/2022 |
| Number of Days to Update: 251 | Next Scheduled EDR Contact: 03/13/2023 |
| | Data Release Frequency: Varies |

PCB TRANSFORMER: PCB Transformer Registration Database

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

| | |
|---|---|
| Date of Government Version: 09/13/2019 | 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: 11/03/2022 |
| Number of Days to Update: 96 | Next Scheduled EDR Contact: 02/13/2023 |
| | Data Release Frequency: Varies |

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/20/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2019
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: 12/21/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

| | |
|---|--|
| Date of Government Version: 12/31/2014 | Source: USGS |
| Date Data Arrived at EDR: 07/14/2015 | Telephone: 202-208-3710 |
| Date Made Active in Reports: 01/10/2017 | Last EDR Contact: 10/06/2022 |
| Number of Days to Update: 546 | Next Scheduled EDR Contact: 01/16/2023 |
| | Data Release Frequency: Semi-Annually |

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

| | |
|---|--|
| Date of Government Version: 07/26/2021 | Source: Department of Energy |
| Date Data Arrived at EDR: 07/27/2021 | Telephone: 202-586-3559 |
| Date Made Active in Reports: 10/22/2021 | Last EDR Contact: 10/27/2022 |
| Number of Days to Update: 87 | Next Scheduled EDR Contact: 02/16/2023 |
| | Data Release Frequency: Varies |

UMTRA: Uranium Mill Tailings Sites

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

| | |
|---|--|
| Date of Government Version: 08/30/2019 | Source: Department of Energy |
| Date Data Arrived at EDR: 11/15/2019 | Telephone: 505-845-0011 |
| Date Made Active in Reports: 01/28/2020 | Last EDR Contact: 11/09/2022 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 02/27/2023 |
| | Data Release Frequency: Varies |

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

| | |
|---|---|
| Date of Government Version: 10/27/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/01/2022 | Telephone: 703-603-8787 |
| Date Made Active in Reports: 11/15/2022 | Last EDR Contact: 01/03/2023 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/10/2023 |
| | Data Release Frequency: Varies |

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

| | |
|---|---|
| Date of Government Version: 04/05/2001 | Source: American Journal of Public Health |
| Date Data Arrived at EDR: 10/27/2010 | Telephone: 703-305-6451 |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 12/02/2009 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2022
Next Scheduled EDR Contact: 03/06/2023
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: 11/29/2022
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 22

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 03/13/2023
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: 11/21/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/21/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2022
Date Data Arrived at EDR: 09/14/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 82

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/13/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 60

Source: EPA
Telephone: (214) 665-2200
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

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: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/25/2022
Date Data Arrived at EDR: 09/30/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

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

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

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

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

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

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

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

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

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

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

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

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

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

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

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

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

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

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

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

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

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

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

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 10/26/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

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

| | |
|---|---|
| Date of Government Version: 02/23/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/31/2022 | Telephone: 202-272-0167 |
| Date Made Active in Reports: 11/08/2022 | Last EDR Contact: 10/06/2022 |
| Number of Days to Update: 222 | Next Scheduled EDR Contact: 01/16/2023 |
| | Data Release Frequency: Varies |

PFAS: PFAS Contamination Site Location Listing

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

| | |
|---|---|
| Date of Government Version: 06/23/2021 | Source: Department of Environment Quality |
| Date Data Arrived at EDR: 06/23/2021 | Telephone: 405-702-5100 |
| Date Made Active in Reports: 12/14/2021 | Last EDR Contact: 12/20/2022 |
| Number of Days to Update: 174 | Next Scheduled EDR Contact: 04/10/2023 |
| | Data Release Frequency: Varies |

AIRS: Permitted AIRS Facility Listing

A listing of permitted AIRS facility locations.

| | |
|---|---|
| Date of Government Version: 09/13/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 09/14/2022 | Telephone: 405-702-4100 |
| Date Made Active in Reports: 12/07/2022 | Last EDR Contact: 12/13/2022 |
| Number of Days to Update: 84 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

ASBESTOS: Asbestos Notification

Asbestos project site locations

| | |
|---|--|
| Date of Government Version: 10/03/2022 | Source: Department of Labor |
| Date Data Arrived at EDR: 10/04/2022 | Telephone: 405-521-6467 |
| Date Made Active in Reports: 12/20/2022 | Last EDR Contact: 12/28/2022 |
| Number of Days to Update: 77 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Varies |

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaner facility locations.

| | |
|---|---|
| Date of Government Version: 09/13/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 09/14/2022 | Telephone: 405-702-9100 |
| Date Made Active in Reports: 12/07/2022 | Last EDR Contact: 12/13/2022 |
| Number of Days to Update: 84 | Next Scheduled EDR Contact: 04/03/2023 |
| | Data Release Frequency: Quarterly |

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information.

| | |
|---|---|
| Date of Government Version: 07/25/2014 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 11/06/2014 | Telephone: 405-702-5105 |
| Date Made Active in Reports: 01/13/2015 | Last EDR Contact: 11/02/2022 |
| Number of Days to Update: 68 | Next Scheduled EDR Contact: 02/02/2023 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

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

| | |
|---|---|
| Date of Government Version: 12/10/2013 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/12/2013 | Telephone: 405-702-5100 |
| Date Made Active in Reports: 01/24/2014 | Last EDR Contact: 11/02/2022 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: No Update Planned |

TIER 2: Tier 2 Data Listing

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

| | |
|---|---|
| Date of Government Version: 12/31/2020 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 06/07/2021 | Telephone: 405-702-1000 |
| Date Made Active in Reports: 08/31/2021 | Last EDR Contact: 12/09/2022 |
| Number of Days to Update: 85 | Next Scheduled EDR Contact: 03/20/2023 |
| | Data Release Frequency: Annually |

UIC: Underground Injection Wells Database Listing

Class I injection wells. CLASS I wells are used to inject liquid hazardous and non-hazardous wastes beneath the lower most Underground Sources of Drinking Water (USDW).

| | |
|---|---|
| Date of Government Version: 08/15/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 10/10/2022 | Telephone: 405-702-5188 |
| Date Made Active in Reports: 12/20/2022 | Last EDR Contact: 10/10/2022 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 01/23/2023 |
| | Data Release Frequency: Varies |

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

| | |
|---|--|
| Date of Government Version: 04/06/2018 | Source: USGS |
| Date Data Arrived at EDR: 10/21/2019 | Telephone: 703-648-6533 |
| Date Made Active in Reports: 10/24/2019 | Last EDR Contact: 11/22/2022 |
| Number of Days to Update: 3 | Next Scheduled EDR Contact: 03/06/2023 |
| | Data Release Frequency: Varies |

