Phase I Environmental Site Assessment

REPORT DATE: September 20, 2022

PROPERTY INFORMATION:
Essex Point at Mt Clement
Parcel 36-43, Richmond Highway Route 360
Tappahannock, Essex County, Virginia 22560

PROJECT INFORMATION:
AEI Project No. 468565
Site Assessment Date: September 15, 2022

PREPARED FOR:
Capital Impact Partners
1400 Crystal Drive Suite 500
Arlington, Virginia 22202

PREPARED BY:
AEI Consultants - Corporate Headquarters
2500 Camino Diablo
Walnut Creek, California 94597
September 20, 2022

Mr. Kristofor Johnston  
Capital Impact Partners  
1400 Crystal Drive Suite 500  
Arlington, Virginia 22202

Subject: Phase I Environmental Site Assessment  
Essex Point at Mt Clement  
Parcel 36-43, Richmond Highway Route 360  
Tappahannock, Virginia 22560  
AEI Project No. 468565

Dear Mr. Johnston:

AEI Consultants is pleased to provide the Phase I Environmental Site Assessment of the above referenced property. This assessment was authorized and performed in accordance with the scope of services engaged.

We appreciate the opportunity to provide services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (443) 495-6437 or gchapline@aeiconsultants.com.

Sincerely,

Gordy Chapline  
Business Development Manager  
AEI Consultants
PRoJECT SUMMARY

Parcel 36-43, Richmond Highway Route 360, Tappahannock, Essex County, Virginia 22560
AEI Project No. 468565

<table>
<thead>
<tr>
<th>Report Section</th>
<th>REC</th>
<th>CREC</th>
<th>HREC</th>
<th>OEC</th>
<th>Recommended Action</th>
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<tr>
<td>1.0 Introduction</td>
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<td>2.0 Site and Vicinity Description</td>
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<td>None</td>
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<td>3.0 Historical Review of Site and Vicinity</td>
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<td>4.0 Regulatory Agency Records Review</td>
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<td>5.0 Regulatory Database Records Review</td>
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<td>6.0 Interviews and User Provided Information</td>
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<td>7.0 Site Reconnaissance</td>
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<td>None</td>
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<tr>
<td>8.1 Asbestos-Containing Building Materials</td>
<td></td>
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<td></td>
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<td>None</td>
</tr>
<tr>
<td>8.2 Lead-Based Paint</td>
<td></td>
<td></td>
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<td></td>
<td>None</td>
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<tr>
<td>8.3 Radon</td>
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<td></td>
<td>None</td>
</tr>
<tr>
<td>8.4 Mold</td>
<td></td>
<td></td>
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<td></td>
<td>None</td>
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</tbody>
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AEI Consultants (AEI) was retained by Capital Impact Partners to conduct a Phase I ESA in conformance with AEI’s contract and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at Parcel 36-43, Richmond Highway Route 360, Tappahannock, Essex County, Virginia (the “subject property”). Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

Pertinent subject property information is noted below:

<table>
<thead>
<tr>
<th>PROPERTY INFORMATION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Address(es)</td>
<td>Parcel 36-43, Richmond Highway Route 360, Tappahannock - Essex County, Virginia 22560</td>
</tr>
<tr>
<td>Property ID (APN or Block/Lot)</td>
<td>58680173</td>
</tr>
<tr>
<td>Location</td>
<td>Northeast corner of the intersection of Mount Clement Road and Richmond Highway</td>
</tr>
<tr>
<td>Property Type</td>
<td>Vacant Land</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE AND BUILDING INFORMATION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate Site Acreage/Source</td>
<td>13.18/ALTA Survey</td>
</tr>
<tr>
<td>Number of Buildings</td>
<td>N/A</td>
</tr>
<tr>
<td>Additional Improvements</td>
<td>Small private cemetery, unpaved driveway and intermittent stream</td>
</tr>
<tr>
<td>On-site Occupant(s)</td>
<td>N/A</td>
</tr>
<tr>
<td>Current On-site Operations/Use</td>
<td>Vacant land</td>
</tr>
<tr>
<td>Current Use of Hazardous Substances</td>
<td>None identified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REGULATORY INFORMATION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Database Listing(s)</td>
<td>None identified</td>
</tr>
</tbody>
</table>

A chronological summary of historical subject property information is as follows:

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Subject Property Description and Occupancy (Historical Addresses)</th>
<th>Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to 1918</td>
<td>Unknown use/Data failure; refer to Section 1.6.1</td>
<td>Topographic map</td>
</tr>
<tr>
<td>1918-1985</td>
<td>The southern portion of the subject property appears to be improved with a residence; the remainder of the site is wooded and an additional outbuilding (possibly associated with the private cemetery) is visible by 1982</td>
<td>Historical topographic maps, aerial photographs</td>
</tr>
<tr>
<td>1994-Present</td>
<td>The residence appears to have been demolished; the subject property consists of wooded, vacant land</td>
<td>Aerial photographs, site observation, agency records</td>
</tr>
</tbody>
</table>

The immediately surrounding properties consist of the following:

<table>
<thead>
<tr>
<th>Direction</th>
<th>Tenant/Use (Address)</th>
<th>Regulatory Database Listing(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>Single-family residence (322 Mount Clement Road) and vacant land</td>
<td>None identified</td>
</tr>
<tr>
<td>East</td>
<td>Wooded lots owned by Riverside Tappahannock Hospital (no assigned addresses)</td>
<td>None identified</td>
</tr>
<tr>
<td>South</td>
<td>Richmond Highway, followed by a single-family residence (347 Poplar Springs Road)</td>
<td>None identified</td>
</tr>
</tbody>
</table>
If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

**FINDINGS**

**Recognized Environmental Condition (REC)** is defined by the ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- AEI did not identify evidence of RECs during the course of this assessment.

**Controlled Recognized Environmental Condition (CREC)** is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- AEI did not identify evidence of CRECs during the course of this assessment.

**Historical Recognized Environmental Condition (HREC)** is defined by the ASTM Standard Practice E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- AEI did not identify evidence of HRECs during the course of this assessment.

**Other Environmental Considerations (OEC)** warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property. A de minimis condition is defined by the ASTM Standard...
as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

- According to the ALTA survey and Ms. Shiree Monterio, owner representative, a small cemetery is located on the eastern portion of the subject property. Due to heavy vegetation, AEI was unable to locate the cemetery during the site reconnaissance. Environmental concerns have been identified in connection with cemeteries. Possible contaminants include arsenic and mercury, which were used in past embalming and burial practices; formaldehyde from current embalming practices; varnishes, sealers, and preservatives used on wood coffins; and lead, zinc, and copper from metal coffins. These substances have been shown at some cemeteries to be leaching into the surrounding soil and groundwater. According to Ms. Monterio, the area in the vicinity of the cemetery will not be developed. However, in the event that the cemetery portion of the subject property is planned for redevelopment, subsurface sampling would be warranted. In addition, if groundwater is to be used for beneficial purposes, such as drinking water, sampling would be warranted.

**CONCLUSIONS, OPINIONS, AND RECOMMENDATIONS**

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) of Parcel 36-43, Richmond Highway Route 360, Tappahannock, Essex County, Virginia, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the subject property during the course of this assessment. AEI recommends no further investigation for the subject property at this time.
1.0 INTRODUCTION

This report documents the methods and findings of the Phase I Environmental Site Assessment performed in conformance with AEI's contract and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at Parcel 36-43, Richmond Highway Route 360, Tappahannock, Essex County, Virginia (Appendix A: Figures and Appendix B: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with ASTM E1527-13, associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal, and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

1.2 ADDITIONAL SERVICES

Other Environmental Considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by ASTM E1527-13. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI in this report. AEI relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.
1.4 LIMITATIONS

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under CERCLA. ASTM Standard Practice E1527-13 and the United States EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).

The Phase I Environmental Site Assessment is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, current subject property use, and observations and conditions that existed on the date and time of the property reconnaissance.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.
AEI's limited radon screening, if included, is intended to provide a preliminary screening to evaluate the potential presence of elevated radon concentrations at the site. The proposed scope is not intended to define the full extent of the presence of radon at the subject property. As such, the results should be used for lending purposes only. The recommendations and conclusions presented as a result of the limited preliminary radon screening apply strictly to the property conditions existing at the time the sampling was performed. The sample analytical results are only valid for the time, place, and condition of the site at the time of collection and AEI does not warrant that the results will be repeatable or are representative of past or future conditions.

