



PHASE I ENVIRONMENTAL SITE ASSESSMENT

Vanguard Injection Site
Poindexter Road and Brickhouse Road
Zion Crossroads, Louisa County, Virginia

Report Issuance Date: April 9, 2025
Report Viability Date: September 24, 2025



Prepared for:
Bohler, LLC
9100 Arboretum Parkway Suite 140
Richmond, Virginia 23236
Attn: Mr. Brian Miller

Prepared by:
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GTA Project Number: 31250734

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing Geoprofessional Business Association Member Firm



April 9, 2025

Bohler, LLC

9100 Arboretum Parkway Suite 140
Richmond, Virginia 23236

Attn: Mr. Brian Miller

Re: Phase I Environmental Site Assessment
Vanguard Injection Site
Poindexter Road and Brickhouse Road
Zion Crossroads, Louisa County, Virginia

Dear Mr. Miller:

Geo-Technology Associates, Inc. (GTA) has performed a Phase I Environmental Site Assessment (ESA) of the above referenced property. The subject property consists of approximately 5.6 acres located at the intersection of Poindexter Road and Brickhouse Road, Zion Crossroads, Louisa County, Virginia (the "subject property"). The subject property primarily consists of a grassed natural gas pipeline easement, wooded land, and a portion of a graded stone parking area associated with the southeast-adjacent Louisa Compressor Station. GTA understands that the subject property is planned to be developed with a natural gas metering and regulating station.

We appreciate the opportunity to be of assistance on this project. Should you have any questions regarding this information, or should you require additional information, please contact the undersigned at your convenience.

Sincerely,

GEO-TECHNOLOGY ASSOCIATES, INC.

Jared W. Rose, P.G.
Project Scientist

Andrew S. Hendricks, P.G., L.R.S.
Vice President

JWR/BMM/ASH

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1.0 EXECUTIVE SUMMARY

Geo-Technology Associates, Inc. (GTA) has performed a Phase I Environmental Site Assessment (ESA) of the Vanguard Injection Site (the "subject property"). This ESA was performed in general accordance with ASTM International (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-21)*.

This *Executive Summary* is limited in scope and detail and is presented for the convenience of the reader. Do not rely on this *Executive Summary* for any purpose except that for which it was prepared. Please refer to the full report for details concerning the environmental condition of the subject property, as well as the scope and limitations of this ESA. Rely only on the full report for information about the findings, recommendations, and other concerns.

The subject property consists of approximately 5.6 acres located at the intersection of Poindexter Road and Brickhouse Road, Zion Crossroads, Louisa County, Virginia. The subject property primarily consists of a grassed natural gas pipeline easement, wooded land, and a graded stone parking area associated with the southeast-adjacent Louisa Compressor Station. GTA understands that the subject property is planned to be developed with a natural gas metering and regulating station. Historically, the subject property has consisted of wooded land and the natural gas pipeline easement from at least 1949.

The surrounding region has currently and historically consisted predominantly of scattered residences, farms, and open and wooded land. Environmental regulatory resources identified one regulatory site within the ASTM search distances on the specified databases. No environmental violations or documented releases of petroleum or hazardous substances were identified at the facility. Therefore, it is unlikely the regulatory site has adversely impacted the subject property.

This assessment has revealed no recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), or significant data gaps in connection with the subject property.

Although not considered a REC at this time, GTA observed a debris pile consisting of primarily concrete and metal scrap near the southwestern property boundary. GTA recommends the debris be removed from the subject property and properly disposed prior to or during site development.

2.0 INTRODUCTION

2.1 General

GTA was retained by Bohler, LLC ("Client" or "User") to prepare a Phase I Environmental Site Assessment, in general conformance with ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-21* of the subject property in accordance with our Agreement.



This report was prepared by GTA for the sole and exclusive use of the Client. Use and reproduction of this report by any other party without the express written permission of GTA is unauthorized, and such use is at the sole risk of that party.

2.2 Purpose

The purpose of this report is to identify RECs in connection with the subject property, using the methodology defined by ASTM International in order for a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser defenses to CERCLA liability and/or to help understand potential environmental conditions that could materially impact the operation of the business associated with the subject property. ASTM International defines a REC and related terms as follows:

Recognized Environmental Condition (REC): “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to 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.”

Historical REC (HREC): “a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).”

Controlled REC (CREC): “a recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).”

De minimis condition: “a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.”

2.3 Scope of Services

This ESA was performed and this report was prepared in general accordance with applicable standards and with a review of reasonably ascertainable data, as set forth in the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-21)*. The scope of services for this Phase I ESA generally included the following:

Records Review – Review of reasonably ascertainable current and historical records for the subject property and site vicinity, which may include a regulatory database report summarizing Federal and State environmental agency records; aerial photography; street directories; Sanborn® Fire Insurance Maps; property tax files; chain of title information for the subject property (if provided by the Client or subject property owner); physical setting documentation; and previous environmental reports.

Site Reconnaissance – Non-intrusive visual observations of the subject property for indications of hazardous substances, petroleum products, ASTs, USTs, groundwater monitoring wells, polychlorinated biphenyl (PCB)-containing equipment, stained soil, stressed vegetation, pits, ponds, lagoons, structures, utilities, access roads, and similar features of potential environmental concern.

Interviews – Interviews (in person, via telephone, or via written request) with, but not limited to, relevant regulatory authorities and present and past subject property owners, operators, or occupants, where relevant.

Report – Preparation of a Phase I ESA Report summarizing the information collected.

Considerations that were not reviewed as part of this ESA, and that are considered non-scope issues by ASTM E1527-21 and/or otherwise beyond the scope of this assessment, include, but are not limited to, asbestos-containing building materials (ACMs), radon, lead-based paint (LBP) in buildings, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality unrelated to subsurface releases of hazardous substances or petroleum products, biological agents, mold, water potability issues (e.g., nitrates, pH, turbidity, coliforms, etc.), substances not defined as either petroleum products or hazardous substances by ASTM E1527-21 (e.g., methane, emerging contaminants, and substances under naturally occurring conditions such as arsenic), universal building wastes (e.g., mercury-containing switches or bulbs, PCB-containing light ballasts), and high voltage power lines.

2.4 Limitations

GTA's conclusions regarding the subject property have been based on observations of existing conditions at the time of the site reconnaissance, an interpretation of reasonably ascertainable historical data sources, and environmental data. Therefore, conclusions reached regarding the conditions of this site do not represent a warranty that all areas within the site are of a similar quality as may be inferred from observable site conditions, reasonably ascertainable historical data sources, or environmental data. Please be advised that as stated in the ASTM E1527-21 Standard, no environmental site assessment can wholly eliminate uncertainty regarding the potential for environmental liability in connection with the subject property. GTA's evaluation and analysis are intended to reduce, but not eliminate, the potential for conditions that result in liability for the Client.

Please be advised that ASTM indicates that a Phase I ESA completed less than 180 days prior to the date of the property transaction is presumed to be valid. To satisfy the ASTM E1527-21 Standard, ESAs completed more than 180 days prior to the date of the property transaction are required to be



updated. For reference, the dates of these critical components and the Report Viability Date (180 days from the earliest critical component) are summarized below.

| Component | Date Completed |
|--|--------------------|
| Interviews | April 1, 2025 |
| Regulatory Records Review | March 28, 2025 |
| Site Reconnaissance | April 2, 2025 |
| Declaration by the Environmental Professional | April 9, 2025 |
| Report Viability Date (180 days from earliest item) | September 24, 2025 |

The following limiting conditions/deviations should be noted with respect to this Phase I ESA. These limiting conditions/deviations are not necessarily exceptions to the ASTM E1527-21 Standard.

- In preparing this report, GTA has relied on certain information provided by federal, state, and local officials and other parties referenced herein, and on information contained in the files of governmental agencies, that were readily available to GTA at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, GTA did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment.
- Observations were made of the subject property and of the structures (if present) on the subject property as indicated in this report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, GTA renders no opinion as to the presence of petroleum products or hazardous substances in that portion of the subject property and structure. In addition, GTA renders no opinion as to the presence of petroleum products or hazardous substances where direct observation of the ground surface, interior walls, floors, ceiling, or a structure is obstructed by objects or materials, including vegetation and snow, covering these surfaces.
- The subject property boundaries were not marked at the time of GTA's site visit. GTA estimated the subject property boundaries using existing site features, the tax map information described in Section 3.1, aerial photographs, and/or site plans, if available.
- As part of this assessment, GTA submitted requests for information via the Freedom of Information Act (FOIA) to various governmental agencies. As of the preparation date of this report, these requests may not have been fulfilled. The conclusions of this report are subject to change upon receipt of a response from these FOIA requests.
- As part of this assessment, GTA requested information from the current subject property owner, the Client, and other entities. As of the preparation date of this report, these requests may not have been fulfilled. The conclusions of this report are subject to change upon receipt of a response from these entities.

2.5 Significant Assumptions

As part of this ESA, GTA has obtained data from various sources (e.g., historical documents, regulatory information, site drawings, interviews with individuals familiar with the site and regulatory representatives). GTA relies on this information in forming a professional opinion and assumes that the information is accurate and correct. GTA shall not be responsible for conditions or consequences arising from incorrect data sources or relevant facts that were concealed, withheld or not fully disclosed at the time this report was prepared. Unless otherwise noted, GTA assumes that the user has requested this Phase I ESA to qualify for a “landowner liability protection” (LLP) to CERCLA liability.

Groundwater flow and depth, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, are inferred from contour information depicted on the USGS topographic map(s).

GTA assumes the subject property has been correctly and accurately identified by the Client, designated representative of the Client, subject property contact, subject property owner, and subject property owner's representatives.

A number of parties such as third-party vendors, government agencies, and the subject property owner may have provided information for this assessment. The ASTM E1527-21 Standard allows the consultant to rely on the information gathered without independent verification, unless it is obvious that certain information is incorrect. Unless noted in the report, GTA assumed the information supplied by third parties to be correct.

2.6 Data Gaps

ASTM defines a “data gap” as a lack of or inability to obtain information required by the Phase I ESA standard despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the Phase I ESA, including, but not limited to, the site reconnaissance and interviews. Common data gaps include the lack of access to some structures, an inability to interview key site managers, and time gaps in the historical use information. Significant data gaps are those that affect the ability of the environmental professional to identify RECs. Significant data gaps were not identified as part of this ESA.

2.7 Qualifications

I, Jared W. Rose, P.G., declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Part 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the “All Appropriate Inquiries” in general conformance with the standards and practices set forth in 40 CFR Part 312. The qualifications of the environmental professionals who performed this Phase I ESA are available to the Client upon request.



3.0 SITE AND VICINITY DESCRIPTION

3.1 Site Location, Parcel Description, and Site Improvements

The subject property is located at the intersection of Poindexter Road and Brickhouse Road in Zion Crossroads, Louisa County, Virginia. The subject property primarily consists of a grassed natural gas pipeline easement, wooded land, and a portion of a graded stone parking area associated with the southeast-adjacent Louisa Compressor Station. Please refer to the Site Sketch and maps provided within Appendix A. According to online tax information obtained from Louisa County, the subject property comprises the parcel summarized in the following table:

| Parcel | Owner | Address | Land Area (Acres) |
|--------|-------------------------------|--|-------------------|
| 37 44 | Columbia Gas Transmission LLC | Address not assigned (Intersection of Poindexter Road and Brickhouse Road) | 5.6 |

GTA was provided with a copy of a *Prop Concept Plan* of Vanguard Injection Site, prepared by Bohler, LLC and dated January 15, 2025. The plan depicts a natural gas pipeline easement and does not identify structures on the subject property. The plan indicates that the subject property is proposed to be developed with a natural gas metering and regulating station.

3.2 Physical Setting

The subject property's physical setting, based on the site reconnaissance and/or the referenced physical setting sources, is summarized below.

| | |
|---|---|
| Soils | Source: U.S. Department of Agriculture (USDA) Web Soil Survey |
| GTA reviewed the soil survey for indications of features of potential environmental concern, including pits, mines, quarries, urban land, etc. No features of potential environmental concern were identified during the review. | |
| Topography | Source: United States Geological Survey (USGS) Topographic Quadrangle Map |
| Generally level to gently sloping downward to the east. | |
| Geology, Hydrogeology, and Surface Water | Source(s): Virginia Division of Mineral Resources <i>Geologic Map of Virginia</i> (1993) |
| <p><i>Physiographic Province:</i> Piedmont</p> <p><i>Formation(s):</i> Metagraywacke, Quartzose Schist, and Melange: Metagraywackes are quartzose chlorite or biotite schists containing very fine to coarse granules of blue quartz.</p> <p><i>Groundwater Flow Direction:</i> Based on the observed and/or mapped local topography, the shallow groundwater is assumed to flow generally to the east. Shallow groundwater flow may be highly variable based on a number of factors and no site-specific groundwater flow data was obtained or reviewed.</p> <p><i>Surface Water:</i> No surface water features were observed on the subject property.</p> | |

4.0 SITE RECONNAISSANCE

Jared Rose, P.G., of GTA performed the site reconnaissance on April 2, 2025. GTA personnel were unaccompanied during the site reconnaissance. Limitations that may have affected GTA's ability to visually observe subject property conditions are noted below.

| Limitation | Yes | No | Description |
|-----------------------------------|-------------------------------------|-------------------------------------|---|
| Dense Vegetation | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Portions of the subject property were densely vegetated, limiting GTA personnel's observations. |
| Locked or Inaccessible Structures | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Snow Cover | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Other | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |

4.1 Site Description

The subject property primarily consists of a grassed natural gas pipeline easement, wooded land, and a graded stone parking area associated with the southeast-adjacent Louisa Compressor Station. Photographs taken during GTA's site visit are presented as Appendix B.