PCS: Permit Compliance System

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

| | |
|---|--|
| Date of Government Version: 07/14/2011 | Source: EPA, Office of Water |
| Date Data Arrived at EDR: 08/05/2011 | Telephone: 202-564-2496 |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 12/28/2022 |
| Number of Days to Update: 55 | Next Scheduled EDR Contact: 04/17/2023 |
| | Data Release Frequency: Semi-Annually |

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 | Source: EPA |
| Date Data Arrived at EDR: 01/06/2015 | Telephone: 202-564-2496 |
| Date Made Active in Reports: 05/06/2015 | Last EDR Contact: 12/28/2022 |
| Number of Days to Update: 120 | Next Scheduled EDR Contact: 04/17/2023 |
| | 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: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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 Department of Environmental Quality in Oklahoma.

| | |
|---|---|
| Date of Government Version: N/A | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 07/01/2013 | Telephone: N/A |
| Date Made Active in Reports: 01/03/2014 | Last EDR Contact: 06/01/2012 |
| Number of Days to Update: 186 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

| | |
|---|---|
| Date of Government Version: N/A | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 07/01/2013 | Telephone: N/A |
| Date Made Active in Reports: 01/20/2014 | Last EDR Contact: 06/01/2012 |
| Number of Days to Update: 203 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

| | |
|---|---|
| Date of Government Version: N/A | Source: Oklahoma Corporation Commission |
| Date Data Arrived at EDR: 07/01/2013 | Telephone: N/A |
| Date Made Active in Reports: 12/27/2013 | Last EDR Contact: 06/01/2012 |
| Number of Days to Update: 179 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

| | |
|---|---|
| Date of Government Version: 08/08/2022 | Source: Department of Energy & Environmental Protection |
| Date Data Arrived at EDR: 08/08/2022 | Telephone: 860-424-3375 |
| Date Made Active in Reports: 10/21/2022 | Last EDR Contact: 11/16/2022 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 02/20/2023 |
| | Data Release Frequency: No Update Planned |

NY MANIFEST: Facility and Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Quarterly

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: 12/01/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

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: Day Care Centers

Source: Department of Human Services
Telephone: 405-521-3561

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TWIN LAKES PROPERTY
SH-33
CASHION, OK 73016

TARGET PROPERTY COORDINATES

| | |
|-------------------------------|----------------------------|
| Latitude (North): | 35.865275 - 35° 51' 54.99" |
| Longitude (West): | 97.66715 - 97° 40' 1.74" |
| Universal Tranverse Mercator: | Zone 14 |
| UTM X (Meters): | 620336.9 |
| UTM Y (Meters): | 3969625.8 |
| Elevation: | 953 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|----------------------|----------------------|
| Target Property Map: | 12543145 CASHION, OK |
| Version Date: | 2018 |

| | |
|---------------|--------------------------|
| North Map: | 12537510 CRESCENT NW, OK |
| Version Date: | 2018 |

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).

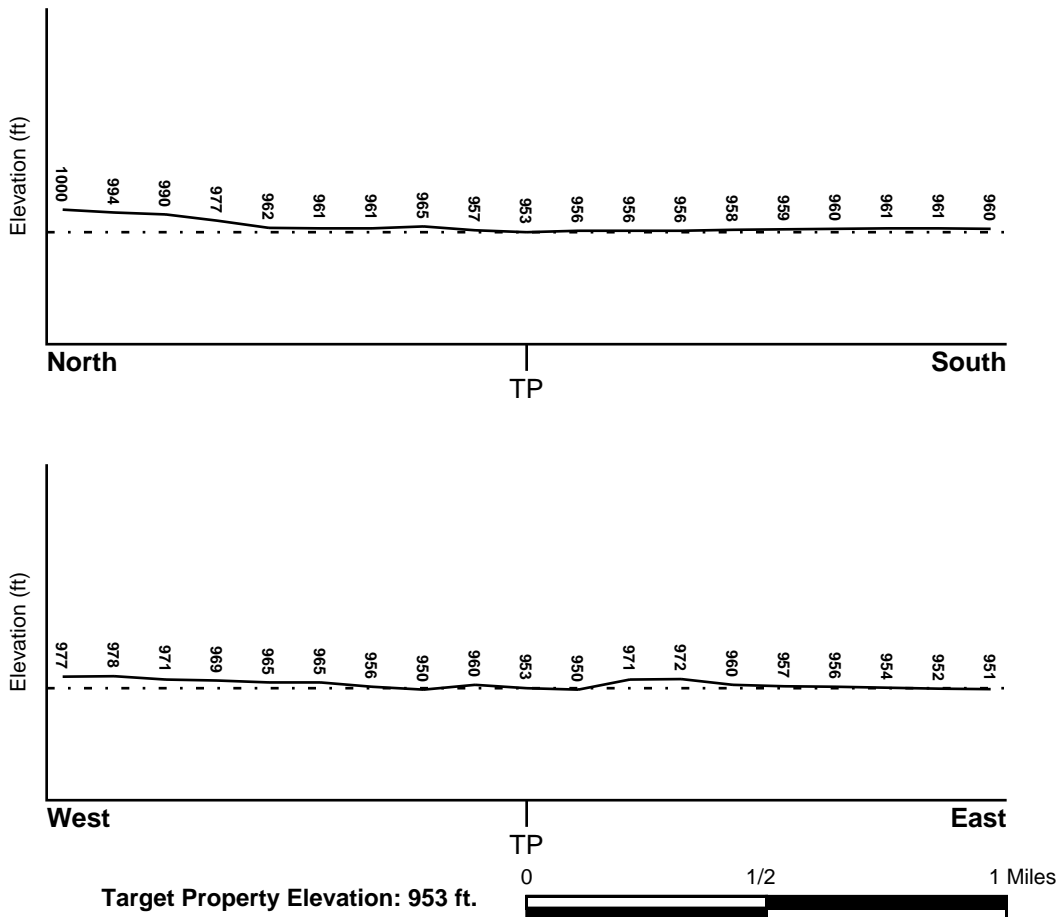
TOPOGRAPHIC INFORMATION

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 WSW

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> |
| 40073C0485D | FEMA FIRM Flood data |
| <u>Additional Panels in search area:</u> | <u>FEMA Source Type</u> |
| 40073C0375D | FEMA FIRM Flood data |