1.5 Limiting Conditions/Deviations

The performance of this assessment was limited by the following:

- While additional assessments may have been conducted on the subject property, these documents must be provided for AEI's review in order for the information to be summarized/included in this report. Please refer to Section 6.3 for a summary of previous reports and other documentation provided to AEI during this assessment.
- The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.
- On August 31, 2022, the Tappahannock/Essex Volunteer Fire Department (TEVFD) was contacted for information on the subject property in order to identify historical tenants/use, property development, and/or hazardous substance/petroleum product handling. Due to the time frame of this assessment, records at the TEVFD were not available for review. However, based on the quality of information obtained from other sources, this limitation is not expected to significantly alter the findings of this assessment.
- Due to the size of the subject property, AEI performed a reconnaissance of the property utilizing a field technique of traversing the site in an attempt to provide an overlapping field of view. Due to the size of the property and the dense vegetation present on site, isolated areas of the site may have not been accessible for direct observation during AEI's field reconnaissance. Based on the former residential and current vacant property use, this limitation is not expected to significantly alter the findings of this assessment.

1.6 Data Failure and Data Gaps

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.
1.6.1 DATA FAILURE

The following data failure was identified during the course of this assessment:

<table>
<thead>
<tr>
<th>Data Failure</th>
<th>The earliest historical resource obtained during this assessment was a 1918 historical topographic map indicating that the subject property was developed with a residence. The lack of historical sources for the subject property dating back to first developed use represents historical data source failure. However, as it is assumed that the subject property would have been previously used for residential purposes, if not undeveloped, this data failure is not expected to significantly alter the findings of this assessment.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information/Sources Consulted</td>
<td>Topographic map</td>
</tr>
</tbody>
</table>

1.6.2 SIGNIFICANT DATA GAPS

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 RELIANCE

All reports, both verbal and written, are for the benefit of Capital Impact Partners. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI’s contract and Terms and Conditions executed by Capital Impact Partners on August 30, 2022. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI’s liability to the client and all relying parties.
2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

<table>
<thead>
<tr>
<th>PROPERTY INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Address(es)</td>
</tr>
<tr>
<td>Property ID (APN or Block/Lot)</td>
</tr>
<tr>
<td>Location</td>
</tr>
<tr>
<td>Property Type</td>
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<tr>
<th>SITE AND BUILDING INFORMATION</th>
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<tbody>
<tr>
<td>Approximate Site Acreage/Source</td>
</tr>
<tr>
<td>Number of Buildings</td>
</tr>
<tr>
<td>Additional Improvements</td>
</tr>
<tr>
<td>On-site Occupant(s)</td>
</tr>
<tr>
<td>Current On-site Operations/Use</td>
</tr>
<tr>
<td>Current Use of Hazardous Substances</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REGULATORY INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Database Listing(s)</td>
</tr>
</tbody>
</table>

2.2 ON-SITE UTILITIES

The subject property is currently vacant land or lacks structures. Consequently, there are no on-site heating or cooling systems, or potable water or sewage disposal/treatment services.

2.3 SITE AND VICINITY CHARACTERISTICS

The subject property is located in a rural residential and commercial area of Tappahannock, Virginia. The immediately surrounding properties consist of the following:

<table>
<thead>
<tr>
<th>Direction</th>
<th>Tenant/Use (Address)</th>
<th>Regulatory Database Listing(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>Single-family residence (322 Mount Clement Road) and vacant land</td>
<td>None identified</td>
</tr>
<tr>
<td>East</td>
<td>Wooded lots owned by Riverside Tappahannock Hospital (no assigned addresses)</td>
<td>None identified</td>
</tr>
<tr>
<td>South</td>
<td>Richmond Highway, followed by a single-family residence (347 Poplar Springs Road)</td>
<td>None identified</td>
</tr>
<tr>
<td>Southwest</td>
<td>Intersection of Richmond Highway and Mount Clement Road, followed by Tidewater Lumber Company (661 Richmond Highway and 151 Poplar Springs Road)</td>
<td>None identified</td>
</tr>
<tr>
<td>West</td>
<td>Mount Clement Road, followed by: James River Equipment (570 and 646 Richmond Highway)</td>
<td>None identified</td>
</tr>
<tr>
<td></td>
<td>Single-family residences (211-321 Mount Clement Road)</td>
<td></td>
</tr>
</tbody>
</table>

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.
2.4 Physical Setting

<table>
<thead>
<tr>
<th>Geologic Unit: Description/Source</th>
<th>Tc: Chesapeake Group - Fine to coarse, quatzose sand, silt and clay, age Upper Pliocene/USGS and United States Department of the Interior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Series: Description/Source</td>
<td>Rumford and Emporia soils: Loamy sand, sandy loam, fine sand, well drained, depth to water table is greater than 80 inches/USDA Soil Survey</td>
</tr>
<tr>
<td>Groundwater Flow Direction/Source</td>
<td>East-northeast/Topographic map interpretation</td>
</tr>
<tr>
<td>Estimated Depth to Groundwater/Source</td>
<td>~15 feet bgs/USGS NWIS</td>
</tr>
<tr>
<td>Surface waters on the subject property or adjoining sites</td>
<td>An intermittent stream is located on the northern portion of the subject property. The stream was dry during AEI's site reconnaissance</td>
</tr>
<tr>
<td>Additional notes</td>
<td>None</td>
</tr>
</tbody>
</table>

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.
3.0 HISTORICAL REVIEW OF SITE AND VICINITY

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

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Subject Property Description and Occupancy (Historical Addresses)</th>
<th>Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to 1918</td>
<td>Unknown use/Data failure; refer to Section 1.6.1</td>
<td>Topographic map</td>
</tr>
<tr>
<td>1918-1985</td>
<td>The southern portion of the subject property appears to be improved with a residence; the remainder of the site is wooded and an additional outbuilding (possibly associated with the private cemetery) is visible by 1982</td>
<td>Historical topographic maps, aerial photographs</td>
</tr>
<tr>
<td>1994-Present</td>
<td>The residence appears to have been demolished; the subject property consists of wooded, vacant land</td>
<td>Aerial photographs, site observation, agency records</td>
</tr>
</tbody>
</table>

According to the ALTA survey, a small cemetery is located on the eastern portion of the subject property. This feature appears to be visible in aerial photographs beginning in 1982. Due to heavy vegetation, AEI was unable to locate the cemetery during the site reconnaissance. Refer to Section 7.1 for additional information.

AEI did not identify any other potential environmental concerns in association with the current or historical use of the subject property.

If available, copies of historical sources are provided in Appendix D.

3.1 AERIAL PHOTOGRAPHS

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the EDR collection of aerial photographs. Aerial photographs were reviewed for the following years (1967-2018 (non-inclusive)):

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Subject Property Description</th>
<th>Adjoining Site Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1967, 1970, 1973</td>
<td>The southern portion of the subject property appears to be improved with a residence; the remainder appears as wooded land</td>
<td>NORTH: Wooded and agricultural land East: Wooded land and a single-family residence South: Roadway, followed by commercial structures and woodlands SouthWest: Roadway, intersection followed by commercial structures West: Single-family residences and associated agricultural land</td>
</tr>
<tr>
<td>1982</td>
<td>An outbuilding (possibly near the cemetery) is visible to the northeast of the residence</td>
<td>Surrounding properties: No significant changes</td>
</tr>
<tr>
<td>1994, 2002*, 2003*, 2007*, 2008*, 2009</td>
<td>The residence appears to have been demolished; the subject property consists of wooded, vacant land</td>
<td>NORTH: No significant changes East: No significant changes South: Roadway, followed by current commercial buildings</td>
</tr>
</tbody>
</table>
AEI did not identify potential environmental concerns in association with the historical use of the subject property during the aerial photograph review.

*Due to copyright restrictions, copies of the aerial photographs reviewed are not included in the appendices, but can be viewed online at historicaerials.com and through Google Earth.

### 3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of the EDR collection of Sanborn Fire Insurance maps.

Sanborn map coverage was not available for the subject property.

### 3.3 City Directories

A search of historical city directories was conducted for the subject property utilizing EDR. Directories were reviewed in approximate five-year increments from 2000-2017 (non-inclusive). Since the subject property has been undeveloped since the 1990s, no physical address has been provided to or identified by AEI during the course of this assessment. Based on the lack of physical address, no listings were identified for the subject property.

### 3.4 Historical Topographic Maps

A search of historical topographic maps was conducted for the subject property utilizing EDR. Historical topographic maps were reviewed for the years 1918-1985 (non-inclusive). Topographic maps were reviewed for the following years:

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Subject Property Description</th>
<th>Adjoining Site Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1918, 1938, 1944</td>
<td>Residential structure is depicted on southern portion of the subject property; a stream is depicted on the northern portion of the site</td>
<td>NORTH: Unimproved land EAST: Residential structures SOUTH: Roadway, followed by residential structures SOUTHWEST: Roadway, followed by residential structure WEST: Roadway, followed by residential structures</td>
</tr>
<tr>
<td>1961, 1971, 1974</td>
<td>No significant changes other than the subject property is depicted as wooded land</td>
<td>NORTH: No significant changes EAST: No significant changes SOUTH: Richmond Highway is in its current configuration SOUTHWEST: Commercial structure by 1971 WEST: No significant changes</td>
</tr>
<tr>
<td>1985</td>
<td>An unpaved road and outbuilding are depicted on the southern portion of the subject property</td>
<td>NORTH: No significant changes EAST: No significant changes SOUTH: Richmond Highway is in its current configuration</td>
</tr>
</tbody>
</table>
AEI did not identify potential environmental concerns in association with the historical use of the subject property during the historic topographic map review.