4.2 Site Conditions

The following table summarizes the site reconnaissance observations.

| Category | Item Description | Observed | |
|------------------------------------|---|-------------------------------------|-------------------------------------|
| | | Yes | No |
| Storage Tanks and Vessels | Aboveground Storage Tanks | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Underground Storage Tanks | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Chemical or Waste Storage/Disposal | Drums or Other Containers | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Floor Drains, Trenches, Sumps, and Pits | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Oil/Water Separator | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Waste Lagoons | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Electrical Transformers/PCBs | Pole-mounted Transformers | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Pad-Mounted Transformers | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Elevators | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Other Equipment | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Solid Waste and Stockpiles | Landfilling or Buried Waste | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Dumping or Disposal/Debris Areas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Dumpsters | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Fill Material | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Soil Stockpiles | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Known or Suspected | Stained Soil | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Category | Item Description | Observed | |
|---|------------------------------------|-------------------------------------|-------------------------------------|
| | | Yes | No |
| Release of Hazardous Substances or Petroleum Products | Stained Pavement or Other Surfaces | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Stressed Vegetation | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Pools of Liquids | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Other | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Other Subject Property Features | Monitoring Wells | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Hydraulic Lifts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Pungent or Noxious Odors | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Petroleum Pipeline (i.e., Markers) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Other | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Dumping or Disposal/Debris Areas: GTA personnel observed a debris pile near the southwestern property boundary. The debris piles consisted primarily of concrete and metal scrap, and empty paint cans. No obvious evidence of a release of petroleum or hazardous substances were observed in the vicinity of the debris pile.

Other: GTA personnel observed markers for three natural gas pipelines in the easement area of the subject property. According to the subject property owner's representative these pipelines were installed in 1949 and are currently in use. No obvious evidence of a release of petroleum or hazardous substances was observed in association with the natural gas pipelines.

4.3 Surrounding Land Use

During the site reconnaissance, GTA personnel observed, to the extent practical, conditions on the properties adjoining the subject property and in the surrounding vicinity. General property uses, including gasoline stations, dry cleaners, landfills, and/or similar sites of known environmental concern, if identified, are summarized in the following table.

| Direction | Surrounding Observations |
|-----------|---|
| North | Adjoining: Brickhouse Road followed by a residence and agricultural land. Remaining Surrounding Vicinity: residential and agricultural land. |
| South | Adjoining: wooded land. Remaining Surrounding Vicinity: wooded and open land. |
| East | Adjoining: Louisa Compressor Station and wooded land. Remaining Surrounding Vicinity: wooded and open land and residences. |
| West | Adjoining: Poindexter Road and wooded land. Remaining Surrounding Vicinity: Poindexter Road, a church, residences and open and wooded land. |

5.0 HISTORICAL RECORDS REVIEW

The historical use of the subject property and surrounding properties are summarized in the following sections based on a review of the historical records listed below. Copies of the 1958 and 2023 aerial photographs are included in Appendix A.

| Source | Years Reviewed |
|---|--|
| Historical Topographic Maps (NETR Online, USGS) | 1949, 1956, 1961, 1962, 1969, 1970, 1972, 1977, 1978, 1982, 1986, 1987, 1991, 2010, 2013, 2016, 2019, 2022 |
| Historical Aerial Photographs (NETR Online, Google) | 1958, 1959, 1969, 1984, 1994, 2002, 2003, and 2007 to 2023 (most years) |
| Historical Sanborn Maps (Appendix C) | None available |
| City Directories (Appendix C) | Based on the availability of other historical resources summarized herein, and the history of the subject property and surrounding vicinity as identified through review of those resources, no city directories were reviewed as part of this assessment. |

5.1 Historical Subject Property Use

A summary of the historical use of the subject property is described below.

| Dates | Uses | Source(s) |
|---------------|---|--------------------------------------|
| Prior to 1958 | Wooded land. | Topographic Maps |
| 1958-2016 | Wooded land with a natural gas pipeline easement. | Aerial Photographs, Topographic Maps |
| 2016-2023 | A graded stone parking area is constructed on the southern portion of the subject property. | Aerial Photographs, Topographic Maps |

5.2 Historical Adjoining Property & Surrounding Vicinity Use

A summary of the historical use of adjoining properties and the surrounding vicinity is described below.

| Direction | Adjoining Property Uses |
|-----------|---|
| North | 1949-2023: Brickhouse Road followed by a residence and agricultural land. |
| South | 1949-1972: wooded land 1972-2023: Louisa Compressor Station |
| East | 1949-1987: wooded land. 1982-2023: residence and wooded land |

| Direction | Adjoining Property Uses |
|-----------|---|
| West | 1949-1956: cleared and wooded land 1958-1959: a small farm structure, a church, and wooded land followed by Agricultural fields 1961- 2023: Wooded land followed by Poindexter Road, a church, residences, and agricultural land. |

5.3 Property Title Information

GTA was not supplied with chain of title documentation concerning the subject property.

6.0 USER-PROVIDED INFORMATION AND INTERVIEWS

GTA requested that the User complete a User Questionnaire. The User returned the questionnaire (Appendix D) indicating the following:

| User's Knowledge | Yes | No |
|---|--------------------------|-------------------------------------|
| Environmental liens that are filed or recorded against the subject property. <i>Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the subject property under federal, tribal, state, or local law?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Activity and use limitations (AULs) that are in place on the subject property or that have been filed or recorded against the subject property. <i>Did a search of recorded land title records (or judicial records where appropriate) 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?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Specialized knowledge or experience of the person seeking to qualify for Landowner Liability Protection. <i>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?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Relationship of the purchase price to the fair market value of the subject property if it were not contaminated. <i>Do you have reason to believe that the purchase price of the subject property is lower than the fair market value due to the known or suspected presence of contamination?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Commonly known or reasonably ascertainable information about the subject property (40 CFR 312.30). <i>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? For example,</i> a) <i>Do you know the past uses of the property?</i> b) <i>Do you know of specific chemicals that are present or once were present at the property?</i> c) <i>Do you know of spills or other chemical releases that have taken place at the property?</i> d) <i>Do you know of any environmental cleanups that have taken place at the property?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The degree of obviousness of the presence or likely presence of contamination at the subject property, and the ability to detect the contamination by appropriate investigation. <i>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?</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GTA provided the Client with a User Questionnaire regarding their knowledge of environmental concerns associated with the subject property. A response from the Client is pending at this time. If such information is received at a later date and materially alters the findings of this ESA, GTA will submit an addendum to the Client. A blank copy of GTA's User Questionnaire is included in Appendix D.

6.1 Title and Judicial Records for Environmental Liens/Activity and Use Limitations

Per ASTM E1527-21 Section 6.2, the User is required to provide and/or report to the environmental professional any title and judicial records for environmental liens/activity and use limitations (AULs) associated with the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of recorded land title records and judicial records for environmental liens or AULs.

Title records and information were not provided to GTA by the User. The User did not request GTA to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

6.2 Interviews

GTA submitted an Environmental Questionnaire to a representative of the subject property owner regarding their knowledge of the historical uses of the subject property and potential environmental concerns. On April 1, 2025, GTA received the Environmental Questionnaire, which was completed by Mr. Cedric Kline, a representative of Columbia Gas Transmission LLC. In addition, GTA performed a follow-up interview with Mr. Kline on April 3, 2025.

He indicated that he has been familiar with the subject property for 35 years and that the property is currently developed with a natural gas easement containing three natural gas pipelines. According to Mr. Kline the pipelines were constructed in 1949 and are currently in use. Mr. Kline was unaware of current or former structures associated with the subject property. In addition, Mr. Kline indicated that he was unaware of the following potential environmental concerns currently or formerly associated with the subject property:

- USTs, ASTs, or drums used for storage of petroleum products or hazardous substances;
- applications of pesticides or fertilizers;
- contaminated fill or soil stockpile placement;
- landfilling or buried waste;
- previous industrial land uses; or
- environmental liens.

Mr. Kline indicated that he was unaware of significant soil or groundwater contamination associated with the surrounding properties. A copy of the Environmental Questionnaire completed by Mr. Kline is included in Appendix D.



6.3 Previous Reports

GTA requested copies of previous ESAs or similar environmental reports from the Client and Mr. Kline. According to the Client and Mr. Kline, no previous ESAs or similar environmental reports were available for the subject property.

7.0 REGULATORY REVIEW

7.1 Regulatory Database Search

GTA retained EDR to perform a search of federal, state, and tribal environmental regulatory agency databases for sites identified within the approximate minimum search distance specified by ASTM *Standard Practice for Environmental Site Assessments E1527-21*. A copy of the regulatory database report, dated March 28, 2025, is provided in Appendix E. The regulatory database report also includes a list of unmapped sites, which were not plotted in the regulatory database report due to insufficient address and/or geographic coordinate information.

GTA attempted to field-verify the locations of the identified regulatory sites. GTA also reviewed the list of unmapped sites and based on the descriptions provided, attempted to verify if any are located within the specified search radii. Therefore, the sites discussed in this section may be a subset of those contained in the regulatory database report. The two tables below summarize the ASTM Standard regulatory databases that were searched, followed by GTA's summary of the results.

GTA's review of the identified regulatory sites was performed using the ASTM search distances; however, GTA's summary of the identified regulatory sites provided below may be limited to distances that are less than the ASTM standard search distances considering local geologic or hydrogeologic conditions, the density of the identified regulatory sites, the availability of public water, or other factors.

Note that the regulatory database report may include various records that are not specifically required by the ASTM Standard. If non-ASTM databases are considered relevant to this Phase I ESA, they are discussed later in this section.

| FEDERAL DATABASES SEARCHED BY EDR | | |
|-----------------------------------|--|----------------------|
| Database | Description | ASTM Search Distance |
| NPL | National Priority List. Subset of CERCLIS. Sites for priority cleanup under the Superfund program. | 1 mile |
| Delisted NPL | Delisted National Priority List sites | ½ mile |
| SEMS | Superfund Enterprise Management System (formerly CERCLIS). Sites that are proposed for or on the NPL, or in the screening or assessment phase for possible inclusion on the NPL. | ½ mile |

| FEDERAL DATABASES SEARCHED BY EDR | | |
|-----------------------------------|---|---|
| Database | Description | ASTM Search Distance |
| SEMS-ARCHIVE | Formerly CERCLIS NFRAP. Archived SEMS sites with a status of No Further Remedial Action Planned (NFRAP), denoting sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. The NFRAP status does not necessarily indicate that no environmental concerns are present. | ½ mile |
| RCRA COR | Hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity. | 1 mile |
| RCRA TSD | Resource Conservation and Recovery Information System, hazardous waste Treatment, Storage, and Disposal Facilities. | ½ mile |
| RCRA SQG/LQG | RCRA sites that are hazardous waste small or large quantity generators. | Subject Property and adjoining properties |
| IC/EC | Institutional Controls or Engineering Controls maintained for the purpose of tracking sites that may contain residual contamination and activity and use limitations. | Subject Property |
| ERNS | Emergency Response Notification System. Information on releases of oil and hazardous substances. | Subject Property |

| STATE & TRIBAL DATABASES SEARCHED BY EDR | | |
|--|---|---|
| Database | Description | ASTM Search Distance |
| SHWS | State Hazardous Waste Sites, which is the state equivalent to CERCLIS. | ½ mile |
| SWF/LF | Solid Waste Acceptance Facilities/Landfills, which may include active or inactive facilities, landfills, or open dumps. | ½ mile |
| UST/AST | Registered underground and aboveground storage tank sites. | Subject Property and adjoining properties |
| LUST/LAST UNREG LTANKS | Leaking registered or unregistered storage tanks incident reports contain an inventory of reported leaking AST/UST incidents. | ½ mile |
| Brownfield | Brownfields or voluntary cleanup program sites | ½ mile |
| IC/EC | Equivalent to Federal IC/EC Registries. | Subject Property |

7.1.1 Subject Property Databases

The regulatory database report did not identify regulatory listings that appear to correspond to the subject property.

7.1.2 Surrounding Properties Databases

The regulatory database report identified the following regulatory sites located within the ASTM search distances.

| RESULTS SUMMARY | | | |
|--|--------------------------|--|--|
| Site Description | Database | Details | Approximate Distance/Direction from Subject Property |
| Columbia Gas Transmission – Louisa Compressor Station 120 Brickhouse Road | AST RCRA-VSQG ECHO | Three 1,000-gallon lube oil USTs, two currently in use one dismantled in 1998. Very Small Quantity Generator of multiple hazardous wastes. No releases or violations associated with the site. | Adjacently east |

The Columbia Gas Transmission – Louisa Compressor facility, located adjacently south and topographically cross-gradient of the subject property, was identified on the Aboveground Storage Tanks (AST), Resource Conservation and Recovery Act – Very Small Quantity Generator (RCRA-VSQG), and ECHO databases. The provided information indicates one 1,000-gallon lube oil UST was installed in 1990 and removed from service in 1998. Two more 1,000-gallon lube oil ASTs were installed onsite in 1998 and 2018 respectively and are currently in use. No LAST or spills listings were identified in the regulatory database report for the facility. The facility was also identified as a very small quantity generator of multiple hazardous wastes, including ignitable, corrosive and reactive waste, various heavy metals, and spent halogenated solvents. No violations or documented releases of petroleum or hazardous substances were identified in association with the facility. Therefore, it is unlikely the Columbia Gas Transmission – Louisa Compressor facility has adversely impacted the subject property.

7.2 Supplemental Databases Reviewed

On March 4, 2025, GTA reviewed the VDEQ Environmental Data Mapper (EDM) website to identify potential storage or releases of petroleum-based products or hazardous substances on the subject property. The VDEQ EDM website identifies registered tank facilities, petroleum release sites, Virginia Voluntary Remediation Program (VRP) sites, Pollution Response Program (PREP) sites, and solid waste sites in the Commonwealth of Virginia. The subject property was not identified on the searched databases. Adjoining sites and other regulatory sites were identified in the surrounding vicinity consistent with the information provided in the regulatory database report as described in Section 7.1.