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

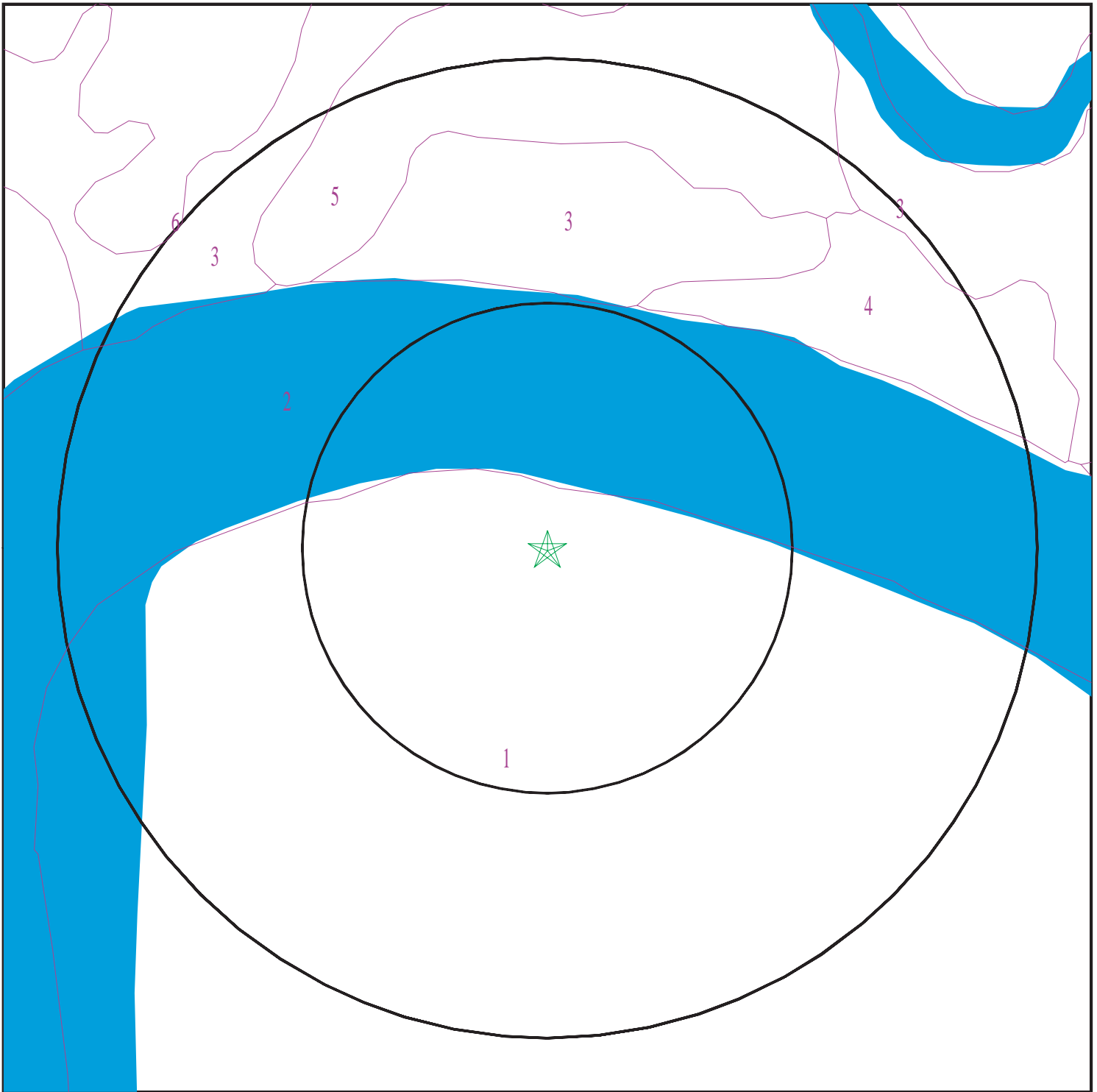
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

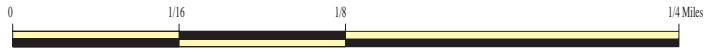
Category: Stratified Sequence

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 - 7217970.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Twin Lakes Property
ADDRESS: SH-33
Cashion OK 73016
LAT/LONG: 35.865275 / 97.66715

CLIENT: CC Environmental LLC
CONTACT: Geoff Canty
INQUIRY #: 7217970.2s
DATE: January 05, 2023 1:48 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: Gaddy

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 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 | fine sandy loam | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 7.9 |
| 2 | 5 inches | 79 inches | stratified fine sand to clay loam | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 7.9 |

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture: water

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

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 | 79 inches | water | Not reported | Not reported | Max: Min: | Max: Min: |

Soil Map ID: 3

Soil Component Name: Goodnight

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

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 | 25 inches | 64 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 2 | 9 inches | 18 inches | loamy fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 3 | 0 inches | 9 inches | loamy fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 4 | 18 inches | 25 inches | loamy fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |

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 | | |
| 5 | 64 inches | 79 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |

Soil Map ID: 4

Soil Component Name: Goodnight

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

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 | 7 inches | 22 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 2 | 0 inches | 7 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 3 | 22 inches | 44 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 4 | 44 inches | 79 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |

Soil Map ID: 5

Soil Component Name: Goodnight

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

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 | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 2 | 5 inches | 20 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 3 | 20 inches | 79 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |

Soil Map ID: 6

Soil Component Name: Goodnight

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

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 | 22 inches | 31 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 2 | 31 inches | 51 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |

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 | | |
| 3 | 0 inches | 9 inches | loamy fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 4 | 9 inches | 22 inches | loamy fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |
| 5 | 51 inches | 79 inches | fine sand | Not reported | Not reported | Max: 141.14 Min: 42.33 | Max: 8.4 Min: 6.1 |

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> |
|---------------|-----------------|-------------------------|
| 5 | USGS40000974087 | 1/4 - 1/2 Mile NE |

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 | OK7000000024669 | 1/8 - 1/4 Mile North |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