3.5 Chain of Title

Based on the quality of information obtained from other sources, a chain of title search was not performed as part of this assessment.
4.0 REGULATORY AGENCY RECORDS REVIEW

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1 LOCAL ENVIRONMENTAL HEALTH DEPARTMENT AND/OR STATE ENVIRONMENTAL AGENCY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Contacted</th>
<th>Method of Contact</th>
<th>Name &amp; Title of Contact</th>
<th>Agency Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia Department of Health Three Rivers Health District (VDH TRHD)</td>
<td>August 31, 2022</td>
<td>Website</td>
<td>Krystal Reagan, Staff</td>
<td>No records on file</td>
</tr>
<tr>
<td>Virginia Department of Environmental Quality (VDEQ)</td>
<td>August 31, 2022</td>
<td>Website</td>
<td>N/A</td>
<td>No records on file</td>
</tr>
</tbody>
</table>

4.2 FIRE DEPARTMENT

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Contacted</th>
<th>Method of Contact</th>
<th>Name &amp; Title of Contact</th>
<th>Agency Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tappahannock/Essex Volunteer Fire Department (TEVFD)</td>
<td>August 31, 2022</td>
<td>Email</td>
<td>Mr. Kyle Dunham, Captain</td>
<td>Response pending, refer to Section 1.5</td>
</tr>
</tbody>
</table>

4.3 BUILDING DEPARTMENT

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Contacted</th>
<th>Method of Contact</th>
<th>Name &amp; Title of Contact</th>
<th>Agency Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essex County Building Department (ECBD)</td>
<td>August 31, 2022</td>
<td>Email</td>
<td>Mr. Michael Lombardo, County Administrator</td>
<td>No records on file</td>
</tr>
</tbody>
</table>

AEI spoke with Mr. Michael Lombardo, County Administrator, who indicated that there was no information on file for the subject property with the ECBD.

4.4 PLANNING DEPARTMENT

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Contacted</th>
<th>Method of Contact</th>
<th>Name &amp; Title of Contact</th>
<th>Agency Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essex County Planning and Zoning Department (ECPZD)</td>
<td>August 31, 2022</td>
<td>Email</td>
<td>Mr. Michael Lombardo, County Administrator</td>
<td>No evidence indicating the existence of AULs on file for the subject property</td>
</tr>
</tbody>
</table>
4.5 ASSESSOR’S OFFICE

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Contacted</th>
<th>Method of Contact</th>
<th>Name &amp; Title of Contact</th>
<th>Agency Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essex County Assessor’s Office</td>
<td>August 31, 2022</td>
<td>Website</td>
<td>N/A</td>
<td>Information obtained is discussed below</td>
</tr>
</tbody>
</table>

Records Summary

<table>
<thead>
<tr>
<th>APN</th>
<th>58680173</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acreage</td>
<td>13.18 acres</td>
</tr>
<tr>
<td>Construction Date</td>
<td>N/A</td>
</tr>
<tr>
<td>Building Square Footage</td>
<td>N/A</td>
</tr>
<tr>
<td>Current Owner</td>
<td>GASKINS, STANLEY B</td>
</tr>
</tbody>
</table>

Additional Information

The county assessor identifies the subject property parcel as Tax Parcel: 36 46A. According to Ms. Shiree Monterio, the county has not updated their system and the correct parcel number is 36 43. Additionally, the county incorrectly identifies the acreage as 7.68. Ms. Monterio also indicated that the current owner is her mother, Ms. Juno Monterio.

4.6 OTHER AGENCIES SEARCHED

No other agencies were contacted during the course of this assessment.

4.7 OIL AND GAS WELLS

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Referenced</th>
<th>Resource</th>
<th>Oil or gas wells located within 500 feet of the subject property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia Department of Mines, Minerals and Energy (DMME) Gas and Oil</td>
<td>August 31, 2022</td>
<td>VDMME Map</td>
<td>No</td>
</tr>
<tr>
<td>Energy (VDMME)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4.8 OIL AND GAS PIPELINES

<table>
<thead>
<tr>
<th>Agency</th>
<th>Date Referenced</th>
<th>Resource</th>
<th>Pipelines located within 500 feet of the subject property</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Pipeline Mapping System (NPMS)</td>
<td>August 31, 2022</td>
<td>NPMS Public Map Viewer</td>
<td>No</td>
</tr>
</tbody>
</table>

4.9 STATE ENVIRONMENTAL SUPERLIENS

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state environmental superliens.

4.10 STATE PROPERTY TRANSFER LAWS

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state property transfer laws.
5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted EDR to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by EDR into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of “Orphan” sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by EDR, rather, information is provided based upon vicinity zip codes, city name, and state. The minimum search distance from the federal and state environmental records database listings specified in the current ASTM Standard E1527 is included in Section 5.1. A copy of the regulatory database report, which includes detailed descriptions of the databases noted below as well as the total number of sites identified, is included in Appendix C of this report.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site’s distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted “No Further Action” by the appropriate regulatory agency.

Regulatory database listings associated with the subject property, adjoining site(s) and/or nearby sites of concern that were determined to warrant additional discussion are identified and further discussed in Section 5.1.

5.1 RECORDS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Subject Property</th>
<th>Adjoining Site(s)</th>
<th>Other Nearby Sites of Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal NPL (Superfund) sites</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Delisted NPL sites</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal CERCLA removals/orders lists</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal CERCLA sites with NFRAP</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal RCRA facilities undergoing Corrective Action</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal RCRA TSD facilities</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal RCRA generator lists (LQG, SQG, VSQG)</td>
<td>SP/ADJ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal RCRA NonGen/NLR list</td>
<td>SP/ADJ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal IC/EC registries</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal ERNS list</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State- and tribal “Superfund” equivalent sites</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State- and tribal hazardous waste facilities</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State/Tribal landfill and solid waste disposal lists</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State/Tribal leaking storage tanks</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State/Tribal registered storage tanks</td>
<td>SP/ADJ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State/Tribal voluntary cleanup sites</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Database</td>
<td>Search Distance (Miles)</td>
<td>Subject Property</td>
<td>Adjoining Site(s)</td>
<td>Other Nearby Sites of Concern</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-------------------------</td>
<td>------------------</td>
<td>-------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>State/Tribal EC/IC registries</td>
<td></td>
<td>SP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State/Tribal brownfield sites</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orphans</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional Environmental Record lists</td>
<td></td>
<td>SP/ADJ</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Facility Name**  
Southern States Rappahannock Petroleum Service  
**Address**  
1616 Tappahannock Boulevard  
**Distance & Direction**  
Adjoining to the west  
**Hydrologic Position**  
Up-gradient  
**Databases Listed**  
UST  
**Comments**  
This property appears to have been improperly mapped. This site is mapped adjoining to the west of the subject property; however, 1616 Tappahannock Boulevard is located greater than 1 mile northeast of the subject property. Based on the relative distance, this site is not expected to represent a significant environmental concern.

5.2 **Vapor Migration**

AEI reviewed reasonably ascertainable information for the subject and nearby properties, including a regulatory database, files for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present which could impact the subject property.

AEI did not identify significant on-site concerns and/or regulated listings from nearby sites which suggest that a vapor-phase migration concern currently exists at the subject property.
6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 OWNER AND KEY SITE MANAGER

<table>
<thead>
<tr>
<th>Relation to Property</th>
<th>Name</th>
<th>Date Interviewed</th>
<th>Method of Contact</th>
<th>Year First Associated w/ Property</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner/Representative</td>
<td>Ms. Shiree Monterio</td>
<td>September 16, 2022</td>
<td>Telephone</td>
<td>1980</td>
<td>Interviewed; see Interview Summary table below</td>
</tr>
<tr>
<td>Key Site Manager</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Owner is acting Key Site Manager; see Interview Summary table below</td>
</tr>
</tbody>
</table>

**INTERVIEW SUMMARY**

<table>
<thead>
<tr>
<th>Question</th>
<th>Owner (Representative)/Key Site Manager Response/Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you have any knowledge of USTs, clarifiers or oil/water separators, sumps, or other subsurface features?</td>
<td>No</td>
</tr>
<tr>
<td>Do you have any knowledge of previous environmental investigations conducted on site?</td>
<td>No</td>
</tr>
<tr>
<td>Do you have any knowledge of current or past industrial operations and/or other operations which would involve the use of hazardous substances and/or petroleum products?</td>
<td>No</td>
</tr>
<tr>
<td>Are you aware of any known plans for site redevelopment or change in site use?</td>
<td>Yes</td>
</tr>
<tr>
<td>Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property?</td>
<td>No</td>
</tr>
<tr>
<td>Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, at, or from the subject property?</td>
<td>No</td>
</tr>
<tr>
<td>Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?</td>
<td>No</td>
</tr>
<tr>
<td>Are you aware of any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality?</td>
<td>No</td>
</tr>
</tbody>
</table>

According to Ms. Monterio, the subject property will be developed into a planned aging-in-place community that connects affordable senior housing and healthcare. Ms. Monterio also indicated the area in the vicinity of the private cemetery will not be developed.
6.1.2 Past Owners, Operators, and Occupants

AEI did not attempt to interview past owners, operators, and occupants of the subject property because Ms. Monterio’s family has owned the property since the 1800s.