7.3 Local Regulatory Agency Review

GTA submitted written inquiries to regulatory agencies concerning potential environmental issues associated with the subject property as summarized in the table below. Copies of GTA's written inquiries and agency responses are included in Appendix D.

| Agency | Request | Agency Response | Summary |
|-------------------------------------|------------------------------|-------------------|--|
| Louisa County | Electronic Request 3/31/2025 | Email on 4/3/2025 | An agency representative indicated that no records were identified for the subject property. |
| Virginia Department of Health (VDH) | Electronic Request 3/31/2025 | Email on 4/1/25 | An agency representative indicated that no records were identified for the subject property |
| NCDEQ | Electronic Request 3/31/2025 | Pending | A response from the NCDEQ is pending at this time. If such information is received at a later date and materially alters the findings of this assessment, GTA will submit an addendum to the Client. |

8.0 FINDINGS AND CONCLUSIONS

The subject property consists of approximately 5.6 acres located at the intersection of Poindexter Road and Brickhouse Road, Zion Crossroads, Louisa County, Virginia. The subject property primarily consists of a grassed natural gas pipeline easement, wooded land, and a graded stone parking area associated with the southeast-adjacent Louisa Compressor Station. GTA understands that the subject property is planned to be developed with a natural gas metering and regulating station. Historically, the subject property has consisted of wooded land and the natural gas pipeline easement from at least 1949.

The surrounding region has currently and historically consisted predominantly of scattered residences, farms, and open and wooded land. Environmental regulatory resources identified one regulatory site within the ASTM search distances on the specified databases. No environmental violations or documented releases of petroleum or hazardous substances were identified at the facility. Therefore, it is unlikely the regulatory site has adversely impacted the subject property.

GTA has performed this Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-21 of the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no RECs, CRECs, or significant data gaps in connection with the subject property.

Although not considered a REC at this time, GTA observed a debris pile consisting of primarily concrete and metal scrap near the southwestern property boundary. GTA recommends the debris be removed from the subject property and properly disposed prior to or during site development.

Important Information about This Geoenvironmental Report

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

Beware of Change; Keep Your Geoenvironmental Professional Advised

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

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

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

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

Recognize the Impact of Time

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

Prepare To Deal with Unanticipated Conditions

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

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

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

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

Do Not Permit Any Other Party To Rely on the Report

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

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care. Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for “exculpatory clauses,” that is, provisions whose purpose is to transfer one party’s rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not “boilerplate.”* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in the Geoprofessional Business Association exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your GBA-member geoenvironmental professional for more information.



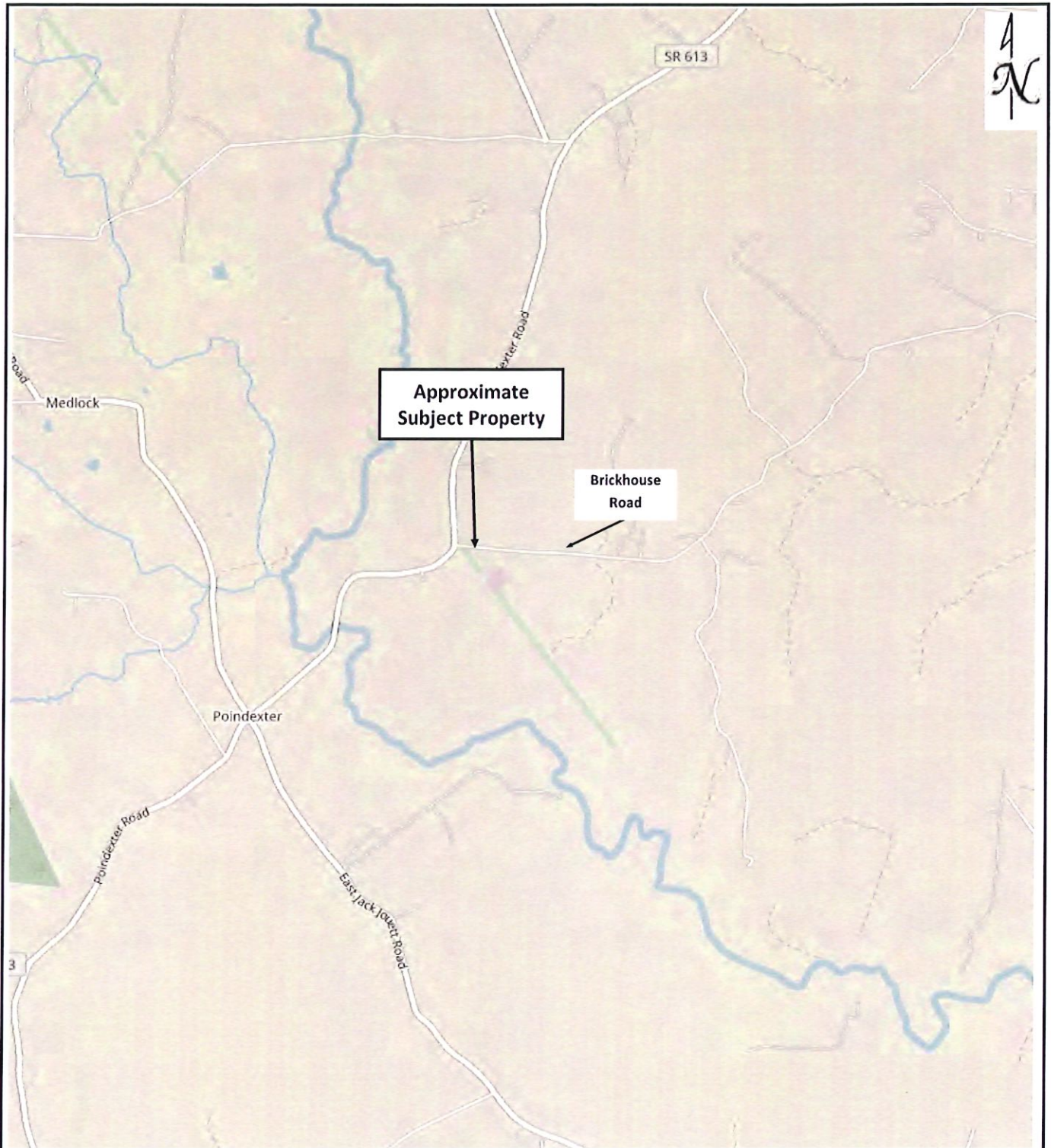
8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@geoprofessional.org www.geoprofessional.org

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APPENDIX A

Figures



GEO-TECHNOLOGY ASSOCIATES, INC.
Geotechnical and Environmental Consultants

43760 Trade Center Place, Suite 110
Sterling, Virginia 20166
(703) 478-0055
Fax (703) 478-0137

Figure 1
Site Location Map

Vanguard Injection Site
Louisa County, Virginia

SCALE

As Shown

DATE

March 2025

SOURCE

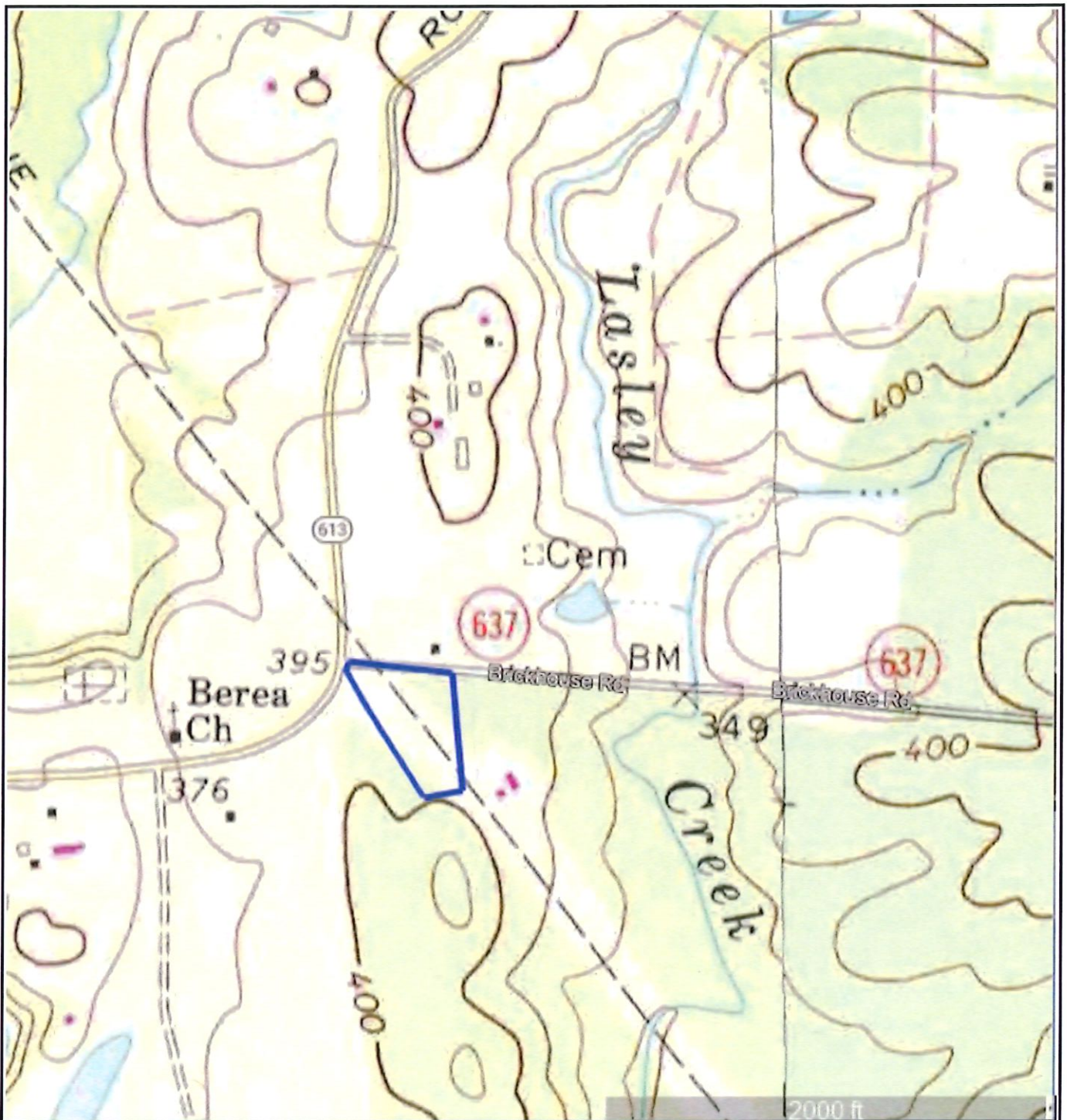
OpenStreetMap

PREPARED BY

GTA

GTA PROJECT NO.

31250734



Based on the USGS Quadrangle Map: (Boswells Tavern, Virginia)



GEO-TECHNOLOGY ASSOCIATES, INC.
Geotechnical and Environmental Consultants

43760 Trade Center Place, Suite 110
Sterling, Virginia 20166
(703) 478-0055
Fax (703) 478-0137

Figure 2 Topographic Map

Vanguard Injection Site
Louisa County, Virginia

SCALE

As Shown

DATE

March 2025

SOURCE

USGS/Google Earth


PREPARED BY

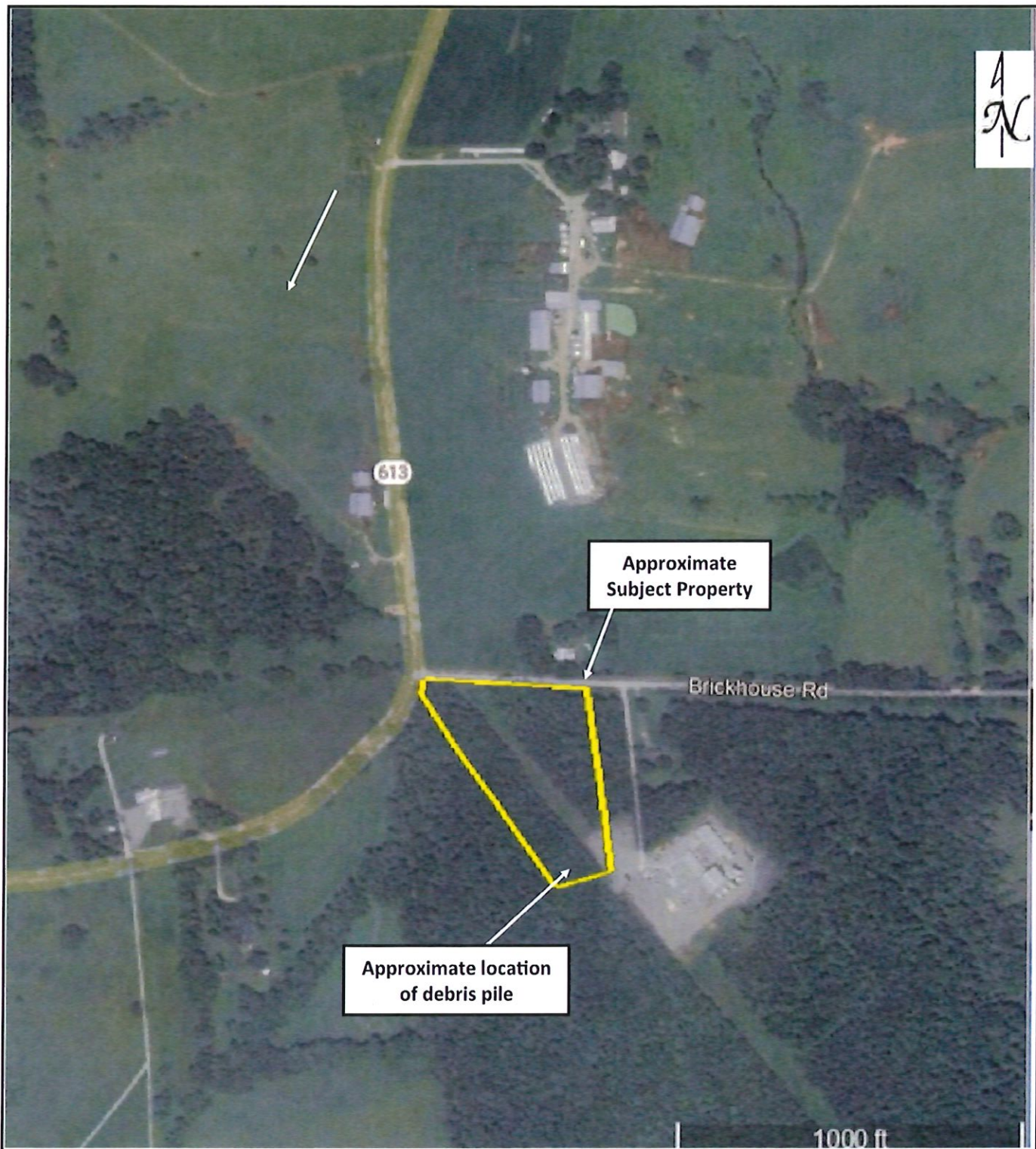
GTA


GTA PROJECT NO.