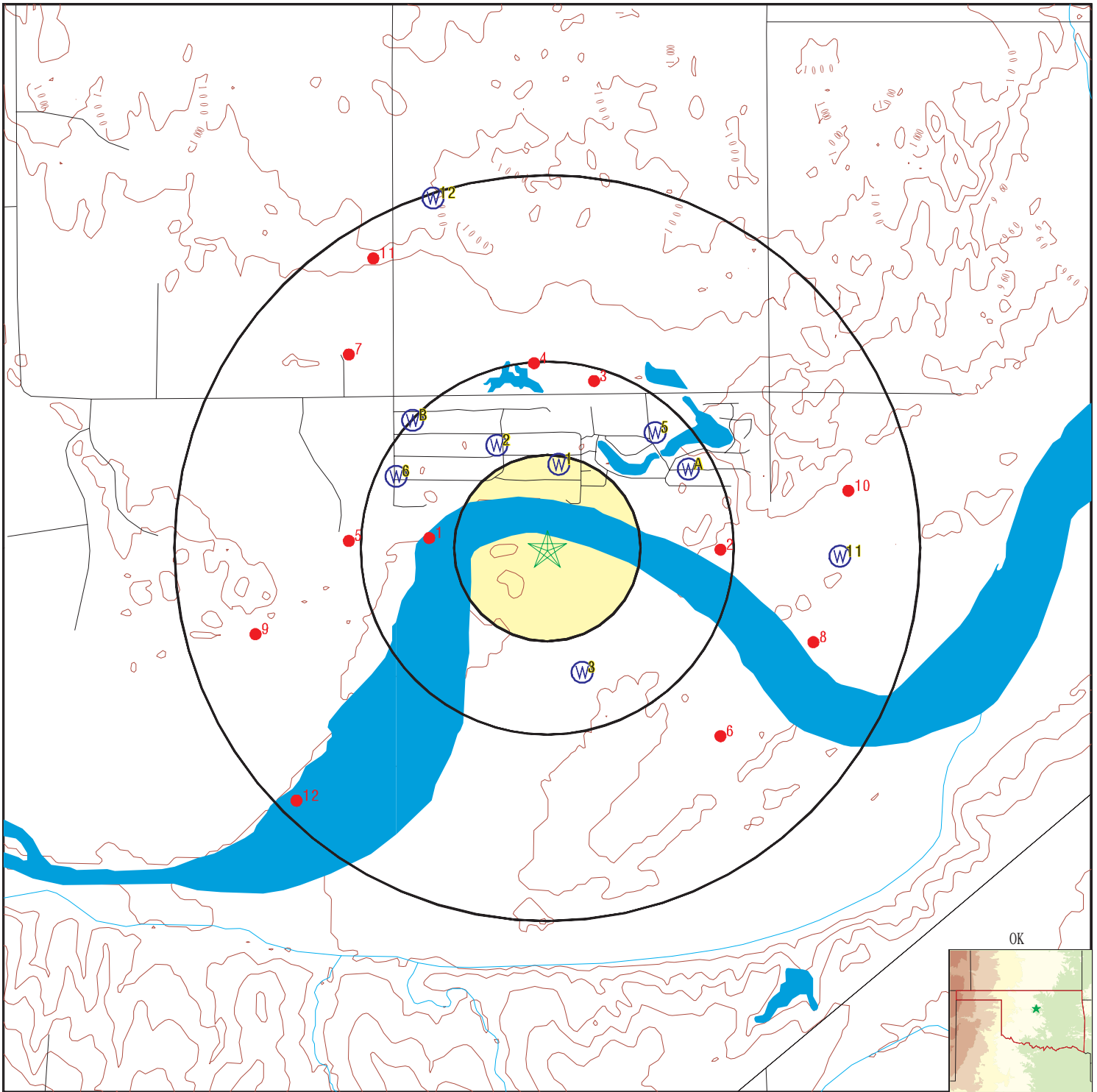
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|-----------------|-----------------------------|
| 2 | OK700000063266 | 1/4 - 1/2 Mile NNW |
| 3 | OKWR10000012305 | 1/4 - 1/2 Mile SSE |
| A4 | OK7000000066410 | 1/4 - 1/2 Mile ENE |
| 6 | OK7000000103587 | 1/4 - 1/2 Mile WNW |
| A7 | OK700000080108 | 1/4 - 1/2 Mile ENE |
| B8 | OK7000000029631 | 1/4 - 1/2 Mile NW |
| B9 | OK7000000065715 | 1/4 - 1/2 Mile NW |
| B10 | OK7000000091333 | 1/2 - 1 Mile NW |
| 11 | OK7000000043713 | 1/2 - 1 Mile East |
| 12 | OK7000000064076 | 1/2 - 1 Mile NNW |

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

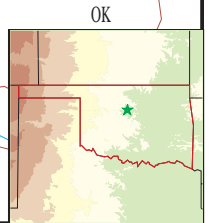
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|-----------------|-----------------------------|
| 1 | OKOG20000193613 | 1/4 - 1/2 Mile West |
| 2 | OKOG20000193103 | 1/4 - 1/2 Mile East |
| 3 | OKOG20000195555 | 1/4 - 1/2 Mile NNE |
| 4 | OKOG20000197468 | 1/4 - 1/2 Mile North |
| 5 | OKOG20000166200 | 1/2 - 1 Mile West |
| 6 | OKOG20000191486 | 1/2 - 1 Mile SE |
| 7 | OKOG20000171323 | 1/2 - 1 Mile NW |
| 8 | OKOG20000191187 | 1/2 - 1 Mile ESE |
| 9 | OKOG20000169828 | 1/2 - 1 Mile WSW |
| 10 | OKOG20000192677 | 1/2 - 1 Mile East |
| 11 | OKOG20000129132 | 1/2 - 1 Mile NNW |
| 12 | OKOG20000187749 | 1/2 - 1 Mile SW |

PHYSICAL SETTING SOURCE MAP - 7217970.2s



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

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



SITE NAME: Twin Lakes Property
 ADDRESS: SH-33
 Cashion OK 73016
 LAT/LONG: 35.865275 / 97.66715

CLIENT: CC Environmental LLC
 CONTACT: Geoff Canty
 INQUIRY #: 7217970.2s
 DATE: January 05, 2023 1:48 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
North
1/8 - 1/4 Mile
Higher

OK WELLS OK7000000024669

| | | | |
|--------------------|---|----------------------|----------------------|
| Well ID: | 28754 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Twin Lake Sport Club |
| Elevation: | 0 | Water Use: | Industrial |
| Total Well Depth: | 40 | Date to First Water: | 11.89999962 |
| Approximate Yield: | 150 | Construction Date: | 17-MAR-92 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=28754 | | |

2
NNW
1/4 - 1/2 Mile
Higher

OK WELLS OK7000000063266

| | | | |
|--------------------|---|----------------------|------------------|
| Well ID: | 94718 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Paul Cummings |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 43 | Date to First Water: | 0 |
| Approximate Yield: | 25 | Construction Date: | 31-MAY-05 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=94718 | | |

3
SSE
1/4 - 1/2 Mile
Higher

OK WELLS OKWR10000012305

| | | | |
|----------------------------|----------------|--------------------------------|-------------------------|
| Record ID: | 4412 | Permit #: | 20060542 |
| Permit Record Type: | Permit | Water Code: | Groundwater |
| Entity Name: | Dolese Bros Co | OWRB Permit Type: | Temporary |
| Primary Water Use Purpose: | Mining | Date Permit Application Filed: | 24-APR-06 |
| Date Permit Issued: | 12-FEB-08 | Hydrologic Unit Code: | Not Reported |
| Stream System ID: | Not Reported | Water Allocated to Permit: | 1690 acre-feet per year |