6.1.3 Interview with Others

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this report.

6.2 User Provided Information

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

<table>
<thead>
<tr>
<th>Question</th>
<th>Response/Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Environmental liens that are filed or recorded against the property</td>
<td>Information not provided</td>
</tr>
<tr>
<td>(40 CFR 312.25)</td>
<td></td>
</tr>
<tr>
<td>Did a search of recorded land title records (or judicial records where</td>
<td></td>
</tr>
<tr>
<td>appropriate) identify any environmental liens filed or recorded against</td>
<td></td>
</tr>
<tr>
<td>the property under federal, tribal, state or local law?</td>
<td></td>
</tr>
<tr>
<td>2. Activity and use limitations that are in place on the property or</td>
<td>Information not provided</td>
</tr>
<tr>
<td>that have been filed or recorded against the property (40 CFR 312.26(a)</td>
<td></td>
</tr>
<tr>
<td>(v) and vi)).</td>
<td></td>
</tr>
<tr>
<td>Did a search of recorded land title records (or judicial records where</td>
<td></td>
</tr>
<tr>
<td>appropriate) identify any AULs, such as engineering controls, land use</td>
<td></td>
</tr>
<tr>
<td>restrictions or institutional controls that are in place at the property</td>
<td></td>
</tr>
<tr>
<td>and/or have been filed or recorded against the property under federal,</td>
<td></td>
</tr>
<tr>
<td>tribal, state or local law?</td>
<td></td>
</tr>
<tr>
<td>3. Specialized knowledge or experience of the person seeking to qualify</td>
<td>Information not provided</td>
</tr>
<tr>
<td>for the LLP (40 CFR 312.28).</td>
<td></td>
</tr>
<tr>
<td>Do you have any specialized knowledge or experience related to the</td>
<td></td>
</tr>
<tr>
<td>property or nearby properties? For example, are you involved in the</td>
<td></td>
</tr>
<tr>
<td>same line of business as the current or former occupants of the property</td>
<td></td>
</tr>
<tr>
<td>or an adjoining property so that you would have specialized knowledge of</td>
<td></td>
</tr>
<tr>
<td>the chemicals and processes used by this type of business?</td>
<td></td>
</tr>
<tr>
<td>4. Relationship of the purchase price to the fair market value of the</td>
<td>Information not provided</td>
</tr>
<tr>
<td>property if it were not contaminated (40 CFR 312.29).</td>
<td></td>
</tr>
<tr>
<td>Does the purchase price being paid for this property reasonably reflect</td>
<td></td>
</tr>
<tr>
<td>the fair market value of the property? If you conclude that there is</td>
<td></td>
</tr>
<tr>
<td>a difference, have you considered whether the lower purchase price is</td>
<td></td>
</tr>
<tr>
<td>because contamination is known or believed to be present at the property</td>
<td></td>
</tr>
<tr>
<td>5. Commonly known or reasonably ascertainable information about the</td>
<td>Information not provided</td>
</tr>
<tr>
<td>property (40 CFR 312.30).</td>
<td></td>
</tr>
<tr>
<td>Question</td>
<td>Response/Comment</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:</td>
<td></td>
</tr>
<tr>
<td>(a) Do you know the past uses of the property?</td>
<td>Information not provided</td>
</tr>
<tr>
<td>(b) Do you know of specific chemicals that are present or once were present at the property?</td>
<td></td>
</tr>
<tr>
<td>(c) Do you know of spills or other chemical releases that have taken place at the property?</td>
<td></td>
</tr>
<tr>
<td>(d) Do you know of any environmental cleanups that have taken place at the property?</td>
<td></td>
</tr>
</tbody>
</table>

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

Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION

No prior reports or other relevant documentation in association with the subject property was made available to AEI during the course of this assessment.

6.4 ENVIRONMENTAL LIEN SEARCH

In accordance with our approved scope of services, an environmental lien search was not performed as part of this assessment.
7.0 SITE RECONNAISSANCE

<table>
<thead>
<tr>
<th>Site Reconnaissance Date</th>
<th>September 15, 2022</th>
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</thead>
<tbody>
<tr>
<td>AEI Site Assessor(s)</td>
<td>Katharine White</td>
</tr>
<tr>
<td>Property Escort(s)/</td>
<td>AEI was not escorted during the site reconnaissance</td>
</tr>
<tr>
<td>Relationship(s) to Property</td>
<td></td>
</tr>
<tr>
<td>Units/Areas Observed</td>
<td>Due to the size of the subject property, AEI performed a reconnaissance of the property utilizing a field technique of traversing the site in an attempt to provide an overlapping field of view. Due to the size of the property and the dense vegetation present on site, isolated areas of the site may have not been accessible for direct observation during AEI's field reconnaissance.</td>
</tr>
<tr>
<td>Area(s) not accessed and reason(s)</td>
<td>Refer to Section 1.5 for discussion of limiting condition(s)</td>
</tr>
<tr>
<td>Other Physical Constraints</td>
<td>None</td>
</tr>
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Reconnaissance Findings Summary

<table>
<thead>
<tr>
<th>Feature</th>
<th>Observed on Subject Property (see Section 7.1)</th>
<th>Observed on Adjoining Property (see Section 7.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)</td>
<td></td>
<td></td>
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<tr>
<td>Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unidentified Substance Containers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical or Mechanical Equipment Likely to Contain Fluids</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Interior Stains or Corrosion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strong, Pungent, or Noxious Odors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pools of Liquid</td>
<td></td>
<td></td>
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<tr>
<td>Drains, Sumps, and Clarifiers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pits, Ponds, and Lagoons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stained Soil or Pavement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stressed Vegetation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid Waste Disposal or Evidence of Fill Materials</td>
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<td></td>
</tr>
<tr>
<td>Waste Water Discharges</td>
<td></td>
<td></td>
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<tr>
<td>Wells</td>
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<tr>
<td>Septic Systems</td>
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<td></td>
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<tr>
<td>Biomedical Wastes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>✔</td>
<td></td>
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7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.1.1 OTHER

According to the ALTA survey, a small cemetery is located on the eastern portion of the subject property. Due to heavy vegetation, AEI was unable to locate the cemetery during the site reconnaissance. Environmental concerns have been identified in connection with cemeteries.
Possible contaminants include arsenic and mercury, which were used in past embalming and burial practices; formaldehyde from current embalming practices; varnishes, sealers, and preservatives used on wood coffins; and lead, zinc, and copper from metal coffins. These substances have been shown at some cemeteries to be leaching into the surrounding soil and groundwater. In the event that the cemetery portion of the subject property is planned for redevelopment, subsurface sampling would be warranted. In addition, if groundwater is to be used for beneficial purposes, such as drinking water, sampling would be warranted.

7.2 Adjoining Property Reconnaissance Findings

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.2.1 Electrical or Mechanical Equipment Likely to Contain Fluids

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered “Non-PCB”; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing." Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformer(s)

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Pole-mounted transformers were observed on the adjoining sites during the site reconnaissance. No spills, staining, or leaks were observed on or around the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.
8.0 NON-ASTM SERVICES

8.1 Asbestos-Containing Building Materials
The subject property is currently vacant land or lacks structures. Consequently, no building components containing suspect asbestos containing materials were identified during the site inspection.

8.2 Lead-Based Paint
The subject property is currently vacant land or lacks structures. Consequently, AEI did not observe building components likely to contain suspect LBP during the site reconnaissance.

8.3 Radon
Radon is a naturally-occurring, odorless, and invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The United States EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three radon zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 pCi/L. It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not requested as part of this assessment. According to the US EPA, the radon zone level for the area is Zone 3, which has a predicted average indoor screening level less than 2.0 pCi/L, below the action level of 4.0 pCi/L set forth by the US EPA.