31250408



| | | | | |
|---|--|--------------------------------------|--|------------------------------------|
|  | GEO-TECHNOLOGY ASSOCIATES, INC. <i>Geotechnical and Environmental Consultants</i> 43760 Trade Center Place, Suite 110 Sterling, Virginia 20166 (703) 478-0055 Fax (703) 478-0137 | | Figure 3 1958 Aerial Photograph Vanguard Injection Site Louisa County, Virginia | |
| SCALE As Shown | DATE March 2025 | SOURCE USGS Earth Explorer | PREPARED BY GTA | GTA PROJECT NO. 31250734 |



| | | | | |
|---|--|-------------------------------|--|------------------------------------|
|  | GEO-TECHNOLOGY ASSOCIATES, INC. <i>Geotechnical and Environmental Consultants</i> 43760 Trade Center Place, Suite 110 Sterling, Virginia 20166 (703) 478-0055 Fax (703) 478-0137 | | Figure 4 2023 Aerial Photograph Vanguard Injection Site Louisa County, Virginia | |
| SCALE As Shown | DATE March 2025 | SOURCE Google Earth | PREPARED BY GTA | GTA PROJECT NO. 31250734 |



APPENDIX B

Photographs



Photograph 1: View of the gravel parking area on southern portion of subject property. View is to the north.



Photograph 2: View of the natural gas pipeline easement running through the center of the subject property. View is to the south.



Photograph 3: View of the natural gas pipeline markers on the central portion of the subject property. View is to the southeast.



Photograph 4: View of the debris pile located near the southwestern property boundary. View is to the southwest.



Photograph 5: View of the wooded land on western portion of subject property looking south.



Photograph 6: View of the wooded land on western portion of subject property looking east.



Photograph 7: View of Brickhouse Road followed by northern farm property from subject property boundary. View is to the north.




Photograph 8: View of the southwest-adjacent Louisa Compressor Station. View is to the southwest.



APPENDIX C

Historical Research Documentation



Vanguard Injection Site
Brickhouse Road
Louisa, VA 23093

Inquiry Number: 7940915.5
March 28, 2025

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/28/25

Site Name:

Vanguard Injection Site
Brickhouse Road
Louisa, VA 23093
EDR Inquiry # 7940915.5

Client Name:

GTA
43760 Trade Center Place
Sterling, VA 20166
Contact: Jared Rose



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GTA 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 # 3342-4900-9F7C

PO # 31250734

Project Vanguard Injection Site

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 #: 3342-4900-9F7C

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

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APPENDIX D

Correspondence/Agency Records

From: noreply@civicplus.com
To: [FOIA](#)
Subject: Online Form Submittal: Louisa County Freedom Of Information Act (FOIA) Request Form
Date: Monday, March 31, 2025 5:10:27 PM

CAUTION: External email

Louisa County Freedom Of Information Act (FOIA) Request Form

(Section Break)

FREEDOM OF INFORMATION ACT REQUEST FOR RECORDS FORM

(Section Break)

Please be aware that only citizens of the Commonwealth are eligible to take advantage of the provisions of FOIA. Requests for public records in Virginia are governed by the Virginia Freedom of Information Act ("FOIA"), Va. Code §§ 2.2-3700 et seq.

Requestor's Information

| | |
|---------------|----------------------|
| Name | Jared |
| Email Address | jrose@gtaeng.com |
| Address | 6717 Janway Road |
| City | Henrico |
| State | VA |
| Zip Code | 23228 |
| Phone Number | 3047316926 |
| Fax Number | Field not completed. |

(Section Break)

Requested Information

Please specify below the specific records which you are requesting, including Tax Map and Parcel numbers for land records.

| | |
|---------------------------------------|---|
| Note: that FOIA requests are only for | does not have an address assigned. Intersection of Poindexter Road and Brickhouse Road, Zion Crossroads, Louisa County, |
|---------------------------------------|---|

existing information.

Virginia Parcel ID: 37 44 Owner's Name: COMMONWEALTH
GAS PIPELINE CORP Legal Acreage: 5.6 acres

GTA is performing a Phase I Environmental Site Assessment of the above-referenced parcel in the Zion Crossroads area of Louisa County. As part of this ESA, GTA is requesting the following information from the specified agencies:

Health Department - Any known potable wells, septic tanks, soil or groundwater contamination, or similar information regarding the parcel.

Fire Department - Any known environmental incidents or accidents; hazmat incident response records; storage tank installation/removal records; completed Tier 2 Chemical Inventory forms; soil or groundwater contamination; or similar information regarding the parcel.

Community Development - Any information concerning building permits, past use records, violations, complaints, or other records which may be pertinent to our ESA regarding the parcel.

Please provide me an estimate if it the cost for the FOIA is anticipated to exceed \$50.00.

By submitting this request I am aware that State Law allows the County of Louisa five (5) business days to respond to a request for information. The County of Louisa is allowed to charge me for the cost of accessing, searching, supplying and duplicating requested records. If the charge for providing the requested records is likely to exceed \$200, I will be required to pay a deposit in advance up to this amount.

Costs may include:

- Printed copies @ .50 cents per page,
- Hourly staff pay rate,
- Standard USPS postage rate
- \$2 for CD disc.

In conformance with the authority provided by (Va. Code §2.2-3704(F)), it is the policy of the County of Louisa to recover the costs of accessing, duplicating, supplying, or searching for records.

I agree to pay this cost \$50

but wish to receive an
estimate of the cost
first if it exceeds:

(Section Break)

Electronic Signature
Agreement

I agree.

Electronic Signature

Jared Rose

Date

3/31/2025

Email not displaying correctly? [View it in your browser.](#)

From: [Jared Rose](#)
To: [Aldridge, Paula \(VDH\)](#)
Cc: [Kecia Holmes](#)
Subject: RE: TM 37-44
Date: Tuesday, April 1, 2025 9:59:00 AM
Attachments: [image001.png](#)

Thank you Paula!

Jared Rose, P.G. | Project Scientist



GEO-TECHNOLOGY ASSOCIATES, INC.

6717 Janway Road, Henrico, VA 23228

Tel: 804-716-6591 | Cell: 304-731-6926 | www.gtaeng.com

Services: Geotechnical Engineering • Environmental and
Geoscience Consulting • Construction Observation and Testing

From: Aldridge, Paula (VDH) <Paula.Aldridge@vdh.virginia.gov>
Sent: Tuesday, April 1, 2025 9:59 AM
To: Jared Rose <JRose@GTAENG.com>
Cc: Kecia Holmes <kholmes@louisacounty.gov>
Subject: TM 37-44

There is no information on file for the vacant lot, tax map 37-44 in Louisa County.

Paula

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



- 1) How long have you been familiar with the subject property? 35 yrs
- 2) What is your association with the subject property (i.e., owner, lessee, etc.)? OWNER
- 3) What is the current use of the subject property (e.g., agricultural, residential, commercial, and/or industrial, vacant, etc.)
- _____ VACANT LOT _____
- 4) Are you aware of any other historical uses of the subject property? **Yes**
X/NO
If yes, please explain.
- _____
- 5) What utility connections are associated with the subject property (e.g., electric, telephone, natural gas, public water, sanitary sewer, private well, and/or private septic)?
- _____ VACANT LOT- THERE IS A NATURAL GAS PIPELINE/ EASEMENT ON THE SUBJECT PROPERTY
- 6) Are you aware of structures, currently or formerly located on the **Yes**
(X/NO)
subject property? If yes, please explain.
- _____
- 7) If applicable, please explain how the building(s) on the subject property are heated (i.e., electric furnaces, natural gas boilers, electric space heaters, etc.)?
- _____ N/A _____
- 8) Are you aware of orchards formerly being located on the subject property? **Yes** **(X/No)**
- 9) To the best of your knowledge, have there been applications of **Yes** **(X/No)**
pesticides (e.g., insecticides, herbicides, and fungicides) or
fertilizers to the subject property? If yes, please explain the types of

pesticides or fertilizers used.

10) Are you aware of storage, mixing, or rinse out stations for pesticides **Yes** **(X/**
No) currently or formerly located on the subject property?

11) Are you aware of underground storage tanks (USTs), above-ground **Yes** **(X/**
No) storage tanks (ASTs), or drums used for storage of petroleum products (such as heating oil or diesel) or hazardous substances, currently or formerly located on the subject property? If yes, please explain (i.e., size, capacity, content, secondary containment, etc.).

12) Are you aware of underground grease interceptor tanks, underground **Yes**
(X/No) oil/water separator tanks, or underground hydraulic fluid reservoir tanks (such as for hydraulic-operated equipment), currently or formerly located on the subject property? If yes, please explain (i.e., size, capacity, content, secondary containment, etc.).

13) To the best of your knowledge, have there been releases (e.g., spills, **Yes** **(X/**
No) leaks, landfilling, and/or nuisance dumping) of petroleum-based products or chemicals on the subject property? If yes, please explain the types of petroleum-based products or chemicals released, the media impacted (e.g., soil, groundwater, and/or surface water), and the cleanup strategies employed, if any.

14) Are you aware of lagoons, ponds, cisterns, or pits used for storage or discharge of petroleum products or hazardous substances, currently or formerly located on the subject property? If yes, please explain. **Yes** **X/**
No

15) Are you aware of landfilling or buried wastes currently or formerly located on the subject property? If yes, please explain. **Yes** **(X/**
No)

16) Are you aware of placement of soil fill or soil stockpiles on the subject property that originated from off-site properties? If yes, please explain. **Yes** **(X/**
No)

17) Are you aware of contaminated fill or soil stockpile placement on the subject property? If yes, please explain. **Yes** **(X/**
No)

18) Are you aware of previous industrial land uses (i.e., gasoline stations, salvage yards, drycleaners, etc.) on the subject property? If yes, please explain. **Yes** **(X/**
No)

19) Are you aware of environmental cleanups or soil or groundwater contamination currently or formerly associated with the subject property? **Yes** **(X/**
No)

Re: Phase I ESA Questionnaire
April 4, 2025

20) Are you aware of environmental liens (filed under federal, tribal, state, or local law) recorded against the subject property? **Yes** **(X/No)**

21) Are you aware of activities and land use limitations (AULs), such as engineering controls, land use restrictions, and institutional controls (i.e., deed notice, capped soil, groundwater restrictions, residential prohibition, etc.) recorded against the subject property? **Yes** **(X/No)**

22) Are you aware of previous environmental reports (i.e., previous ESAs, cleanup reports, UST closure reports, soil or groundwater analytical testing reports, etc.) of the subject property having been prepared? **Yes** **(X/No)**

23) If applicable, can you provide GTA a copy of the environmental reports (see Question 22)? **Yes** **No**

24) Are you aware of any significant soil or groundwater contamination located on surrounding properties? If yes, please explain. **Yes** **(X/No)**

Please provide the contact information (name, telephone number, and/or address) for the previous owner(s) of the subject property, if known by you.

The completed questionnaire and any supporting documentation requested (i.e., previous environmental reports), if such supporting documentation is readily available to you, can be returned to the attention of myself by e-mail, facsimile, or mail. My contact information follows:

Jared Rose
Project Scientist
Geo-Technology Associates, Inc.
6717 Janway Road
Henrico, Virginia 23228

E-mail address: Jrose@gteng.com
Office: 804-716-6591

Re: Phase I ESA Questionnaire
April 4, 2025

Cell: 304-731-6926

After receiving the completed questionnaire and supporting documentation, if additional explanation is needed for any "Yes" answers, GTA will respond to you by telephone. Please provide your contact information below:

Printed Name: Cedric Kline, Land Representative, Columbia Gas Transmission LLC

Signature: **Cedric Kline** Date: 4/1/25

E-Mail Address: cedric_kline@tcenergy.com Telephone Number: (804) 898-5078

PHASE I ENVIRONMENTAL SITE ASSESSMENT USER QUESTIONNAIRE

To: Mr. Brian Miller, Bohler, LLC
From: Jared Rose
Date: March 25, 2025



At your request, Geo-Technology Associates, Inc. (GTA) is performing a Phase I Environmental Site Assessment (ESA) of Vanguard Injection Site located in Zion Crossroads, Virginia. As you probably know, we use the Phase I ESA to evaluate the likelihood that the subject property may have been impacted with petroleum or hazardous substances (i.e., we identify Recognized Environmental Conditions [RECs]).

Based on the ASTM Standards (E1527-21), we need to ask you (as our client and the "User" of the report) several questions about the property. Although we are developing our own professional opinion about the property's environmental condition, ASTM requires that we ask you, as the User of the report, the following questions to obtain any relevant knowledge that you may have.

Please review the questions below and provide your responses (to the best of your knowledge), explaining any "yes" answers at the bottom of the page. Please either return the completed form, or call me to discuss with verbal responses.

| | |
|--|--|
| 1. Environmental liens that are filed or recorded against the subject property. <i>Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the subject property under federal, tribal, state, or local law?</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. Activity and use limitations (AULs) that are in place on the subject property or that have been filed or recorded against the subject property. <i>Did a search of recorded land title records (or judicial records where appropriate) 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?</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Specialized knowledge or experience of the person seeking to qualify for Landowner Liability Protection. <i>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?</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. Relationship of the purchase price to the fair market value of the subject property if it were not contaminated. <i>Do you have reason to believe that the purchase price of the subject property is lower than the fair market value due to the known or suspected presence of contamination?</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Commonly known or reasonably ascertainable information about the subject property (40 CFR 312.30). <i>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? For example,</i> <i>a) Do you know the past uses of the property?</i> <i>b) Do you know of specific chemicals that are present or once were present at the property?</i> <i>c) Do you know of spills or other chemical releases that have taken place at the property?</i> <i>d) Do you know of any environmental cleanups that have taken place at the property?</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

6. The degree of obviousness of the presence or likely presence of contamination at the *subject property*, and the ability to detect the contamination by appropriate investigation.
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?