A4
ENE
1/4 - 1/2 Mile
Higher

OK WELLS OK7000000066410

| | | | |
|--------------------|---|----------------------|------------------|
| Well ID: | 100109 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Lee Rule |
| Elevation: | 0 | Water Use: | Irrigation |
| Total Well Depth: | 45 | Date to First Water: | 0 |
| Approximate Yield: | 15 | Construction Date: | 27-OCT-05 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=100109 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

5
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000974087

| | | | |
|------------------------|---------------------------------------|-----------------------------|------------------------------------|
| Organization ID: | USGS-OK | Organization Name: | USGS Oklahoma Water Science Center |
| Monitor Location: | 16N-04W-18 ABA 1 | Type: | Well |
| Description: | Not Reported | HUC: | 11050002 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | Not Reported | | |
| Formation Type: | Cimarron Terrace and Alluvial Aquifer | | |
| Aquifer Type: | Not Reported | Construction Date: | Not Reported |
| Well Depth: | 27.96 | Well Depth Units: | ft |
| Well Hole Depth: | Not Reported | Well Hole Depth Units: | Not Reported |

| | | | |
|---|--------------|---------------------|--------------|
| Ground water levels,Number of Measurements: | 1 | Level reading date: | 1985-05-22 |
| Feet below surface: | 6.03 | Feet to sea level: | Not Reported |
| Note: | Not Reported | | |

6
WNW
1/4 - 1/2 Mile
Higher

OK WELLS OK7000000103587

| | | | |
|--------------------|---|----------------------|------------------|
| Well ID: | 153654 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Henry Rodrigues |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 60 | Date to First Water: | 15 |
| Approximate Yield: | 20 | Construction Date: | 26-JUN-13 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=153654 | | |

A7
ENE
1/4 - 1/2 Mile
Higher

OK WELLS OK7000000080108

| | | | |
|--------------------|---|----------------------|------------------|
| Well ID: | 150817 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | David Heath |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 45 | Date to First Water: | 0 |
| Approximate Yield: | 16 | Construction Date: | 09-APR-13 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=150817 | | |

B8
NW
1/4 - 1/2 Mile
Higher

OK WELLS OK7000000029631

| | | | |
|------------|--------------|-------------|------------------|
| Well ID: | 31208 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Bruce Ligon |
| Elevation: | 0 | Water Use: | Domestic |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|--------------------|---|----------------------|--------------|
| Total Well Depth: | 36 | Date to First Water: | 6 |
| Approximate Yield: | 80 | Construction Date: | 03-MAR-94 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=31208 | | |

**B9
NW
1/4 - 1/2 Mile
Higher**

OK WELLS OK700000065715

| | | | |
|--------------------|---|----------------------|-------------------------------|
| Well ID: | 101427 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Shawnee Indian Health Service |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 50 | Date to First Water: | 0 |
| Approximate Yield: | 40 | Construction Date: | 01-APR-06 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=101427 | | |

**B10
NW
1/2 - 1 Mile
Higher**

OK WELLS OK700000091333

| | | | |
|--------------------|---|----------------------|------------------|
| Well ID: | 138727 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Bill Balding |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 60 | Date to First Water: | 15 |
| Approximate Yield: | 15 | Construction Date: | 20-SEP-11 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=138727 | | |

**11
East
1/2 - 1 Mile
Higher**

OK WELLS OK700000043713

| | | | |
|--------------------|---|----------------------|------------------|
| Well ID: | 38803 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | BRENT HERREN |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 42 | Date to First Water: | 20 |
| Approximate Yield: | 60 | Construction Date: | 08-MAY-96 |
| Aquifer Code: | Not Reported | Basin Code: | Not Reported |
| URL: | http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=38803 | | |

**12
NNW
1/2 - 1 Mile
Higher**

OK WELLS OK700000064076

| | | | |
|--------------------|--------------|----------------------|------------------|
| Well ID: | 94727 | Well Type: | Groundwater Well |
| Permit #: | Not Reported | Well Owner: | Neil Ridd |
| Elevation: | 0 | Water Use: | Domestic |
| Total Well Depth: | 80 | Date to First Water: | 0 |
| Approximate Yield: | 35 | Construction Date: | 05-MAY-05 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Code:

111CMRN

Basin Code:

1040

URL:

<http://www.owrb.ok.gov/wd/reporting/printreport.php?siteid=94727>

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

West
1/4 - 1/2 Mile

OIL_GAS OKOG20000193613

| | | | |
|-------------|--------------|-------------|-----------------|
| Fid: | 193612 | Api county: | 083 |
| Api number: | 22168 | Well name: | TWIN LAKES |
| Well no: | 1 | Oper name: | GLM ENERGY INC |
| Oper no: | 21301 | Status: | AC |
| Well class: | Not Reported | Operstatus: | OPEN |
| Countycode: | 083 | Meridan: | Indian |
| Section: | 18 | Township: | 16N |
| Range: | 4W | Quarter1: | NW4 |
| Quarter2: | SW4 | Quarter3: | NW4 |
| Quarter4: | SE4 | Feet ns: | 960 |
| Direct ns: | S | Feet ew: | 410 |
| Direct ew: | W | Latitude: | 35.865622 |
| Longitude: | -97.67247 | G elevatio: | 0 |
| D el: | 0 | Completion: | 1982-10-27 |
| Dept: | 0 | Site id: | OKOG20000193613 |

2

East
1/4 - 1/2 Mile

OIL_GAS OKOG20000193103

| | | | |
|-------------|--------------|-------------|-----------------|
| Fid: | 193102 | Api county: | 083 |
| Api number: | 21578 | Well name: | ZACHGO 18 |
| Well no: | 1 | Oper name: | GLM ENERGY INC |
| Oper no: | 21301 | Status: | AC |
| Well class: | Not Reported | Operstatus: | OPEN |
| Countycode: | 083 | Meridan: | Indian |
| Section: | 18 | Township: | 16N |
| Range: | 4W | Quarter1: | NE4 |
| Quarter2: | SE4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 660 |
| Direct ns: | S | Feet ew: | 1980 |
| Direct ew: | W | Latitude: | 35.86517 |
| Longitude: | -97.65855 | G elevatio: | 0 |
| D el: | 0 | Completion: | 0 |
| Dept: | 0 | Site id: | OKOG20000193103 |