8.4 Mold
The subject property is currently vacant land or lacks structures. Consequently, mold was not addressed as part of this assessment.
9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By: Katharine White
Project Manager

Reviewed By: L. Alex Benedict, MPH
Senior Author
## 10.0 REFERENCES

<table>
<thead>
<tr>
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<td>USGS, Mount Landing, VA</td>
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<td>Depth to Groundwater Information</td>
<td>Accessed September 2022</td>
<td>USGS NWIS</td>
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<tr>
<td>Aerial Photographs</td>
<td>1967-2018 (non-inclusive)</td>
<td>EDR</td>
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<td>2000-2017 (non-inclusive)</td>
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<td>1918-1985 (non-inclusive)</td>
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<td>August 31, 2022</td>
<td>Virginia Department of Health Three Rivers Health District</td>
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<td>August 31, 2022</td>
<td>Virginia Department of Environmental Quality</td>
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<td>Fire Department</td>
<td>August 31, 2022</td>
<td>Tappahannock/Essex Volunteer Fire Department</td>
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<td>Essex County Building Department</td>
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<td>Planning Department</td>
<td>August 31, 2022</td>
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<td>Assessor's Information and Parcel Map</td>
<td>August 31, 2022</td>
<td>Essex</td>
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<tr>
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<td>August 31, 2022</td>
<td>Virginia Department of Mines, Minerals and Energy (DMME) Gas and Oil Map Virginia Energy</td>
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<td>Oil and Gas Pipelines</td>
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<td>NPMS Public Map Viewer <a href="https://www.npms.phmsa.dot.gov/PublicViewer/composite.jsf">https://www.npms.phmsa.dot.gov/PublicViewer/composite.jsf</a></td>
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<td>September 12, 2022</td>
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<td>Interview with Owner</td>
<td>September 16, 2022</td>
<td>Ms. Shiree Monterio</td>
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<td>Radon Zone Information</td>
<td>1993</td>
<td>US EPA Map of Radon Zones <a href="https://www.epa.gov/radon">https://www.epa.gov/radon</a></td>
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APPENDIX A

FIGURES
FIGURE 1: TOPOGRAPHIC MAP
Parcel 36-43, Richmond Highway Route 360, Tappahannock, Virginia 22560
AEI Project Number: 468565
FIGURE 2: SITE MAP
Parcel 36-43, Richmond Highway Route 360, Tappahannock, Virginia 22560
AEI Project Number: 468565
1. View of the subject property from Richmond Highway

2. View of the subject property from Mount Clement Road
3. View of the gated driveway to the former residence

4. View of the northern portion of the subject property
5. View of the central portion of the subject property

6. View of northern adjoining residence
7. View of eastern adjacent properties

8. View of western adjoining residence
9. View to the south

10. View of Tidewater Lumber to the southwest
11. View of James River Equipment to the west
APPENDIX C

REGULATORY DATABASE
468565
Parcel 36-43 Richmond Highway Route 360
Tappahannock, VA 22560

Inquiry Number: 7115246.2s
September 12, 2022
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<td>Map Findings Summary</td>
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<td>Map Findings</td>
<td>8</td>
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<td>Orphan Summary</td>
<td>23</td>
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<tr>
<td>Government Records Searched/Data Currency Tracking</td>
<td>GR-1</td>
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</table>

## GEOCHECK ADDENDUM

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| Physical Setting Source Summary               | A-2   |
| Physical Setting SSURGO Soil Map              | A-5   |
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| Physical Setting Source Map Findings          | A-15  |
| Physical Setting Source Records Searched       | PSGR-1 |

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Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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TARGET PROPERTY INFORMATION

ADDRESS
PARCEL 36-43 RICHMOND HIGHWAY ROUTE 360
TAPPAHANNOCK, VA 22560

COORDINATES
Latitude (North): 37.8963760 - 37° 53' 46.95"
Longitude (West): 76.8787500 - 76° 52' 43.50"
Universal Tranverse Mercator: Zone 18
UTM X (Meters): 334807.5
UTM Y (Meters): 4195776.5
Elevation: 86 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY
Target Property Map: 5954423 MOUNT LANDING, VA
Version Date: 2013

Northeast Map: 5954435 TAPPAHANNOCK, VA
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT
Portions of Photo from: 20140526
Source: USDA
### Target Property Address:
**PARCEL 36-43 RICHMOND HIGHWAY ROUTE 360**  
**TAPPAHANNOCK, VA 22560**

Click on Map ID to see full detail.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>ADDRESS</th>
<th>DATABASE ACRONYMS</th>
<th>RELATIVE ELEVATION</th>
<th>DIST (ft. &amp; mi.) DIRECTION</th>
</tr>
</thead>
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<tr>
<td>1</td>
<td>SOUTHERN STATES RAPP</td>
<td>1616 TAPPAHANNOCK BL</td>
<td>UST</td>
<td>Higher</td>
<td>152, 0.029, SSW</td>
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<tr>
<td>A2</td>
<td>RIVERSIDE TAPPAHANNO</td>
<td>618 HOSPITAL ROAD</td>
<td>RCRA-VSQG</td>
<td>Lower</td>
<td>1207, 0.229, NE</td>
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<td>A3</td>
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<td>618 HOSPITAL RD</td>
<td>UST, AST</td>
<td>Lower</td>
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<tr>
<td>A4</td>
<td>TAPPAHANNOCK JUNIOR</td>
<td>170 MELODY CT</td>
<td>LUST, LTANKS</td>
<td>Lower</td>
<td>1251, 0.237, NE</td>
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<td>5</td>
<td>HARRIS THOMAS RESIDE</td>
<td>23263 TIDEWATER TRL</td>
<td>LUST, LTANKS</td>
<td>Lower</td>
<td>1749, 0.331, East</td>
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<tr>
<td>B6</td>
<td>COURTNEY PEAL C RESI</td>
<td>23522 TIDEWATER TRAI</td>
<td>LUST, LTANKS</td>
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<td>2243, 0.425, ESE</td>
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<td>23526 TIDEWATER TRL</td>
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<td>Lower</td>
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</tbody>
</table>
EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites
- NPL: National Priority List
- Proposed NPL: Proposed National Priority List Sites
- NPL LIENS: Federal Superfund Liens

Lists of Federal Delisted NPL sites
- Delisted NPL: National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders
- FEDERAL FACILITY: Federal Facility Site Information listing
- SEMS: Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP
- SEMS-ARCHIVE: Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action
- CORRACTS: Corrective Action Report

Lists of Federal RCRA TSD facilities
- RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators
- RCRA-LQG: RCRA - Large Quantity Generators
- RCRA-SQG: RCRA - Small Quantity Generators

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

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
INDIAN LUST. Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks
FEMA UST. Underground Storage Tank Listing
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
INDIAN VCP. Voluntary Cleanup Priority Listing
VCP. Voluntary Remediation Program

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
**EXECUTIVE SUMMARY**

*Local Land Records*
- LIENS 2: CERCLA Lien Information

*Records of Emergency Release Reports*
- HMIRS: Hazardous Materials Information Reporting System
- SPILLS: Prep/Spills Database Listing
- SPILLS 90: SPILLS 90 data from FirstSearch

*Other Ascertainable Records*
- RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
- FUDS: Formerly Used Defense Sites
- DOD: Department of Defense Sites
- SCRDR 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
- TSCT: Toxic Substances Control Act
- TRIS: Toxic Chemical Release Inventory System
- SSTS: Section 7 Tracking Systems
- ROD: Records Of Decision
- RMP: Risk Management Plans
- RAATS: RCRA Administrative Action Tracking System
- PRP: Potentially Responsible Parties
- PADS: PCB Activity Database System
- ICIS: Integrated Compliance Information System
- FTT5: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
- MLTS: Material Licensing Tracking System
- COAL ASH DOE: Steam-Electric Plant Operation Data
- COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
- PCB TRANSFORMER: PCB Transformer Registration Database
- RADINFO: Radiation Information Database
- HIST FTT5: FIFRA/TSCA Tracking System Administrative Case Listing
- DOT OPS: Incident and Accident Data
- CONSENT: Superfund (CERCLA) Consent Decrees
- INDIAN RESERV: Indian Reservations
- FUSRAP: Formerly Utilized Sites Remedial Action Program
- UMTRA: Uranium Mill Tailings Sites
- LEAD SMELTERS: Lead Smelter Sites
- US AIRS: Aerometric Information Retrieval System Facility Subsystem
- US MINES: Mines Master Index File
- ABANDONED MINES: Abandoned Mines
- FINDS: Facility Index System/Facility Registry System
- ECHO: Enforcement & Compliance History Information
- UXO: Unexploded Ordnance Sites
- DOCKET HWC: Hazardous Waste Compliance Docket Listing
- FUELS PROGRAM: EPA Fuels Program Registered Listing
- AIRS: Permitted Airs Facility List
- NPDDES: Comprehensive Environmental Data System
- COAL ASH: Coal Ash Disposal Sites
- DRYCLEANERS: Drycleaner List
EXECUTIVE SUMMARY

ENF.. Enforcement Actions Data
Financial Assurance.. Financial Assurance Information Listing
TIER 2.. Tier 2 Information Listing
UIC.. Underground Injection Control Wells
MINES MRDS.. Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA 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 06/20/2022 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

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<th>Direction / Distance</th>
<th>Map ID</th>
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<tbody>
<tr>
<td>RIVERSIDE TAPPAHANNO</td>
<td>618 HOSPITAL ROAD</td>
<td>NE 1/8 - 1/4 (0.229 mi.)</td>
<td>A2</td>
<td>11</td>
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</table>
Executive Summary

EPA ID:: VAD988204996

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

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<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>TAPPAHANNOCK JUNIOR</td>
<td>170 MELODY CT</td>
<td>NE 1/8 - 1/4 (0.237 mi.)</td>
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LTANKS: The Leaking Tanks Database contains current Leaking petroleum tanks. The data comes from the Department of Environmental Quality.