☐ Yes
☐ No

Please explain any "yes" answers:

Name Brian Miller, P.E.

Company Bohler

Signature 

Date 4/2/2025



APPENDIX E

Regulatory Database Report

Vanguard Injection Site

Brickhouse Road
Louisa, VA 23093

Inquiry Number: 7940915.2s
March 28, 2025

The EDR Radius Map™ Report



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

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| Map Findings | 8 |
| Orphan Summary | 19 |
| Government Records Searched/Data Currency Tracking | GR-1 |

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

BRICKHOUSE ROAD
LOUISA, VA 23093

COORDINATES

| | |
|--------------------------------|----------------------------|
| Latitude (North): | 38.0092900 - 38° 0' 33.44" |
| Longitude (West): | 78.1306920 - 78° 7' 50.49" |
| Universal Transverse Mercator: | Zone 17 |
| UTM X (Meters): | 751917.8 |
| UTM Y (Meters): | 4210526.0 |
| Elevation: | 395 ft. above sea level |

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|----------------------|------------------------------|
| Target Property Map: | 50022881 BOSWELLS TAVERN, VA |
| Version Date: | 2022 |
| Northeast Map: | 50022913 LOUISA, VA |
| Version Date: | 2022 |
| Southeast Map: | 50022050 FERNCLIFF, VA |
| Version Date: | 2022 |
| Southwest Map: | 50022662 ZION CROSSROADS, VA |
| Version Date: | 2022 |

AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|-------------------------|--------------------|
| Portions of Photo from: | 20181003, 20180824 |
| Source: | USDA |

MAPPED SITES SUMMARY

Target Property Address:
BRICKHOUSE ROAD
LOUISA, VA 23093

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|--------|----------------------|-------------------|-------------------|--------------------|-------------------------------|
| A1 | COLUMBIA GAS TRANSMI | 120 BRICKHOUSE RD | RCRA-VSQG, ECHO | Lower | 449, 0.085, ENE |
| A2 | LOUISA COMPRESSOR ST | 120 BRICKHOUSE RD | AST | Lower | 449, 0.085, ENE |

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

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Management Facilities

Lists of state and tribal leaking storage tanks

LUST..... Leaking Underground Storage Tank Tracking Database
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LTANKS..... Leaking Petroleum Storage Tanks

Lists of state and tribal registered storage tanks

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

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Sites Listing
INST CONTROL..... Voluntary Remediation Program Database

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Site Specific Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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
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

TANKS..... TANKSStorage Tank Facilities Listing

EXECUTIVE SUMMARY

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

SPILLS..... Prep/Spills Database Listing

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 |
| SSTS..... | Section 7 Tracking Systems |
| RMP..... | Risk Management Plans |
| PRP..... | Potentially Responsible Parties |
| ICIS..... | Integrated Compliance Information 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 |
| 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 |
| MINES MRDS..... | Mineral Resources Data System |
| ABANDONED MINES..... | Abandoned Mines |
| UXO..... | Unexploded Ordnance Sites |
| DOCKET HWC..... | Hazardous Waste Compliance Docket Listing |
| ECHO..... | Enforcement & Compliance History Information |
| FUELS PROGRAM..... | EPA Fuels Program Registered Listing |
| PFAS NPL..... | Superfund Sites with PFAS Detections Information |
| PFAS FEDERAL SITES..... | Federal Sites PFAS Information |
| PFAS TRIS..... | List of PFAS Added to the TRI |
| PFAS TSCA..... | PFAS Manufacture and Imports Information |
| PFAS RCRA MANIFEST..... | PFAS Transfers Identified In the RCRA Database Listing |
| PFAS ATSDR..... | PFAS Contamination Site Location Listing |
| PFAS WQP..... | Ambient Environmental Sampling for PFAS |
| PFAS PROJECT..... | NORTHEASTERN UNIVERSITY PFAS PROJECT |
| PFAS NPDES..... | Clean Water Act Discharge Monitoring Information |
| PFAS ECHO..... | Facilities in Industries that May Be Handling PFAS Listing |
| PFAS ECHO FIRE TRAIN..... | Facilities in Industries that May Be Handling PFAS Listing |
| PFAS PT 139 AIRPORT..... | All Certified Part 139 Airports PFAS Information Listing |
| AQUEOUS FOAM NRC..... | Aqueous Foam Related Incidents Listing |
| BIOSOLIDS..... | ICIS-NPDES Biosolids Facility Data |
| UST FINDER RELEASE..... | UST Finder Releases Database |
| UST FINDER..... | UST Finder Database |

EXECUTIVE SUMMARY

| | |
|--------------------------|--|
| E MANIFEST..... | Hazardous Waste Electronic Manifest System |
| AIRS..... | Permitted Airs Facility List |
| NPDES..... | Comprehensive Environmental Data System |
| COAL ASH..... | Coal Ash Disposal Sites |
| DRYCLEANERS..... | Drycleaner List |
| ENF..... | Enforcement Actions Data |
| Financial Assurance..... | Financial Assurance Information Listing |
| TIER 2..... | Tier 2 Information Listing |
| UIC..... | Underground Injection Control Wells |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

| | |
|-----------------------|--|
| EDR Hist Auto..... | EDR Exclusive Historical Auto Stations |
| EDR Hist Cleaner..... | EDR Exclusive Historical Cleaners |

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQG: 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.

A review of the RCRA-VSQG list, as provided by EDR, and dated 02/17/2025 has revealed that there is 1 RCRA-VSQG site within approximately 0.125 miles of the target property.

EXECUTIVE SUMMARY

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|--------------------------|--------------------------------|---------------|-------------|
| COLUMBIA GAS TRANSMI EPA ID:: VAD982708166 | 120 BRICKHOUSE RD | ENE 0 - 1/8 (0.085 mi.) | A1 | 8 |

Lists of state and tribal registered storage tanks

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Quality's Aboveground Storage Tank Data Notification Information.

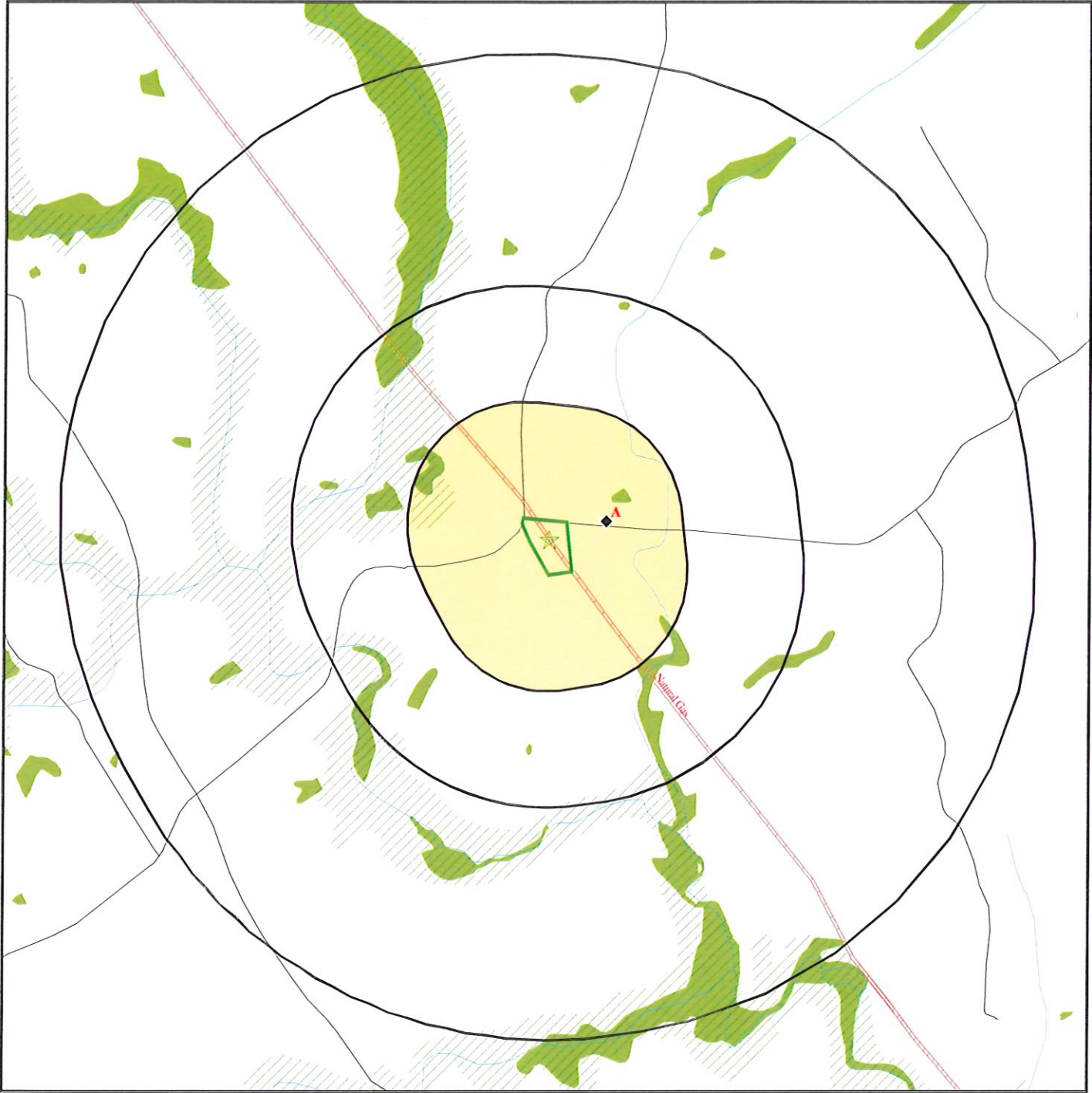
A review of the AST list, as provided by EDR, and dated 01/03/2025 has revealed that there is 1 AST site within approximately 0.125 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|---|--------------------------|--------------------------------|---------------|-------------|
| LOUISA COMPRESSOR ST Facility ID: 3030715 CEDS Facility ID: 200000069858 | 120 BRICKHOUSE RD | ENE 0 - 1/8 (0.085 mi.) | A2 | 12 |

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7940915.2S

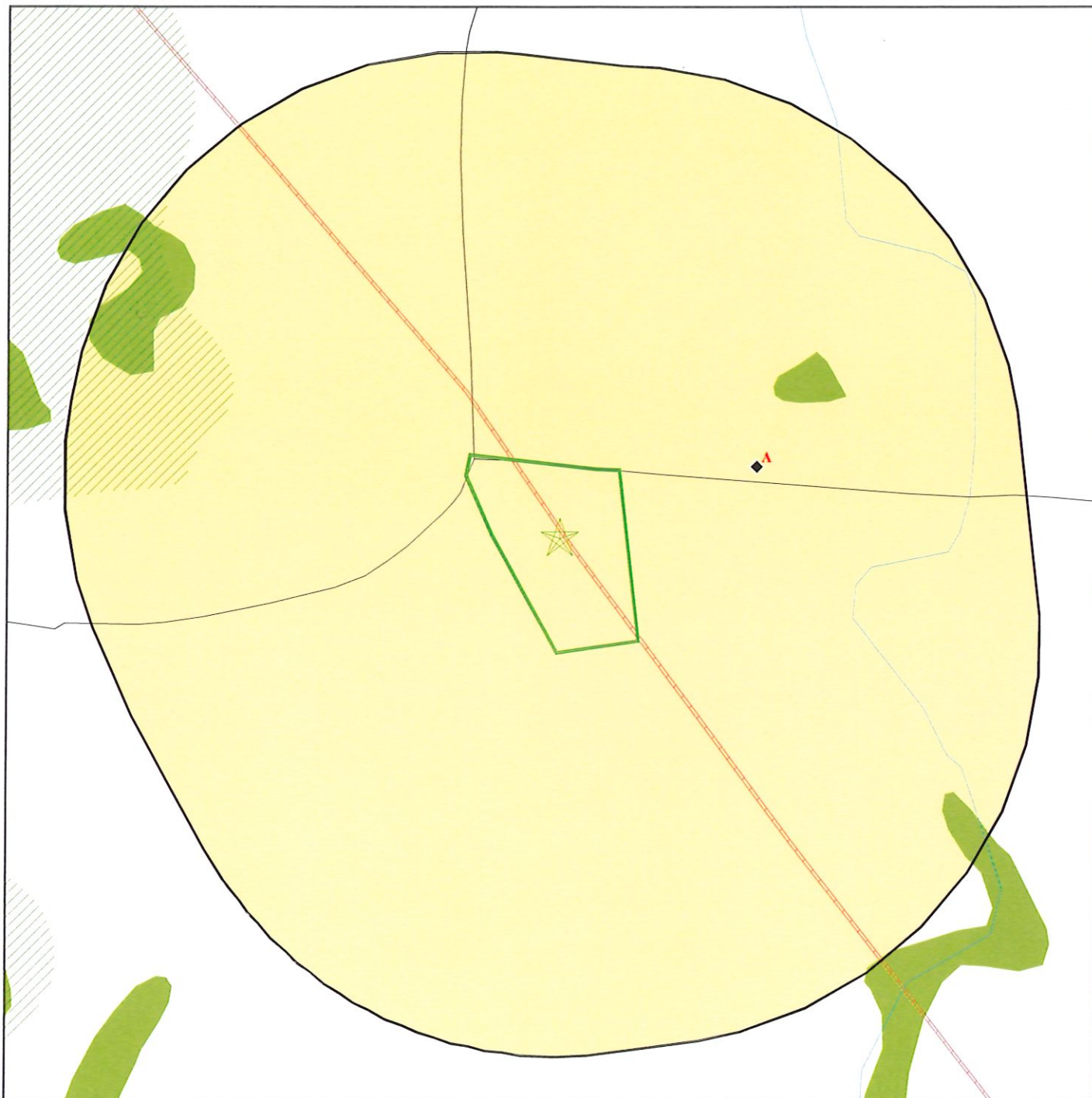


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National 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: Vanguard Injection Site | CLIENT: GTA |
| ADDRESS: Brickhouse Road | CONTACT: Jared Rose |
| Louisa VA 23093 | INQUIRY #: 7940915.2s |
| LAT/LONG: 38.00929 / 78.130692 | DATE: March 28, 2025 10:12 am |