3

NNE
1/4 - 1/2 Mile

OIL_GAS OKOG20000195555

| | | | |
|-------------|--------------|-------------|------------------------|
| Fid: | 195554 | Api county: | 083 |
| Api number: | 24223 | Well name: | MURRAY |
| Well no: | 2-7-18H | Oper name: | STEPHENS PRODUCTION CO |
| Oper no: | 23030 | Status: | AC |
| Well class: | Not Reported | Operstatus: | OPEN |
| Countycode: | 083 | Meridan: | IM |
| Section: | 7 | Township: | 16N |
| Range: | 4W | Quarter1: | SE |
| Quarter2: | SW | Quarter3: | SW |
| Quarter4: | SW | Feet ns: | 206 |
| Direct ns: | S | Feet ew: | 2464 |
| Direct ew: | E | Latitude: | 35.871731 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|------------|------------|-------------|-----------------|
| Longitude: | -97.664589 | G elevatio: | 960 |
| D el: | 979 | Completion: | 2014-02-06 |
| Dept: | 1190 | Site id: | OKOG20000195555 |

4

North
1/4 - 1/2 Mile

OIL_GAS OKOG20000197468

| | | | |
|-------------|--------------|-------------|------------------------------|
| Fid: | 197467 | Api county: | 083 |
| Api number: | 50046 | Well name: | OSWALD |
| Well no: | 1-7 | Oper name: | C & Y CASING PULLING COMPANY |
| Oper no: | 333 | Status: | AC |
| Well class: | OIL | Operstatus: | OPEN |
| Countycode: | 083 | Meridan: | Indian |
| Section: | 7 | Township: | 16N |
| Range: | 4W | Quarter1: | SW4 |
| Quarter2: | CSE4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 660 |
| Direct ns: | S | Feet ew: | 2014 |
| Direct ew: | W | Latitude: | 35.872421 |
| Longitude: | -97.66746 | G elevatio: | 961 |
| D el: | 0 | Completion: | 1964-06-22 |
| Dept: | 6851 | Site id: | OKOG20000197468 |

5

West
1/2 - 1 Mile

OIL_GAS OKOG20000166200

| | | | |
|-------------|--------------|-------------|----------------------|
| Fid: | 166199 | Api county: | 073 |
| Api number: | 00237 | Well name: | BOECKMAN |
| Well no: | 1 | Oper name: | OTC/OCC NOT ASSIGNED |
| Oper no: | 9998 | Status: | AC |
| Well class: | Not Reported | Operstatus: | Not Reported |
| Countycode: | 073 | Meridan: | Indian |
| Section: | 13 | Township: | 16N |
| Range: | 5W | Quarter1: | NE4 |
| Quarter2: | CSE4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 3300 |
| Direct ns: | S | Feet ew: | 4620 |
| Direct ew: | W | Latitude: | 35.865509 |
| Longitude: | -97.67631 | G elevatio: | 0 |
| D el: | 0 | Completion: | 1964-03-31 |
| Dept: | 0 | Site id: | OKOG20000166200 |

6

SE
1/2 - 1 Mile

OIL_GAS OKOG20000191486

| | | | |
|-------------|--------------|-------------|----------------------|
| Fid: | 191485 | Api county: | 083 |
| Api number: | 00698 | Well name: | MURRAY |
| Well no: | 1 | Oper name: | OTC/OCC NOT ASSIGNED |
| Oper no: | 9998 | Status: | PA |
| Well class: | Not Reported | Operstatus: | Not Reported |
| Countycode: | 083 | Meridan: | Indian |
| Section: | 18 | Township: | 16N |
| Range: | 4W | Quarter1: | SE4 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|------------|--------------|-------------|-----------------|
| Quarter2: | CSE4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 0 |
| Direct ns: | Not Reported | Feet ew: | 0 |
| Direct ew: | Not Reported | Latitude: | 35.857918 |
| Longitude: | -97.65855 | G elevatio: | 0 |
| D el: | 0 | Completion: | 1964-06-05 |
| Dept: | 0 | Site id: | OKOG20000191486 |

**7
NW
1/2 - 1 Mile**

OIL_GAS OKOG20000171323

| | | | |
|-------------|--------------|-------------|-----------------------------|
| Fid: | 171322 | Api county: | 073 |
| Api number: | 30209 | Well name: | MARTHENA MCCONNELL |
| Well no: | 1 | Oper name: | LINDENMUTH & ASSOCIATES INC |
| Oper no: | 15851 | Status: | AC |
| Well class: | Not Reported | Operstatus: | OPEN |
| Countycode: | 073 | Meridan: | Indian |
| Section: | 12 | Township: | 16N |
| Range: | 5W | Quarter1: | SE4 |
| Quarter2: | CSE4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 0 |
| Direct ns: | Not Reported | Feet ew: | 0 |
| Direct ew: | Not Reported | Latitude: | 35.872761 |
| Longitude: | -97.67631 | G elevatio: | 0 |
| D el: | 0 | Completion: | 1965-04-01 |
| Dept: | 0 | Site id: | OKOG20000171323 |

**8
ESE
1/2 - 1 Mile**

OIL_GAS OKOG20000191187

| | | | |
|-------------|--------------|-------------|-----------------|
| Fid: | 191186 | Api county: | 083 |
| Api number: | 00376 | Well name: | ZACHGO |
| Well no: | 1 | Oper name: | GLM ENERGY INC |
| Oper no: | 21301 | Status: | AC |
| Well class: | Not Reported | Operstatus: | OPEN |
| Countycode: | 083 | Meridan: | Indian |
| Section: | 17 | Township: | 16N |
| Range: | 4W | Quarter1: | SW4 |
| Quarter2: | CNW4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 660 |
| Direct ns: | N | Feet ew: | 660 |
| Direct ew: | W | Latitude: | 35.861571 |
| Longitude: | -97.65411 | G elevatio: | 0 |
| D el: | 0 | Completion: | 1964-09-28 |
| Dept: | 0 | Site id: | OKOG20000191187 |

**9
WSW
1/2 - 1 Mile**

OIL_GAS OKOG20000169828

| | | | |
|-------------|--------|-------------|---------|
| Fid: | 169827 | Api county: | 073 |
| Api number: | 23735 | Well name: | BOBCAT |
| Well no: | 1 | Oper name: | BLB INC |
| Oper no: | 15325 | Status: | AC |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|--------------|-------------|-----------------|
| Well class: | OIL | Operstatus: | OPEN |
| Countycode: | 073 | Meridan: | Indian |
| Section: | 13 | Township: | 16N |
| Range: | 5W | Quarter1: | SE4 |
| Quarter2: | NW4 | Quarter3: | Not Reported |
| Quarter4: | Not Reported | Feet ns: | 1980 |
| Direct ns: | S | Feet ew: | 660 |
| Direct ew: | W | Latitude: | 35.861883 |
| Longitude: | -97.68077 | G elevatio: | 960 |
| D el: | 0 | Completion: | 1986-01-15 |
| Dept: | 6960 | Site id: | OKOG20000169828 |