A review of the LTANKS list, as provided by EDR, and dated 05/02/2022 has revealed that there are 5 LTANKS sites within approximately 0.5 miles of the target property.

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**EXECUTIVE SUMMARY**

Pollution Complaint #: 20144255
Facility Status: Closed

**WHITE ARTHUR D JR RE**
CEDS Facility Id: 200000851465
Pollution Complaint #: 20094520
Facility Status: Closed

**HALL LUCY D PROPERTY**
CEDS Facility Id: 200000858960
Pollution Complaint #: 20134318
Facility Status: Closed

---

### Lists of state and tribal registered storage tanks

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality’s Underground Storage Tank Data Notification Information.

A review of the UST list, as provided by EDR, and dated 05/02/2022 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

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**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 05/02/2022 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

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

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<td>ROMAS RESTAURANT</td>
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## MAP FINDINGS SUMMARY

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### STANDARD ENVIRONMENTAL RECORDS

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

- NPL
- Proposed NPL
- NPL LIENS

**Lists of Federal Delisted NPL sites**

- Delisted NPL

**Lists of Federal sites subject to CERCLA removals and CERCLA orders**

- FEDERAL FACILITY
- SEMS

**Lists of Federal CERCLA sites with NFRAP**

- SEMS-ARCHIVE

**Lists of Federal RCRA facilities undergoing Corrective Action**

- CORRACTS

**Lists of Federal RCRA TSD facilities**

- RCRA-TSDF

**Lists of Federal RCRA generators**

- RCRA-LOQ
- RCRA-SQG
- RCRA-VSQG

**Federal institutional controls / engineering controls registries**

- LUCIS
- US ENG CONTROLS
- US INST CONTROLS

**Federal ERNS list**

- ERNS

**Lists of state- and tribal hazardous waste facilities**

- SHWS

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

- SWF/LF

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

- LUST
## MAP FINDINGS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt;1/8</th>
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### Lists of state and tribal registered storage tanks

- **FEMA UST**: 0.250
  - Target Property: 0
  - Plotted: 0
- **UST**: 0.250
  - Target Property: 1
  - Plotted: 0
- **AST**: 0.250
  - Target Property: 1
  - Plotted: 0
- **INDIAN UST**: 0.250
  - Target Property: 0
  - Plotted: 0

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

- **ENG CONTROLS**: 0.500
  - Target Property: 0
  - Plotted: 0
- **INST CONTROL**: 0.500
  - Target Property: 0
  - Plotted: 0

### Lists of state and tribal voluntary cleanup sites

- **INDIAN VCP**: 0.500
  - Target Property: 0
  - Plotted: 0
- **VCP**: 0.500
  - Target Property: 0
  - Plotted: 0

### Lists of state and tribal brownfield sites

- **BROWNFIELDS**: 0.500
  - Target Property: 0
  - Plotted: 0

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

- **US BROWNFIELDS**: 0.500
  - Target Property: 0
  - Plotted: 0

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

- **INDIAN ODI**: 0.500
  - Target Property: 0
  - Plotted: 0
- **ODI**: 0.500
  - Target Property: 0
  - Plotted: 0
- **DEBRIS REGION 9**: 0.500
  - Target Property: 0
  - Plotted: 0
- **IHS OPEN DUMPS**: 0.500
  - Target Property: 0
  - Plotted: 0

#### Local Lists of Hazardous waste / Contaminated Sites

- **US HIST CDL**: TP
  - Target Property: NR
  - Plotted: 0
- **US CDL**: TP
  - Target Property: NR
  - Plotted: 0

#### Local Land Records

- **LIENS 2**: TP
  - Target Property: NR
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#### Records of Emergency Release Reports

- **HMIRS**: TP
  - Target Property: NR
  - Plotted: 0
- **SPIFFS**: TP
  - Target Property: NR
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- **SPIFFS 90**: TP
  - Target Property: NR
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#### Other Ascertainable Records

- **RCRA NonGen / NLR**: 0.250
  - Target Property: 0
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- **FUDS**: 1.000
  - Target Property: 0
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### MAP FINDINGS SUMMARY

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**EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records**

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<th>Target Property</th>
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<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
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# MAP FINDINGS SUMMARY

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<th>Total Plotted</th>
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## EDR RECOVERED GOVERNMENT ARCHIVES

### Exclusive Recovered Govt. Archives

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<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
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- Totals --  
  0  1  5  8  0  0  14

### 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.
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<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Site</td>
<td>SOUTHERN STATES RAPPAHANNOCK PETROLEUM SVC</td>
</tr>
<tr>
<td>UST</td>
<td>U003683982</td>
</tr>
<tr>
<td>EDR ID Number</td>
<td>N/A</td>
</tr>
<tr>
<td>Facility Name</td>
<td>SOUTHERN STATES RAPPAHANNOCK PETROLEUM SVC</td>
</tr>
<tr>
<td>Address</td>
<td>1616 TAPPAHANNOCK BLVD</td>
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<tr>
<td>City, State, Zip</td>
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<td>Facility Type</td>
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<td>CEDS Facility ID</td>
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<tr>
<td>Owner</td>
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<td>Number of Inactive AST</td>
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<tr>
<td>Tank Number</td>
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<tr>
<td>Tank Capacity</td>
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<td>Tank Contents</td>
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<tr>
<td>Tank Status</td>
<td>REM FROM GRD</td>
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<tr>
<td>Tank Type</td>
<td>UST</td>
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<tr>
<td>Tank Material</td>
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<tr>
<td>Install Date</td>
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<tr>
<td>Tank Materials: Bare Steel</td>
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<tr>
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<tr>
<td>Tank Materials: Composite</td>
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<tr>
<td>Tank Materials: Double Walled</td>
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<tr>
<td>Tank Materials: Lined Interior</td>
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</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
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<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
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<tr>
<td>Tank Materials: Repaired</td>
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</tr>
<tr>
<td>Tank Materials: Unknown</td>
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<tr>
<td>Tank Materials: Other</td>
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<td>Tank Materials: Other Note</td>
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<td>Tank Release Detection: Leak Deferred</td>
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<tr>
<td>Tank Release Detection: Manual Gauge</td>
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<tr>
<td>Tank Release Detection: Auto Gauge</td>
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<tr>
<td>Tank Release Detection: Vapor Monitor</td>
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SOUTHERN STATES RAPPAHANNOCK PETROLEUM SVC (Continued)  U003683982

Tank Release Detection: Inventory  No
Tank Release Detection: Stat Invent Recon  No
Tank Release Detection: Spill Install  No
Tank Release Detection: Overfill Install  No
Tank Release Detection: Groundwater  No
Tank Release Detection: Int Sec Containment  No
Tank Release Detection: Int Double Walled  No
Tank Release Detection: Other Method  No
Tank Release Detection: Other Note  Not reported
Pipe Release Detection: Leak Deferred  Not reported
Pipe Release Detection: Autoleak  Not reported
Pipe Release Detection: Line Tightness  No
Pipe Release Detection: Stat Invent Recon  No
Pipe Release Detection: Groundwater  No
Pipe Release Detection: Int Sec Containment  No
Pipe Release Detection: Interior Double Walled  No
Pipe Release Detection: Other Method  No
Pipe Release Detection: Other Note  Not reported

Pipe Type:  NO VALVE SUCTION
Pipe Materials: Bare Steel  No
Pipe Materials: Galvanized Steel  Yes
Pipe Materials: Copper  No
Pipe Materials: Fiberglass  No
Pipe Materials: Cath Protect  No
Pipe Materials: Double Walled  No
Pipe Materials: Sec Containment  No
Pipe Materials: Repaired  No
Pipe Materials: Unknown  No
Pipe Materials: Other  No
Pipe Materials: Other Note  Not reported

Facility ID:  4006535
Federally Regulated:  Yes

Tank Number:  R2
Tank Capacity:  4000
Tank Contents:  GASOLINE
Tank Status:  REM FROM GRD
Tank Type:  UST