DETAIL MAP - 7940915.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

0 1/16 1/8 1/4 Miles



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

SITE NAME: Vanguard Injection Site
ADDRESS: Brickhouse Road
Louisa VA 23093
LAT/LONG: 38.00929 / 78.130692

CLIENT: GTA
CONTACT: Jared Rose
INQUIRY #: 7940915.2s
DATE: March 28, 2025 10:13 am

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| STANDARD ENVIRONMENTAL RECORDS | | | | | | | | |
| <i>Lists of Federal NPL (Superfund) sites</i> | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Lists of Federal Delisted NPL sites</i> | | | | | | | | |
| Delisted NPL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i> | | | | | | | | |
| FEDERAL FACILITY | 1.000 | | 0 | 0 | 0 | 0 | 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 | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| RCRA-SQG | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| RCRA-VSQG | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| <i>Federal institutional controls / engineering controls registries</i> | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal ERNS list</i> | | | | | | | | |
| ERNS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Lists of state- and tribal hazardous waste facilities</i> | | | | | | | | |
| SHWS | N/A | | N/A | N/A | N/A | N/A | N/A | N/A |
| <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> | | | | | | | | |
| LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN LUST | 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 |
|---|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| LTANKS | 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 | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| AST | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <i>State and tribal institutional control / engineering control registries</i> | | | | | | | | |
| ENG CONTROLS | TP | | NR | NR | NR | NR | NR | 0 |
| INST CONTROL | TP | | NR | NR | NR | 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 |
| <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 | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Local Lists of Landfill / Solid Waste Disposal Sites</i> | | | | | | | | |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Local Lists of Hazardous waste / Contaminated Sites</i> | | | | | | | | |
| US HIST CDL | TP | | NR | NR | NR | NR | NR | 0 |
| US CDL | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Local Lists of Registered Storage Tanks</i> | | | | | | | | |
| TANKS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <i>Local Land Records</i> | | | | | | | | |
| LIENS 2 | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Records of Emergency Release Reports</i> | | | | | | | | |
| SPIILLS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Other Ascertainable Records</i> | | | | | | | | |
| RCRA NonGen / NLR | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOD | TP | | NR | NR | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|----------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | TP | | NR | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | TP | | NR | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| SSTS | TP | | NR | NR | NR | NR | NR | 0 |
| RMP | TP | | NR | NR | NR | NR | NR | 0 |
| PRP | TP | | NR | NR | NR | NR | NR | 0 |
| ICIS | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH DOE | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |
| RADINFO | TP | | NR | NR | NR | NR | NR | 0 |
| HIST FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| DOT OPS | TP | | NR | NR | NR | NR | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | TP | | NR | NR | NR | NR | NR | 0 |
| US AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| MINES MRDS | TP | | NR | NR | NR | NR | NR | 0 |
| ABANDONED MINES | TP | | NR | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOCKET HWC | TP | | NR | NR | NR | NR | NR | 0 |
| ECHO | TP | | NR | 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 TRIS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS TSCA | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS RCRA MANIFEST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS ATSDR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS WQP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS PROJECT | 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 TRAIN | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS PT 139 AIRPORT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| AQUEOUS FOAM NRC | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| BIOSOLIDS | TP | | NR | NR | NR | NR | NR | 0 |
| UST FINDER RELEASE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| UST FINDER | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| E MANIFEST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| NPDES | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DRYCLEANERS | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| ENF | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| Financial Assurance | TP | | NR | NR | NR | NR | NR | 0 |
| TIER 2 | TP | | NR | NR | NR | NR | NR | 0 |
| UIC | TP | | NR | NR | NR | NR | NR | 0 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

| | | | | | | | | |
|---------------|-------|--|---|---|----|----|----|---|
| EDR Hist Auto | 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 |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| EDR Hist Cleaner | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <u>EDR RECOVERED GOVERNMENT ARCHIVES</u> | | | | | | | | |
| <i>Exclusive Recovered Govt. Archives</i> | | | | | | | | |
| RGA LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| RGA LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| - Totals -- | | 0 | 2 | 0 | 0 | 0 | 0 | 2 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

A1 COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STAT RCRA-VSQQ 1000301817
ENE 120 BRICKHOUSE RD ECHO VAD982708166
< 1/8 LOUISA, VA 23093
0.085 mi.
449 ft. Site 1 of 2 in cluster A

Relative: RCRA Listings:
Lower Date Form Received by Agency: 20080731
Actual: Handler Name: Columbia Gas Transmission - Louisa Compressor Station
382 ft. Handler Address: 120 Brickhouse Road
Handler City,State,Zip: LOUISA, VA 20393
EPA ID: VAD982708166
Contact Name: HORACE R OLIVER
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 757-539-3120
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 03
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Va
State District: 4
Mailing Address: 120 BRICKHOUSE ROAD
Mailing City,State,Zip: LOUISA, VA 20393
Owner Name: Columbia Gas Transmission
Owner Type: Private
Operator Name: Opername
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STATION (Continued)

1000301817

| | |
|---|--------------|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20150414 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|--------------------|-----------------|
| Waste Code: | D001 |
| Waste Description: | Ignitable Waste |

| | |
|--------------------|-----------------|
| Waste Code: | D002 |
| Waste Description: | Corrosive Waste |

| | |
|--------------------|----------------|
| Waste Code: | D003 |
| Waste Description: | Reactive Waste |

| | |
|--------------------|---------|
| Waste Code: | D004 |
| Waste Description: | Arsenic |

| | |
|--------------------|--------|
| Waste Code: | D005 |
| Waste Description: | Barium |

| | |
|--------------------|---------|
| Waste Code: | D006 |
| Waste Description: | Cadmium |

| | |
|--------------------|----------|
| Waste Code: | D007 |
| Waste Description: | Chromium |

| | |
|--------------------|------|
| Waste Code: | D008 |
| Waste Description: | Lead |

| | |
|--------------------|---------|
| Waste Code: | D009 |
| Waste Description: | Mercury |

| | |
|--------------------|---------|
| Waste Code: | D018 |
| Waste Description: | Benzene |

| | |
|--------------------|--|
| Waste Code: | F001 |
| Waste Description: | The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures. |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STATION (Continued)

1000301817

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: COLUMBIA GAS TRANSMISSION CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1273
Owner/Operator City,State,Zip: CHARLESTON, WV 25325
Owner/Operator Telephone: 304-357-2110
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COLUMBIA GAS TRANSMISSION
Legal Status: Private
Date Became Current: 19901201
Date Ended Current: Not reported
Owner/Operator Address: 1700 MACCORKLE AVE
Owner/Operator City,State,Zip: CHARLESTON, WV 25314
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STATION (Continued)

1000301817

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, AK 99999
Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COLUMBIA GAS TRANSMISSION
Legal Status: Private
Date Became Current: 19901201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19930331
Handler Name: TCO-LOUISA COMPRESSOR STA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Va
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900122
Handler Name: TCO-LOUISA COMPRESSOR STA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Va
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080731
Handler Name: COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STATION (Continued)

1000301817

| | |
|--|--|
| Federal Waste Generator Description: | Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator) |
| State District Owner: | Va |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|--------------------|--|
| NAICS Code: | 48621 |
| NAICS Description: | Pipeline Transportation Of Natural Gas |

Facility Has Received Notices of Violations:

| | |
|-------------|---------------------|
| Violations: | No Violations Found |
|-------------|---------------------|

Evaluation Action Summary:

| | |
|--------------|----------------------|
| Evaluations: | No Evaluations Found |
|--------------|----------------------|

ECHO:

| | |
|--------------|--------------|
| Envid: | 1000301817 |
| Registry ID: | 110008190581 |

DFR URL:

| | |
|-----------------|---|
| Name: | COLUMBIA GAS TRANSMISSION - LOUISA COMPRESSOR STATION |
| Address: | 120 BRICKHOUSE RD |
| City,State,Zip: | LOUISA, VA 23093 |

A2
ENE
< 1/8
0.085 mi.
449 ft.
Site 2 of 2 in cluster A

Relative:
Lower

Actual:
382 ft.

AST:

| | |
|-------------------|--------------|
| Facility ID: | 3030715 |
| Facility Type: | UTILITY |
| CEDS Facility ID: | 200000069858 |

Tank Info:

Owner:

| | |
|-------------------------|---------------------------|
| Owner Id: | 50146 |
| Owner Name: | Columbia Gas Transmission |
| Owner Address: | 1700 MacCorkle Ave SE |
| Owner Address2: | Not reported |
| Owner City/State/Zip: | Charleston, WV 25314 |
| Owner Type: | PRIVATE |
| Number of Active AST: | 2 |
| Number of Active UST: | 0 |
| Number of Inactive AST: | 1 |
| Number of Inactive UST: | 0 |

AST **A100143104**
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISA COMPRESSOR STATION (Continued)

A100143104

Owner Id: 26730
Owner Name: Columbia Pipeline Group
Owner Address: 1700 MacCorkle Ave SE
Owner Address2: Not reported
Owner City/State/Zip: Charleston, WV 25314
Owner Type: PRIVATE
Number of Active AST: 2
Number of Active UST: 0
Number of Inactive AST: 1
Number of Inactive UST: 0

Fed Regulated: No
Tank Number: A02
Tank Type: AST
Tank Capacity: 1000
Tank Contents: LUBE OIL
Tank Status: DISMANTLED
Install Date: 11/20/1990
Date Closed: 4/10/1998

Tank Containment:
Install Date: 11/20/1990
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent Yes
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike No
Containment: Unknown No
Containment: Other Yes
Containment: Other Note Not reported

Release Detection:
Release Detection: Ground Water No
Release Detection: Visual Yes
Release Detection: Vapor No
Release Detection: Interstitial No
Release Detection: None No
Release Detection: Other No
Release Detection: Other Note Not reported
Release Prevention: Double Bottom No
Release Prevention: Double Walled No
Release Prevention: Lined Interior Not reported
Release Prevention: Poly Jacket No
Release Prevention: Exc Liner No
Release Prevention: None No
Release Prevention: Unknown No
Release Prevention: Other Yes
Release Prevention: Other Note Not reported

Tank Foundation: Steel Yes
Tank Foundation: Earthen No
Tank Foundation: Concrete Imp No
Tank Foundation: Unknown No
Tank Foundation: Other No
Tank Foundation: Other Note Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISA COMPRESSOR STATION (Continued)

A100143104

| | |
|-----------------------|--------------|
| Tank Roof: Float | No |
| Tank Roof: Cone | No |
| Tank Roof: Breather | Not reported |
| Tank Roof: Dbldeck | Not reported |
| Tank Roof: Pontoon | Not reported |
| Tank Roof: Balloon | Not reported |
| Tank Roof: Lifter | Not reported |
| Tank Roof: Pan | Not reported |
| Tank Roof: Other | Yes |
| Tank Roof: Other Note | Not reported |

Tank Material:

| | |
|---------------------------------------|--------------|
| Tank Materials: Bare Steel | Yes |
| Tank Materials: Concrete | No |
| Tank Materials: Insulated Tank Jacket | No |
| Tank Materials: Unknown | No |
| Tank Materials: Other | No |
| Tank Materials: Other Note | Not reported |
| Tank Type Cathodic/CP: | Not reported |
| Tank Type Single Wall: | Not reported |
| Tank Type Double Wall: | Not reported |
| Tank Type Lined Interior: | Not reported |
| Tank Type Double Bottom: | Not reported |
| Tank Type Potable/Skid: | Not reported |
| Tank Type Shop Fabricated/Built: | Not reported |
| Tank Type Vaulted Below Grade: | Not reported |
| Tank Type Vertical: | Not reported |
| Tank Type Horizontal: | Not reported |
| Tank Type Unknown: | Not reported |
| Tank Type Other: | Not reported |
| Tank Type Other Specify: | Not reported |

Owner:

| | |
|-------------------------|---------------------------|
| Owner Id: | 50146 |
| Owner Name: | Columbia Gas Transmission |
| Owner Address: | 1700 MacCorkle Ave SE |
| Owner Address2: | Not reported |
| Owner City/State/Zip: | Charleston, WV 25314 |
| Owner Type: | PRIVATE |
| Number of Active AST: | 2 |
| Number of Active UST: | 0 |
| Number of Inactive AST: | 1 |
| Number of Inactive UST: | 0 |

| | |
|-------------------------|-------------------------|
| Owner Id: | 26730 |
| Owner Name: | Columbia Pipeline Group |
| Owner Address: | 1700 MacCorkle Ave SE |
| Owner Address2: | Not reported |
| Owner City/State/Zip: | Charleston, WV 25314 |
| Owner Type: | PRIVATE |
| Number of Active AST: | 2 |
| Number of Active UST: | 0 |
| Number of Inactive AST: | 1 |
| Number of Inactive UST: | 0 |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISA COMPRESSOR STATION (Continued)

A100143104

Fed Regulated: No
Tank Number: A05
Tank Type: AST
Tank Capacity: 1000
Tank Contents: OTHER
Tank Status: CURR IN USE
Install Date: 9/20/1998
Date Closed: Not reported

Tank Containment:

Install Date: 9/20/1998
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent No
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike No
Containment: Unknown No
Containment: Other No
Containment: Other Note Not reported

Release Detection:

Release Detection: Ground Water No
Release Detection: Visual No
Release Detection: Vapor No
Release Detection: Interstitial No
Release Detection: None No
Release Detection: Other No
Release Detection: Other Note Not reported
Release Prevention: Double Bottom No
Release Prevention: Double Walled No
Release Prevention: Lined Interior Not reported
Release Prevention: Poly Jacket No
Release Prevention: Exc Liner No
Release Prevention: None No
Release Prevention: Unknown No
Release Prevention: Other No
Release Prevention: Other Note Not reported

Tank Foundation: Steel Yes
Tank Foundation: Earthen No
Tank Foundation: Concrete Imp No
Tank Foundation: Unknown No
Tank Foundation: Other No
Tank Foundation: Other Note Not reported
Tank Roof: Float No
Tank Roof: Cone No
Tank Roof: Breather Not reported
Tank Roof: Dbldeck Not reported
Tank Roof: Pontoon Not reported
Tank Roof: Balloon Not reported
Tank Roof: Lifter Not reported
Tank Roof: Pan Not reported
Tank Roof: Other No
Tank Roof: Other Note Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISA COMPRESSOR STATION (Continued)

A100143104

Tank Material:

| | |
|---------------------------------------|---|
| Tank Materials: Bare Steel | Yes |
| Tank Materials: Concrete | No |
| Tank Materials: Insulated Tank Jacket | No |
| Tank Materials: Unknown | No |
| Tank Materials: Other | No |
| Tank Materials: Other Note | painted steel, totally above ground, cathodically protected |
| Tank Type Cathodic/CP: | Not reported |
| Tank Type Single Wall: | Not reported |
| Tank Type Double Wall: | Not reported |
| Tank Type Lined Interior: | Not reported |
| Tank Type Double Bottom: | Not reported |
| Tank Type Potable/Skid: | Not reported |
| Tank Type Shop Fabricated/Built: | Not reported |
| Tank Type Vaulted Below Grade: | Not reported |
| Tank Type Vertical: | Not reported |
| Tank Type Horizontal: | Not reported |
| Tank Type Unknown: | Not reported |
| Tank Type Other: | Not reported |
| Tank Type Other Specify: | Not reported |

Owner:

| | |
|-------------------------|---------------------------|
| Owner Id: | 50146 |
| Owner Name: | Columbia Gas Transmission |
| Owner Address: | 1700 MacCorkle Ave SE |
| Owner Address2: | Not reported |
| Owner City/State/Zip: | Charleston, WV 25314 |
| Owner Type: | PRIVATE |
| Number of Active AST: | 2 |
| Number of Active UST: | 0 |
| Number of Inactive AST: | 1 |
| Number of Inactive UST: | 0 |

| | |
|-------------------------|-------------------------|
| Owner Id: | 26730 |
| Owner Name: | Columbia Pipeline Group |
| Owner Address: | 1700 MacCorkle Ave SE |
| Owner Address2: | Not reported |
| Owner City/State/Zip: | Charleston, WV 25314 |
| Owner Type: | PRIVATE |
| Number of Active AST: | 2 |
| Number of Active UST: | 0 |
| Number of Inactive AST: | 1 |
| Number of Inactive UST: | 0 |

| | |
|----------------|--------------|
| Fed Regulated: | No |
| Tank Number: | A06 |
| Tank Type: | AST |
| Tank Capacity: | 1000 |
| Tank Contents: | OTHER |
| Tank Status: | CURR IN USE |
| Install Date: | 8/20/2018 |
| Date Closed: | Not reported |

Tank Containment:

| | |
|---------------|-----------|
| Install Date: | 8/20/2018 |
|---------------|-----------|

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISA COMPRESSOR STATION (Continued)

A100143104

| | |
|-------------------------|--------------|
| Containment: Curbing | No |
| Containment: Weirs | No |
| Containment: Sorbent | No |
| Containment: Culvert | No |
| Containment: Diversion | No |
| Containment: Retention | No |
| Containment: Dike | No |
| Containment: Unknown | No |
| Containment: Other | No |
| Containment: Other Note | Not reported |

Release Detection:

| | |
|------------------------------------|--------------|
| Release Detection: Ground Water | No |
| Release Detection: Visual | No |
| Release Detection: Vapor | No |
| Release Detection: Interstitial | No |
| Release Detection: None | No |
| Release Detection: Other | No |
| Release Detection: Other Note | Not reported |
| Release Prevention: Double Bottom | No |
| Release Prevention: Double Walled | No |
| Release Prevention: Lined Interior | Not reported |
| Release Prevention: Poly Jacket | No |
| Release Prevention: Exc Liner | No |
| Release Prevention: None | No |
| Release Prevention: Unknown | No |
| Release Prevention: Other | No |
| Release Prevention: Other Note | Not reported |

| | |
|-------------------------------|--------------|
| Tank Foundation: Steel | Yes |
| Tank Foundation: Earthen | No |
| Tank Foundation: Concrete Imp | No |
| Tank Foundation: Unknown | No |
| Tank Foundation: Other | No |
| Tank Foundation: Other Note | Not reported |
| Tank Roof: Float | No |
| Tank Roof: Cone | No |
| Tank Roof: Breather | Not reported |
| Tank Roof: Dbldck | Not reported |
| Tank Roof: Pontoon | Not reported |
| Tank Roof: Balloon | Not reported |
| Tank Roof: Lifter | Not reported |
| Tank Roof: Pan | Not reported |
| Tank Roof: Other | No |
| Tank Roof: Other Note | Not reported |

Tank Material:

| | |
|---------------------------------------|--------------|
| Tank Materials: Bare Steel | Yes |
| Tank Materials: Concrete | No |
| Tank Materials: Insulated Tank Jacket | No |
| Tank Materials: Unknown | No |
| Tank Materials: Other | No |
| Tank Materials: Other Note | Not reported |
| Tank Type Cathodic/CP: | Not reported |
| Tank Type Single Wall: | Not reported |
| Tank Type Double Wall: | Not reported |
| Tank Type Lined Interior: | Not reported |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISA COMPRESSOR STATION (Continued)

A100143104

| | |
|----------------------------------|--------------|
| Tank Type Double Bottom: | Not reported |
| Tank Type Potable/Skid: | Not reported |
| Tank Type Shop Fabricated/Built: | Not reported |
| Tank Type Vaulted Below Grade: | Not reported |
| Tank Type Vertical: | Not reported |
| Tank Type Horizontal: | Not reported |
| Tank Type Unknown: | Not reported |
| Tank Type Other: | Not reported |
| Tank Type Other Specify: | Not reported |

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

| | |
|---|--|
| Date of Government Version: 12/19/2024 | Source: EPA |
| Date Data Arrived at EDR: 01/02/2025 | Telephone: N/A |
| Date Made Active in Reports: 01/21/2025 | Last EDR Contact: 03/03/2025 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 04/07/2025 |
| | 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: 12/19/2024 | Source: EPA |
| Date Data Arrived at EDR: 01/02/2025 | Telephone: N/A |
| Date Made Active in Reports: 01/21/2025 | Last EDR Contact: 03/03/2025 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 04/07/2025 |
| | Data Release Frequency: Quarterly |

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
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: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/07/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/21/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/11/2024 | Source: Department of the Navy |
| Date Data Arrived at EDR: 11/25/2024 | Telephone: 843-820-7326 |
| Date Made Active in Reports: 02/18/2025 | Last EDR Contact: 03/04/2025 |
| Number of Days to Update: 85 | Next Scheduled EDR Contact: 05/19/2025 |
| | Data Release Frequency: Varies |

US ENG CONTROLS: Engineering Controls Sites List

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

| | |
|---|---|
| Date of Government Version: 11/04/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/15/2024 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 02/11/2025 | Last EDR Contact: 02/18/2025 |
| Number of Days to Update: 88 | Next Scheduled EDR Contact: 12/02/2024 |
| | Data Release Frequency: Varies |

US INST CONTROLS: Institutional Controls Sites List

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

| | |
|---|---|
| Date of Government Version: 11/04/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/15/2024 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 02/11/2025 | Last EDR Contact: 02/18/2025 |
| Number of Days to Update: 88 | Next Scheduled EDR Contact: 06/02/2025 |
| | Data Release Frequency: Varies |

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: 12/03/2024 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 12/11/2024 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 02/18/2025 | Last EDR Contact: 03/18/2025 |
| Number of Days to Update: 69 | Next Scheduled EDR Contact: 06/30/2025 |
| | Data Release Frequency: Quarterly |

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

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

| | |
|----------------------------------|---|
| Date of Government Version: N/A | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: N/A | Telephone: 804-698-4236 |
| Date Made Active in Reports: N/A | Last EDR Contact: 03/06/2025 |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: 06/23/2025 |
| | Data Release Frequency: N/A |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Management 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: 11/21/2024
Date Data Arrived at EDR: 11/25/2024
Date Made Active in Reports: 02/19/2025
Number of Days to Update: 86

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST REG NO: Leaking Underground Storage Tank Tracking Database

Leaking underground storage tank site locations. Includes: counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

Date of Government Version: 05/18/2004
Date Data Arrived at EDR: 05/22/2004
Date Made Active in Reports: 07/09/2004
Number of Days to Update: 48

Source: Department of Environmental Quality Northern Regional Office
Telephone: 703-583-3800
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Amelia, Brunswick, Charles City, Chesterfield, Dinwiddie, Essex, Gloucester, Goochland, Greensville, Hanover, Henrico, King and Queen, King William, Lancaster, Mathews, Middlesex, New Kent, Northumberland, Powhatan, Prince George, Richmond, Surry, Sussex, Westmoreland; cities of Colonial Heights, Emporia, Hopewell, Petersburg.

Date of Government Version: 12/02/2014
Date Data Arrived at EDR: 12/04/2014
Date Made Active in Reports: 01/16/2015
Number of Days to Update: 43

Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Quarterly

LUST REG SC: Leaking Underground Storage Tanks

Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Edward; cities of Danville, Lynchburg.

Date of Government Version: 09/06/2013
Date Data Arrived at EDR: 09/06/2013
Date Made Active in Reports: 09/17/2013
Number of Days to Update: 11

Source: Department of Environmental Quality, South Central Region
Telephone: 434-582-5120
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Semi-Annually

LUST REG SW: Leaking Underground Storage Tank Database

Leaking underground storage tank site locations. Includes: counties of Bland, Buchanan, Carroll, Dickenson, Grayson, Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe; cities of Bristol, Galax, Norton.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 09/16/2013
Number of Days to Update: 60

Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG TD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Accomack, Isle of Wight, James City, Northampton, Southampton, York; cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 07/05/2013
Date Made Active in Reports: 09/16/2013
Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office
Telephone: trofoia@deq.vir
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

LUST REG VA: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Albemarle, Augusta, Bath, Clarke, Fluvanna, Frederick, Greene, Highland, Nelson, Page, Rockbridge, Rockingham, Shenandoah, Warren; cities of Buena Vista, Charlottesville, Harrisonburg, Lexington, Staunton, Waynesboro, Winchester.

Date of Government Version: 12/06/2011
Date Data Arrived at EDR: 12/08/2011
Date Made Active in Reports: 01/16/2012
Number of Days to Update: 39

Source: Department of Environmental Quality Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

LUST REG WC: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Alleghany, Bedford, Botetourt, Craig, Floyd, Franklin, Giles, Henry, Montgomery, Patrick, Pulaski, Roanoke; cities of Bedford, Clifton Forge, Covington, Martinsville, Radford, Roanoke, Salem.

Date of Government Version: 06/04/2015
Date Data Arrived at EDR: 06/05/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 32

Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|--|
| Date of Government Version: 05/07/2024 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 214-665-6597 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

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

| | |
|---|--|
| Date of Government Version: 05/07/2024 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 303-312-6271 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | 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: 05/07/2024 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | 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: 05/07/2024 | Source: EPA Region 1 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

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

| | |
|---|--|
| Date of Government Version: 05/07/2024 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

LTANKS: Leaking Petroleum Storage Tanks
Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

| | |
|---|---|
| Date of Government Version: 11/01/2024 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 11/18/2024 | Telephone: 804-698-4010 |
| Date Made Active in Reports: 02/12/2025 | Last EDR Contact: 02/19/2025 |
| Number of Days to Update: 86 | Next Scheduled EDR Contact: 06/02/2025 |
| | Data Release Frequency: Quarterly |

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: 08/12/2024 | Source: FEMA |
| Date Data Arrived at EDR: 10/30/2024 | Telephone: 202-646-5797 |
| Date Made Active in Reports: 01/14/2025 | Last EDR Contact: 03/26/2025 |
| Number of Days to Update: 76 | Next Scheduled EDR Contact: 07/14/2025 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Registered Petroleum Storage Tanks

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: 01/03/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 01/03/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/29/2024
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/14/2024 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | 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: 04/11/2024 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 05/14/2024 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 05/14/2024 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 05/30/2024 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 08/28/2024 | Last EDR Contact: 01/16/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Sites Listing

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: 12/18/2024 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/23/2024 | Telephone: 804-698-4228 |
| Date Made Active in Reports: 03/12/2025 | Last EDR Contact: 03/20/2025 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 07/07/2025 |
| | Data Release Frequency: Quarterly |

INST CONTROL: Voluntary Remediation Program Database

Sites included in the Voluntary Remediation Program database that have deed restrictions.

| | |
|---|---|
| Date of Government Version: 12/18/2024 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/23/2024 | Telephone: 804-698-4228 |
| Date Made Active in Reports: 03/12/2025 | Last EDR Contact: 03/20/2025 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 07/07/2025 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

VRP: Voluntary Remediation Program

The Voluntary Cleanup Program encourages owners of elected contaminated sites to take the initiative and conduct voluntary cleanups that meet state environmental standards.

| | |
|---|---|
| Date of Government Version: 12/18/2024 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/23/2024 | Telephone: 804-698-4228 |
| Date Made Active in Reports: 03/12/2025 | Last EDR Contact: 03/20/2025 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 07/07/2025 |
| | Data Release Frequency: Quarterly |

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

| | |
|---|--|
| Date of Government Version: 07/27/2015 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 09/29/2015 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 02/18/2016 | Last EDR Contact: 03/12/2025 |
| Number of Days to Update: 142 | Next Scheduled EDR Contact: 06/30/2025 |
| | Data Release Frequency: Varies |

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site Specific Assessments

To qualify for Brownfields Assessment, the site must meet the Federal definition of a Brownfields and should have contaminant issues that need to be addressed and a redevelopment plan supported by the local government and community. Virginia's Department of Environmental Quality performs brownfields assessments under a cooperative agreement with the U.S. Environmental Protection Agency at no cost to communities, property owners or, prospective purchasers. The assessment is an evaluation of environmental impacts caused by previous site uses similar to a Phase II Environmental Assessment.

| | |
|---|---|
| Date of Government Version: 09/19/2024 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 10/17/2024 | Telephone: 804-698-4207 |
| Date Made Active in Reports: 01/09/2025 | Last EDR Contact: 01/15/2025 |
| Number of Days to Update: 84 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Quarterly |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

TANKS: TANKSStorage Tank Facilities Listing

This list of storage tank facilities where tank details are not available, such as tank type not distinguished as aboveground or underground, is provided by the Virginia Department of Environmental Quality.