**10
East
1/2 - 1 Mile**

OIL_GAS OKOG20000192677

| | | | |
|-------------|--------------|-------------|-----------------|
| Fid: | 192676 | Api county: | 083 |
| Api number: | 21119 | Well name: | HERREN |
| Well no: | 1 | Oper name: | GLM ENERGY INC |
| Oper no: | 21301 | Status: | AC |
| Well class: | Not Reported | Operstatus: | OPEN |
| Countycode: | 083 | Meridan: | Indian |
| Section: | 17 | Township: | 16N |
| Range: | 4W | Quarter1: | NW4 |
| Quarter2: | NW4 | Quarter3: | SE4 |
| Quarter4: | SE4 | Feet ns: | 1497 |
| Direct ns: | S | Feet ew: | 1143 |
| Direct ew: | W | Latitude: | 35.867463 |
| Longitude: | -97.65244 | G elevatio: | 0 |
| D el: | 0 | Completion: | 1979-04-14 |
| Dept: | 5978 | Site id: | OKOG20000192677 |

**11
NNW
1/2 - 1 Mile**

OIL_GAS OKOG20000129132

| | | | |
|-------------|--------------|-------------|---------------------|
| Fid: | 129131 | Api county: | 051 |
| Api number: | 23079 | Well name: | GILBREATH |
| Well no: | 1 | Oper name: | TITAN RESOURCES LTD |
| Oper no: | 17662 | Status: | AC |
| Well class: | OIL | Operstatus: | OPEN |
| Countycode: | 051 | Meridan: | Indian |
| Section: | 13 | Township: | 7N |
| Range: | 5W | Quarter1: | NE4 |
| Quarter2: | S2 | Quarter3: | CS2 |
| Quarter4: | Not Reported | Feet ns: | 0 |
| Direct ns: | Not Reported | Feet ew: | 0 |
| Direct ew: | Not Reported | Latitude: | 35.8765 |
| Longitude: | -97.67514 | G elevatio: | 1341 |
| D el: | 0 | Completion: | 2003-02-10 |
| Dept: | 1040 | Site id: | OKOG20000129132 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

12
SW
1/2 - 1 Mile

OIL_GAS OKOG20000187749

| | | | |
|-------------|--------------|-------------|--------------------|
| Fid: | 187748 | Api county: | 081 |
| Api number: | 20961 | Well name: | PGBSU (J INGRAM#2) |
| Well no: | 1532 | Oper name: | LINN OPERATING INC |
| Oper no: | 22182 | Status: | AC |
| Well class: | WSW | Operstatus: | OPEN |
| Countycode: | 081 | Meridan: | Indian |
| Section: | 15 | Township: | 16N |
| Range: | 2E | Quarter1: | SE4 |
| Quarter2: | SW4 | Quarter3: | CSW4 |
| Quarter4: | Not Reported | Feet ns: | 330 |
| Direct ns: | S | Feet ew: | 330 |
| Direct ew: | W | Latitude: | 35.855409 |
| Longitude: | -97.67881 | G elevatio: | 955 |
| D el: | 0 | Completion: | 1993-04-30 |
| Dept: | 4620 | Site id: | OKOG20000187749 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: OK Radon

Radon Test Results

| Zipcode | Num Tests | # > 4 pCi/L | Maximum | Average |
|---------|-----------|-------------|---------|---------|
| 73044 | 16 | 1 | 4.5 | 1.718 |

Federal EPA Radon Zone for LOGAN 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: 73044

Number of sites tested: 1

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | 1.000 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | Not Reported | Not Reported | Not Reported | Not Reported |

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Reported Well Locations in Oklahoma

Source: Oklahoma Water Resources Board

Telephone: 405-530-8800

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Listing

Source: Oklahoma Corporation Commission

Telephone: 405-521-3636

Oil and gas well locations in the state.

Oil and Gas Well Listing

Source: Osage Nation Environmental and Natural Resources

Telephone: 918-287-5333

Oil and gas well locations.

RADON

State Database: OK Radon

Source: Department of Environmental Quality

Telephone: 405-702-5100

Radon Information

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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Twin Lakes Property

SH-33

Cashion, OK 73016

Inquiry Number: 7217970.3

January 05, 2023

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

01/05/23

Site Name:

Twin Lakes Property
SH-33
Cashion, OK 73016
EDR Inquiry # 7217970.3

Client Name:

CC Environmental LLC
P.O. Box 1292
Norman, OK 73070
Contact: Geoff Canty



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by CC Environmental LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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 # 9519-4B6F-BA51
PO # Dolese
Project Twin Lakes Property

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 #: 9519-4B6F-BA51

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

The Sanborn Library LLC Since 1866™

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17.4.2 User Questionnaire

PHASE I USER QUESTIONNAIRE

PROJECT NAME: Twin Lakes Land Swap

SITE LOCATION: Approximately 25.3 acres located in the
SE/4 NW/4 Section 18 Township 16N Range 4W EIM
Logan County, OK

The following questionnaire is required by the new ASTM Standard E-1527-21, which adheres to the All Appropriate Inquiries Rule, written into law on November 1, 2005 by the United States Environmental Protection Agency (EPA). 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 user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.

If needed, please use additional paper to explain your answers.

1. Environmental Liens Filed or Recorded Against the *Subject Property*

Did a search of *land title records* (or judicial records where appropriate, see **Note 1** below) identify any environmental liens filed or recorded against the *subject property* under federal, tribal, state, or local law?

Title work ordered.

Note 1-In certain jurisdictions, federal, tribal, state or local statutes, or regulations specify that *environmental liens* and *AULs* be filed in judicial records rather than in *land title records*. In such cases judicial records shall be searched for *environmental liens* and *AULs*.

2. Activity & Use Limitations that are in place on the *Subject Property*, or that have been Filed or Recorded Against the *Subject Property*.

Did a search of *land title records* (or judicial records where appropriate, see **Note 1** above) identify any *AULs*, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *subject property* and/or have been filed or recorded against the *subject property* under federal, tribal, state or local law?

Title work ordered.

3. Specialized Knowledge or Experience.

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

Yes.

4. Property Purchase Price Related to the Fair Market Value

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

Yes.

5. Commonly Known or Reasonably Ascertainable Information About the Subject Property.

Are you aware of commonly known or *reasonably ascertainable* information about the *subject property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?

No.

For example, as *user*:

a. Do you know the past uses of the *subject property*? _____

No.

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

No.