Tank Material:
Install Date:  5/2/1969
Tank Materials: Bare Steel  Yes
Tank Materials: Cath Protect Steel  No
Tank Materials: Epoxy Steel  No
Tank Materials: Fiberglass  No
Tank Materials: Concrete  No
Tank Materials: Composite  No
Tank Materials: Double Walled  No
Tank Materials: Lined Interior  No
Tank Materials: Excav Liner  No
Tank Materials: Insulated Tank Jacket  No
Tank Materials: Repaired  No
Tank Materials: Unknown  No
Tank Materials: Other  No
Tank Materials: Other Note  Not reported
## Release Detection:
- Tank Release Detection: Leak Deferred: No
- Tank Release Detection: Manual Gauge: No
- Tank Release Detection: Auto Gauge: No
- Tank Release Detection: Tank Tightness: No
- Tank Release Detection: Vapor Monitor: No
- Tank Release Detection: Inventory: No
- Tank Release Detection: Stat Invent Recon: No
- Tank Release Detection: Spill Install: No
- Tank Release Detection: Groundwater: No
- Tank Release Detection: Int Sec Containment: No
- Tank Release Detection: Int Double Walled: No
- Tank Release Detection: Other Method: No
- Tank Release Detection: Other Note: Not reported
- Pipe Release Detection: Leak Deferred: Not reported
- Pipe Release Detection: Autoleak: Not reported
- Pipe Release Detection: Line Tightness: No
- Pipe Release Detection: Stat Invent Recon: No
- Pipe Release Detection: Groundwater: No
- Pipe Release Detection: Int Sec Containment: No
- Pipe Release Detection: Interior Double Walled: No
- Pipe Release Detection: Other Method: No
- Pipe Release Detection: Other Note: Not reported

## Pipe Type:
- NO VALVE SUCTION

## Pipe Materials:
- Bare Steel: No
- Galvanized Steel: Yes
- Copper: No
- Fiberglass: No
- Cath Protect: No
- Double Walled: No
- Sec Containment: No
- Repaired: No
- Other: No
- Other Note: Not reported

## Facility ID:
- 4006535

## Federally Regulated:
- Yes

## Tank Number:
- R3

## Tank Capacity:
- 4000

## Tank Contents:
- GASOLINE

## Tank Status:
- REM FROM GRD

## Tank Type:
- UST

## Tank Material:
- Install Date: 5/2/1969
- Bare Steel: Yes
- Cath Protect Steel: No
- Epoxy Steel: No
- Fiberglass: No
- Concrete: No
- Composite: No
- Double Walled: No
### SOUTHERN STATES RAPPAHANNOCK PETROLEUM SVC (Continued)

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<td>Tank Release Detection: Overfill Install</td>
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**Pipe Type:** NO VALVE SUCTION

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<td>Excav Liner</td>
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<td>Insulated Tank Jacket</td>
<td>No</td>
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<tr>
<td>Repaired</td>
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<td>1/8-1/4</td>
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<td>46 ft.</td>
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</table>

**Handler Address:** 618 HOSPITAL ROAD
**Handler Name:** RIVERSIDE TAPPAHANNOCK HOSPITAL
**Date Form Received by Agency:** 20191018
**Handler Address:** 618 HOSPITAL ROAD
RIVERSIDE TAPPAHANNOCK HOSPITAL (Continued)

Handler City, State, Zip: TAPPAHANNOCK, VA 22560
EPA ID: VAD988204996
Contact Name: RON SULLIVAN
Contact Address: HOSPITAL ROAD
Contact City, State, Zip: TAPPAHANNOCK, VA 22560
Contact Telephone: 804-595-8210
Contact Fax: 804-443-6150
Contact Email: RON.SULLIVAN@RIVHS.COM
Contact Title: DIRECTOR OF PLANT OPERATIONS
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: 5
Mailing Address: HOSPITAL ROAD
Mailing City, State, Zip: TAPPAHANNOCK, VA 22560
Owner Name: RIVERSIDE TAPPAHANNOCK HOSPITAL, INC.
Operator Name: RIVERSIDE TAPPAHANNOCK HOSPITAL, INC.
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 Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
RIVERSIDE TAPPAHANNOCK HOSPITAL (Continued)

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D009
Waste Description: MERCURY

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, ONLY THE ABOVE SPENT 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
RIVERSIDE TAPPAHANNOCK HOSPITAL (Continued)  

<table>
<thead>
<tr>
<th>Waste Code</th>
<th>Waste Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P042</td>
<td>1,2-BENZENEDIOL, 4-{1-HYDROXY-2-{(METHYLAMINO)ETHYL}-(R)- (OR) EPINEPHRINE</td>
</tr>
<tr>
<td>P078</td>
<td>NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2</td>
</tr>
<tr>
<td>P081</td>
<td>1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)</td>
</tr>
<tr>
<td>P092</td>
<td>MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE</td>
</tr>
<tr>
<td>U002</td>
<td>2-PROPANONE (I) (OR) ACETONE (I)</td>
</tr>
<tr>
<td>U122</td>
<td>FORMALDEHYDE</td>
</tr>
<tr>
<td>U188</td>
<td>PHENOL</td>
</tr>
</tbody>
</table>

**Handler - Owner Operator:**  
Owner/Operator Indicator: Owner  
Owner/Operator Name: RIVERSIDE TAPPAHANNOCK HOSPITAL, INC.  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 618 HOSPITAL ROAD  
Owner/Operator City, State, Zip: TAPPAHANNOCK, VA 22560  
Owner/Operator Telephone: 804-875-7500  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  

**Owner/Operator Indicator:** Owner  
Owner/Operator Name: WALTER REED HOSPITAL INC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 606 DENBIGH BLVD SUITE 601  
Owner/Operator City, State, Zip: NEWPORT NEWS, VA 23602  
Owner/Operator Telephone: 804-875-7500  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  

**Owner/Operator Indicator:** Owner  
Owner/Operator Name: WALTER REED HOSPITAL INC  
Legal Status: Private
RIVERSIDE TAPPANNOCK HOSPITAL (Continued)

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 606 DENBIGH BLVD SUITE 601
Owner/Operator City,State,Zip: NEWPORT NEWS, VA 23602
Owner/Operator Telephone: 804-875-7500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported
Owner/Operator Indicator: Operator
Owner/Operator Name: RIVERSIDE TAPPANNOCK HOSPITAL, INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 618 HOSPITAL ROAD
Owner/Operator City,State,Zip: TAPPANNOCK, VA 22560
Owner/Operator Telephone: 804-875-7500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20131007
Handler Name: RIVERSIDE TAPPANNOCK HOSPITAL
Federal Waste Generator Description: 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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910913
Handler Name: RIVERSIDE TAPPANNOCK HOSPITAL
Federal Waste Generator Description: 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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20191018
Handler Name: RIVERSIDE TAPPANNOCK HOSPITAL
Federal Waste Generator Description: 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
RIVERSIDE TAPPAHANNOCK HOSPITAL (Continued) 1004611211

Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 622110
NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A3 RIVERSIDE TAPPAHANNOCK HOSPITAL UST U003769999
NE 618 HOSPITAL RD AST N/A
1/8-1/4 TAPPAHANNOCK, VA 22560
0.229 mi. Number of Inactive UST: 1
1207 ft. Number of Active UST: 1
Site 2 of 3 in cluster A
Number of Inactive AST: 0
Number of Active AST: 0

Relative: Facility:
Lower Name: RIVERSIDE TAPPAHANNOCK HOSPITAL
Actual: Address: 618 HOSPITAL RD
46 ft. City, State, Zip: TAPPAHANNOCK, VA 22560

Owner:
Owner Id: 39771
Owner Name: Riverside Health System
Owner Address: 610 Thimble Shoals Blvd
Owner Address2: Not reported
Owner City, State, Zip: Newport News, VA 23606
Owner Type: COMMERCIAL

Number of Active AST: 1
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:
Facility ID: 4037837
Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 1000
Tank Contents: DIESEL

Tank Status: CLS IN GRD
Tank Type: UST

Tank Material:
Install Date: Not reported
Tank Materials: Bare Steel Yes
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Not reported

Release Detection:
Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge No
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install No
Tank Release Detection: Overfill Install No
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon No
Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Detection: Int Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported
Pipe Type: NO VALVE SUCTION
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper Yes
Pipe Materials: Fiberglass No
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled No
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No
Pipe Materials: Other Note Not reported

AST:
Facility ID: 4037837
Facility Type: COMMERCIAL
CEDS Facility ID: 20000087950
Tank Info:
RIVERSIDE TAPPAHANNOCK HOSPITAL (Continued)  U003769999