Date of Government Version: 01/03/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/17/2025
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 804-659-2670
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

SPILLS VA: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 08/08/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/05/2012
Number of Days to Update: 57

Source: Department of Environmental Quality, Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

SPILLS: Prep/Spills Database Listing

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment. PREP staff often work to assist local emergency responders, other state agencies, federal agencies, and responsible parties, as may be needed, to manage pollution incidents. Oil spills, fish kills, and hazardous materials spills are examples of incidents that may involve the DEQ's PREP Program.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 11/18/2024
Date Made Active in Reports: 02/12/2025
Number of Days to Update: 86

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

SPILLS PC: Pollution Complaint Database

Pollution Complaints Database. The pollution reports contained in the PC database include the initial release reporting of Leaking Underground Storage Tanks and all other releases of petroleum to the environment as well as releases to state waters. The database is current through 12/1/93. Since that time, all spill and pollution reporting information has been collected and tracked through the DEQ regional offices.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1996
Date Data Arrived at EDR: 10/22/1996
Date Made Active in Reports: 11/21/1996
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 804-698-4287
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

SPILLS NO: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 31

Source: Department of Environmental Quality, Northern Region
Telephone: 703-583-3864
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

SPILLS PD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 10/20/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 12/03/2009
Number of Days to Update: 35

Source: Department of Environmental Quality, Piedmont Region
Telephone: 804-527-5020
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

SPILLS BRL: Prep/Spills Database Listing

A listing of spills locations located in the Blue Ridge Regional area, Lynchburg.

Date of Government Version: 09/18/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 18

Source: DEQ, Blue Ridge Regional Office
Telephone: 434-582-6218
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

SPILLS WC: Prep Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/21/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 31

Source: Department of Environmental Quality, West Central Region
Telephone: 540-562-6700
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

SPILLS TD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 09/17/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 13

Source: Department of Environmental Quality, Tidewater Region
Telephone: trofoia@deq.vir
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

SPILLS SW: Reportable Spills

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/21/2010
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/16/2010
Number of Days to Update: 25

Source: Department of Environmental Quality, Southwest Region
Telephone: 276-676-4839
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 10/01/2024
Date Data Arrived at EDR: 11/12/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
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: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/19/2025
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: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 04/28/2025
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: 10/01/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/23/2024 | Telephone: 202-564-8600 |
| Date Made Active in Reports: 01/14/2025 | Last EDR Contact: 01/09/2025 |
| Number of Days to Update: 83 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

| | |
|---|--|
| Date of Government Version: 09/19/2023 | Source: EPA |
| Date Data Arrived at EDR: 10/03/2023 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 10/19/2023 | Last EDR Contact: 03/03/2025 |
| Number of Days to Update: 16 | Next Scheduled EDR Contact: 05/12/2025 |
| | Data Release Frequency: Quarterly |

ICIS: Integrated Compliance Information System

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

| | |
|---|---|
| Date of Government Version: 11/18/2016 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/23/2016 | Telephone: 202-564-2501 |
| Date Made Active in Reports: 02/10/2017 | Last EDR Contact: 03/26/2025 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 07/14/2025 |
| | 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: 12/31/2023 | Source: Department of Energy |
| Date Data Arrived at EDR: 10/16/2024 | Telephone: 202-586-8719 |
| Date Made Active in Reports: 01/14/2025 | Last EDR Contact: 02/24/2025 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 06/09/2025 |
| | Data Release Frequency: Varies |

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

| | |
|---|---|
| Date of Government Version: 01/12/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/05/2019 | Telephone: N/A |
| Date Made Active in Reports: 11/11/2019 | Last EDR Contact: 02/24/2025 |
| Number of Days to Update: 251 | Next Scheduled EDR Contact: 06/09/2025 |
| | 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: 01/30/2025 |
| Number of Days to Update: 96 | Next Scheduled EDR Contact: 05/12/2025 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

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

| | |
|---|---|
| Date of Government Version: 07/01/2019 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/01/2019 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 09/23/2019 | Last EDR Contact: 03/20/2025 |
| Number of Days to Update: 84 | Next Scheduled EDR Contact: 07/07/2025 |
| | Data Release Frequency: Quarterly |

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

| | |
|---|---|
| Date of Government Version: 10/19/2006 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/01/2007 | Telephone: 202-564-2501 |
| Date Made Active in Reports: 04/10/2007 | Last EDR Contact: 12/17/2007 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 03/17/2008 |
| | Data Release Frequency: No Update Planned |

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

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

| | |
|---|---|
| Date of Government Version: 10/19/2006 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/01/2007 | Telephone: 202-564-2501 |
| Date Made Active in Reports: 04/10/2007 | Last EDR Contact: 12/17/2008 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 03/17/2008 |
| | Data Release Frequency: No Update Planned |

DOT OPS: Incident and Accident Data

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

| | |
|---|---|
| Date of Government Version: 10/04/2024 | Source: Department of Transportation, Office of Pipeline Safety |
| Date Data Arrived at EDR: 10/16/2024 | Telephone: 202-366-4595 |
| Date Made Active in Reports: 12/06/2024 | Last EDR Contact: 01/22/2025 |
| Number of Days to Update: 51 | Next Scheduled EDR Contact: 05/05/2025 |
| | Data Release Frequency: Quarterly |

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: 12/31/2023 | Source: EPA/NTIS |
| Date Data Arrived at EDR: 02/19/2025 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 03/07/2025 | Last EDR Contact: 03/18/2025 |
| Number of Days to Update: 16 | Next Scheduled EDR Contact: 06/30/2025 |
| | Data Release Frequency: Biennially |

INDIAN RESERV: Indian Reservations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: USGS
 Telephone: 202-208-3710
 Last EDR Contact: 12/30/2024
 Next Scheduled EDR Contact: 04/14/2025
 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 03/03/2023
 Date Data Arrived at EDR: 03/03/2023
 Date Made Active in Reports: 06/09/2023
 Number of Days to Update: 98

Source: Department of Energy
 Telephone: 202-586-3559
 Last EDR Contact: 01/23/2025
 Next Scheduled EDR Contact: 05/12/2025
 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: 02/12/2025
 Date Data Arrived at EDR: 02/12/2025
 Date Made Active in Reports: 02/27/2025
 Number of Days to Update: 15

Source: Department of Energy
 Telephone: 505-845-0011
 Last EDR Contact: 02/06/2025
 Next Scheduled EDR Contact: 05/26/2025
 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024
 Date Data Arrived at EDR: 01/02/2025
 Date Made Active in Reports: 01/21/2025
 Number of Days to Update: 19

Source: Environmental Protection Agency
 Telephone: 703-603-8787
 Last EDR Contact: 03/03/2025
 Next Scheduled EDR Contact: 04/07/2025
 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
 Date Data Arrived at EDR: 10/27/2010
 Date Made Active in Reports: 12/02/2010
 Number of Days to Update: 36

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
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: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
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: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/08/2024 | Source: EPA |
| Date Data Arrived at EDR: 11/08/2024 | Telephone: 800-385-6164 |
| Date Made Active in Reports: 01/14/2025 | Last EDR Contact: 02/13/2025 |
| Number of Days to Update: 67 | Next Scheduled EDR Contact: 05/26/2025 |
| | Data Release Frequency: Quarterly |

PFAS NPL: Superfund Sites with PFAS Detections Information

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

| | |
|---|---|
| Date of Government Version: 12/30/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/02/2025 | Telephone: 703-603-8895 |
| Date Made Active in Reports: 01/10/2025 | Last EDR Contact: 02/20/2025 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 04/14/2025 |
| | 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: 12/30/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/02/2025 | Telephone: 202-272-0167 |
| Date Made Active in Reports: 01/10/2025 | Last EDR Contact: 02/20/2025 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 04/14/2025 |
| | Data Release Frequency: Varies |

PFAS TRIS: List of PFAS Added to the TRI

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

| | |
|---|---|
| Date of Government Version: 12/30/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/02/2025 | Telephone: 202-566-0250 |
| Date Made Active in Reports: 01/10/2025 | Last EDR Contact: 02/20/2025 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 04/14/2025 |
| | 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: 12/30/2024 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/02/2025 | Telephone: 202-272-0167 |
| Date Made Active in Reports: 01/10/2025 | Last EDR Contact: 02/20/2025 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 04/14/2025 |
| | 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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
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: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

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

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/16/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PT 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: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

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

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/16/2016 | Source: EPA, Office of Water |
| Date Data Arrived at EDR: 01/06/2017 | Telephone: 202-564-2496 |
| Date Made Active in Reports: 03/10/2017 | Last EDR Contact: 03/27/2025 |
| Number of Days to Update: 63 | Next Scheduled EDR Contact: 07/14/2025 |
| | Data Release Frequency: No Update Planned |

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

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

| | |
|---|---|
| Date of Government Version: 01/12/2025 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/14/2025 | Telephone: 202-564-4700 |
| Date Made Active in Reports: 03/20/2025 | Last EDR Contact: 01/14/2025 |
| Number of Days to Update: 65 | Next Scheduled EDR Contact: 04/28/2025 |
| | Data Release Frequency: Varies |

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

| | |
|---|---|
| Date of Government Version: 06/08/2023 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/04/2023 | Telephone: 202-564-0394 |
| Date Made Active in Reports: 01/18/2024 | Last EDR Contact: 02/06/2025 |
| Number of Days to Update: 106 | Next Scheduled EDR Contact: 05/19/2025 |
| | Data Release Frequency: Varies |

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

| | |
|---|---|
| Date of Government Version: 06/08/2023 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/31/2023 | Telephone: 202-564-0394 |
| Date Made Active in Reports: 01/18/2024 | Last EDR Contact: 02/06/2025 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 05/19/2025 |
| | Data Release Frequency: Semi-Annually |

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

| | |
|---|---|
| Date of Government Version: 02/17/2025 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/19/2025 | Telephone: 833-501-6826 |
| Date Made Active in Reports: 03/14/2025 | Last EDR Contact: 03/18/2025 |
| Number of Days to Update: 23 | Next Scheduled EDR Contact: 06/30/2025 |
| | Data Release Frequency: Varies |

PFAS: Per- and Polyfluoroalkyl Substances

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/08/2025
Date Made Active in Reports: 03/26/2025
Number of Days to Update: 77

Source: Department of Environmental Quality
Telephone: 804-698-4336
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

AIRS: Permitted Airs Facility List
A listing of permitted Airs facilities.

Date of Government Version: 12/10/2024
Date Data Arrived at EDR: 12/12/2024
Date Made Active in Reports: 03/05/2025
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Annually

CEDS: Comprehensive Environmental Data System
Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.

Date of Government Version: 11/21/2024
Date Data Arrived at EDR: 11/25/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites
A listing of facilities with coal ash impoundments.

Date of Government Version: 11/21/2024
Date Data Arrived at EDR: 11/25/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 85

Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List
A listing of registered drycleaners.

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/08/2025
Date Made Active in Reports: 03/26/2025
Number of Days to Update: 77

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data
A listing of enforcement actions.

Date of Government Version: 12/18/2024
Date Data Arrived at EDR: 12/23/2024
Date Made Active in Reports: 03/12/2025
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 03/20/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

FIN ASSURANCE 1: Financial Assurance Information Listing
A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/24/2024
Date Data Arrived at EDR: 10/25/2024
Date Made Active in Reports: 01/09/2025
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/09/2025
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 12/09/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 804-698-4159
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/16/2024
Number of Days to Update: 7

Source: Department of Mines, Minerals and Energy
Telephone: 276-415-9700
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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 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 Virginia.

| | |
|---|---|
| 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 Department of Environmental Quality in Virginia and at the Regional VA Levels.

| | |
|---|---|
| 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: 01/15/2014 | Last EDR Contact: 06/01/2012 |
| Number of Days to Update: 198 | 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: 11/04/2024 | Source: Department of Energy & Environmental Protection |
| Date Data Arrived at EDR: 11/05/2024 | Telephone: 860-424-3375 |
| Date Made Active in Reports: 01/27/2025 | Last EDR Contact: 02/04/2025 |
| Number of Days to Update: 83 | Next Scheduled EDR Contact: 05/19/2025 |
| | Data Release Frequency: No Update Planned |

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

| | |
|---|--|
| Date of Government Version: 12/31/2018 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 04/10/2019 | Telephone: N/A |
| Date Made Active in Reports: 05/16/2019 | Last EDR Contact: 03/27/2025 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 07/14/2025 |
| | Data Release Frequency: Annually |

NY MANIFEST: Facility and Manifest Data

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

| | |
|---|--|
| Date of Government Version: 12/31/2019 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 11/30/2023 | Telephone: 518-402-8651 |
| Date Made Active in Reports: 12/01/2023 | Last EDR Contact: 01/23/2025 |
| Number of Days to Update: 1 | Next Scheduled EDR Contact: 05/05/2025 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Licensed Facilities

Source: Department of Social Services

Telephone: 804-692-1900

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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