Do you know of spills or other chemical releases that have taken place at the *subject property*? _____

_____ No.

c. Do you know of any environmental cleanups that have taken place at the *subject property*? _____

_____ No.

6. Presence or Likely Presence of Contamination at the *Subject Property*.

Based on your knowledge and experience related to the *subject property* are there any obvious indicators that point to the presence or likely presence of releases at the *subject property*?_

_____ No.

7. Purpose of Phase I Site Assessment

Why is this Phase I Site Assessment being conducted (e.g., due diligence purposes, lender requirement, etc....)?

_____ Due diligence.

8. Current Owner Information

Please identify the current owner of the property: _____ Twin Lakes Sports Club
Association, Inc.

Owner's phone number: _____ Ron Walters (Point of Contact) 405-550-0386

This owner has owned the property since (date): _____ July 1, 1963 (Warranty Deed)

Type of property: _____ Wooded / River Bottom / Grazing Pasture

9. Identification of all Parties who will rely on this Phase I Report: _____

_____ Dolese Bros. Co.

10. Title Search

Has a Title Search been conducted for this property? _____ Yes.

If not, would you like us to provide one (out of scope, additional charge)? _____ No.

CERTIFICATION

I certify that the responses are accurate to the best of my knowledge.

Name: Dan Heidrick

Title: Exploration Supervisor

Company: Dolese Bros. Co.

Signature:  Date: 1-12-2023

17.4.3 OK Water Resources Board Records



theoklahomawaterresourcesboard

| | | | |
|---|--|--|---|
| Download Results to CSV <small>(ALT-D)</small> | New Search <small>(ALT-N)</small> | Graph Water Levels <small>(ALT-G)</small> | Save Wells for Graphing <small>(ALT-W)</small> |
|---|--|--|---|

[View Drought Monitoring Map and Water Level Graphs](#)

[Help & Search Results Key](#)

Search Results for 18, 16N, 04WI

Displaying Results 1 through 8 of 8.

| Well ID | County | Owner Name | Qtrs | SEC-TWP-RGE | Date Const | Well Type | Use | TD (ft) | Static WL | First Zone | Meas. WL | Est. Yld | WL Graph |
|---------|----------|-------------------------------|--------|-------------|------------|------------------|------------|---------|-----------|------------|----------|----------|--------------------------|
| 28754 | Logan | Twin Lake Sport Club | SEENW | 18-16N-04WI | 03/17/92 | Groundwater Well | Industrial | 40 | n/a | 11.9 | n/a | 150 | <input type="checkbox"/> |
| 31208 | Logan | Bruce Ligon | NWNWNW | 18-16N-04WI | 03/03/94 | Groundwater Well | Domestic | 36 | 6 | 6 | n/a | 80 | <input type="checkbox"/> |
| 94718 | Logan | Paul Cummings | SWNENW | 18-16N-04WI | 05/31/05 | Groundwater Well | Domestic | 43 | n/a | n/a | n/a | 25 | <input type="checkbox"/> |
| 101427 | Logan | Shawnee Indian Health Service | NWNWNW | 18-16N-04WI | 04/01/06 | Groundwater Well | Domestic | 50 | n/a | n/a | n/a | 40 | <input type="checkbox"/> |
| 100109 | Garfield | Lee Rule | SWNE | 18-16N-04WI | 10/27/05 | Groundwater Well | Irrigation | 45 | 10 | n/a | n/a | 15 | <input type="checkbox"/> |
| 150817 | Logan | David Heath | SWNE | 18-16N-04WI | 04/09/13 | Groundwater Well | Domestic | 45 | n/a | n/a | n/a | 16 | <input type="checkbox"/> |
| 138727 | Logan | Bill Balding | NWNWNW | 18-16N-04WI | 09/20/11 | Groundwater Well | Domestic | 60 | 15 | 15 | n/a | 15 | <input type="checkbox"/> |
| 153654 | Logan | Henry Rodriques | SWNWNW | 18-16N-04WI | 06/26/13 | Groundwater Well | Domestic | 60 | 15 | 15 | n/a | 20 | <input type="checkbox"/> |

Help & Search Results Key

This search does not necessarily contain information about all of the water wells within the area of interest. The multi-purpose well completion report database consists of information submitted to the Board for all well data reported by licensed firms since 1982 and monitoring well data reported since 1988. There could be other wells in the area, which are not included in our database. Wells drilled prior to the licensing requirements for well drillers would not necessarily have had a well log submitted to the OWRB. A field survey may need to be conducted to verify the presence or absence of other water wells.

The Oklahoma Water Resources Board does not guarantee the accuracy of the data shown in the well completion records. Data entered into the database are as reported by the well drillers and much of the data have not been field verified for accuracy. If any errors in the records are discovered, please bring them to our attention so that corrections to the database may be made.

[contact OWRB](#) | [disclaimer](#)

[Visit OK.gov](#), the Official Website of the State of Oklahoma.

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17.4.4 OK Corporation Commission (OCC) Records

17.4.4a OCC – Storage Tank Records

(Note: no OCC-PST records identified/associated with the Property.)

17.4.4b OCC – Oilfield Records & Pipeline Mapper



Basic Well Information

[Home](#)

API Number

Operator Name Operator No. Legal Location

Well Name Well No. Quarters

County Code Surface Footages

OG Well Status Class Latitude Longitude

Effective Date Dist. Elevation

[Permits](#) [Completions](#) [Production](#) [All Images](#)

Legal Location example: 0711N10E or 1201N24ECM
 Check to exclude ECM Legal Locations

API # example: 00724967

Well Name example: "Hudson 1-12" or "hudson"

Operator # example: 01701-0 or 01701

District # example: 1

Effective/Approved Date to example: 1/1/2001 or 1/1/2001 to 1/31/2001

Scan Date to example: 1/1/2001 or 1/1/2001 to 1/31/2001

Type in your search criteria then click the 'Search' button.

Page 1 of 1 4 Documents Found

| ID | Form | Legal_Location | API | Well_Name | Operator_# | Eff/Test_Date | ScanDate |
|-------------------------|-------|----------------------|----------|--------------|------------|---------------|------------|
| 1762465 | 1073 | 1816N04W | 08322168 | TWIN LAKES 1 | | 10/15/2004 | 10/18/2004 |
| 3202806 | 1073 | 1816N04W | 08322168 | TWIN LAKES 1 | | 4/17/2007 | 4/24/2007 |
| 1293281 | 1002A | 1816N04W NW4 SW4 NW4 | 08322168 | TWIN LAKES 1 | | 10/27/1982 | 12/30/1999 |
| 1293283 | 1002A | 1816N04W NW4 SW4 NW4 | 08322168 | TWIN LAKES 1 | | 10/27/1982 | 12/30/1999 |

[Home](#)