Owner:
- Owner Id: 39771
- Owner Name: Riverside Health System
- Owner Address: 610 Thimble Shoals Blvd
- Owner Address2: Not reported
- Owner City/State/Zip: Newport News, VA 23606
- Owner Type: COMMERCIAL
- Number of Active AST: 1
- Number of Active UST: 0
- Number of Inactive AST: 0
- Number of Inactive UST: 1
- Fed Regulated: No
- Tank Number: 1
- Tank Type: AST
- Tank Capacity: 1000
- Tank Contents: DIESEL
- Tank Status: CURR IN USE
- Install Date: 5/10/2000
- Date Closed: Not reported

Tank Containment:
- Install Date: 5/10/2000
- 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: No
- Tank Foundation: Steel: No
- Tank Foundation: Earthen: No
- Tank Foundation: Concrete Imp: No
- Tank Foundation: Unknown: No
- Tank Foundation: Other: No
RIVERSIDE TAPPAHANNOCK HOSPITAL (Continued)

Tank Foundation: Other Note: Not reported
Tank Roof: Float: No
Tank Roof: Cone: No
Tank Roof: Breather: Not reported
Tank Roof: Dbideck: 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: No
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: N
Tank Type Single Wall: N
Tank Type Double Wall: N
Tank Type Lined Interior: N
Tank Type Double Bottom: N
Tank Type Potable/Skid: N
Tank Type Shop Fabricated/Built: N
Tank Type Vaulted Below Grade: N
Tank Type Vertical: N
Tank Type Horizontal: N
Tank Type Unknown: N
Tank Type Other: N
Tank Type Other Specify: N

A4
TAPPAHANNOCK JUNIOR ACADEMY
170 MELODY CT
TAPPAHANNOCK, VA 22560
1/8-1/4
0.237 mi.
1251 ft.
Site 3 of 3 in cluster A

Relative: Lower
Actual: 43 ft.

LUST REG PD:
Region: PD
Status: Closed
Pollution Complaint #: 20094233
Reg Code: PRO

LTANKS:
Name: TAPPAHANNOCK JUNIOR ACADEMY
Address: 170 MELODY CT
City,State,Zip: TAPPAHANNOCK, VA 22560
City,State,Zip: TAPPAHANNOCK, VA 22560
Region: PRO
CEDS Facility Id: 200000850444
Case Status: Closed
Pollution Complaint #: 20094233
Reported: 11/26/2008

TC7115246.2s Page 19
TAPPAHANNOCK JUNIOR ACADEMY (Continued)

Case Closed Date: 04/15/2009
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): Y
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 3

5
HARRIS THOMAS RESIDENCE
East 23263 TIDEWATER TRL
1/4-1/2
0.331 mi.
1749 ft.

Relative: Lower
Actual: 42 ft.

LUST REG PD:
Region: PD
Status: Closed
Pollution Complaint #: 20034531
Reg Code: PRO

LTANKS:
Name: HARRIS THOMAS RESIDENCE
Address: 23263 TIDEWATER TRL
City,State,Zip: TAPPAHANNOCK, VA 22560
City,State,Zip: TAPPAHANNOCK, VA 22560
Region: PRO
CEDS Facility Id: 200000211040

Case Status: Closed
Pollution Complaint #: 20034531
Reported: 05/18/2003
Case Closed Date: 03/31/2004
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 2
<table>
<thead>
<tr>
<th>B6</th>
<th>COURTNEY PEAL C RESIDENCE</th>
<th>LUST</th>
<th>S116162703</th>
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<tbody>
<tr>
<td>ESE</td>
<td>23522 TIDEWATER TRAIL</td>
<td>LTANKS</td>
<td>N/A</td>
</tr>
<tr>
<td>1/4-1/2</td>
<td>TAPPAHANNOCK, VA 22560</td>
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<tr>
<td>0.425 mi.</td>
<td>2243 ft.</td>
<td>Site 1 of 2 in cluster B</td>
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<td>Relative: LUST REG PD:</td>
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<td></td>
<td>Region: PD</td>
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<td></td>
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<td></td>
<td>Status: Closed</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Pollution Complaint #: 20144255</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reg Code: PRO</td>
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</tbody>
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**LTANKS:**
- Name: COURTNEY PEAL C RESIDENCE
- Address: 23522 TIDEWATER TRAIL
- City,State,Zip: TAPPAHANNOCK, VA 22560
- Region: PRO
- CEDS Facility Id: 200000873919
- **Case Status:** Closed
- Pollution Complaint #: 20144255
- Reported: 02/04/2014
- Case Closed Date: 06/19/2014
- Program: RP Lead
- Federally Regulated UST (Y/N): N
- Regulated Petroleum UST (1): N
- Excluded UST (1): N
- Deferred UST (1): N
- Partially Deferred UST (1): N
- Exempt 1 UST (2): N
- Exempt 2 Heating Oil UST (2): Y
- Small Heating Oil AST (2): N
- Regulated AST (3): N
- Unregulated AST (3): N
- Other Y/N: N
- Unknown Y/N: N
- Other Description: Not reported
- Heating Oil Category: Category 2

<table>
<thead>
<tr>
<th>B7</th>
<th>WHITE ARTHUR D JR RESIDENCE</th>
<th>LUST</th>
<th>S109599187</th>
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<tbody>
<tr>
<td>ESE</td>
<td>23526 TIDEWATER TRL</td>
<td>LTANKS</td>
<td>N/A</td>
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<tr>
<td>1/4-1/2</td>
<td>TAPPAHANNOCK, VA 22560</td>
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<tr>
<td>0.428 mi.</td>
<td>2259 ft.</td>
<td>Site 2 of 2 in cluster B</td>
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<td>Relative: LUST REG PD:</td>
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<td></td>
<td>Region: PD</td>
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<td></td>
<td>Status: Closed</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Pollution Complaint #: 20094520</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Reg Code: PRO</td>
<td></td>
<td></td>
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</tbody>
</table>

**LTANKS:**
- Name: WHITE ARTHUR D JR RESIDENCE
- Address: 23526 TIDEWATER TRL
- City,State,Zip: TAPPAHANNOCK, VA 22560
- Region: PRO
- CEDS Facility Id: 200000851465
- **Case Status:** Closed
WHITE ARTHUR D JR RESIDENCE (Continued)

Pollution Complaint #: 20094520
Reported: 06/08/2009
Case Closed Date: 06/09/2010
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 2

8 HALL LUCY D PROPERTY
ESE 23592 TIDEWATER TRL
1/4-1/2 0.480 mi.
2533 ft.
Relative: Lower
Actual: 52 ft.
LUST REG PD:
Region: PD
Status: Closed
Pollution Complaint #: 20134318
Reg Code: PRO

LTANKS:
Name: HALL LUCY D PROPERTY
Address: 23592 TIDEWATER TRL
City,State,Zip: TAPPAHANNOCK, VA 22560
City,State,Zip: TAPPAHANNOCK, VA 22560
Region: PRO
CEDS Facility Id: 200000858960
Case Status: Closed
Pollution Complaint #: 20134318
Reported: 01/30/2013
Case Closed Date: 04/17/2013
Program: RP Lead
Federally Regulated UST (Y/N): N
Regulated Petroleum UST (1): N
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): Y
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Category 2
Count: 2 records.

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<th>EDR ID</th>
<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
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<tbody>
<tr>
<td>TAPPAHANNOCK</td>
<td>S104519381</td>
<td>BOWENS RESIDENCE</td>
<td>2030 TAPPAHANNOCK BLVD</td>
<td>22560</td>
<td>LUST, LTANKS</td>
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<tr>
<td>TAPPAHANNOCK</td>
<td>S110067815</td>
<td>ROMAS RESTAURANT</td>
<td>1322 TAPPAHANNOCK RD</td>
<td>22560</td>
<td>LUST, LTANKS</td>
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</tbody>
</table>
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:** 07/26/2022
- **Date Data Arrived at EDR:** 08/02/2022
- **Date Made Active in Reports:** 08/22/2022
- **Number of Days to Update:** 20

**Source:** EPA

**Telephone:** N/A

**Last EDR Contact:** 09/01/2022

**Next Scheduled EDR Contact:** 10/10/2022

**Data Release Frequency:** Quarterly

**NPL Site Boundaries**

**Sources:**

EPA’s Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

- EPA Region 1: Telephone 617-918-1143
- EPA Region 2: Telephone 215-814-5418
- EPA Region 3: Telephone 404-562-8033
- EPA Region 4: Telephone 312-886-6686
- EPA Region 5: Telephone 206-553-8665

- EPA Region 6: Telephone 214-655-6659
- EPA Region 7: Telephone 913-551-7247
- EPA Region 8: Telephone 303-312-6774
- EPA Region 9: Telephone 415-947-4246

**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:** 07/26/2022
- **Date Data Arrived at EDR:** 08/02/2022
- **Date Made Active in Reports:** 08/22/2022
- **Number of Days to Update:** 20

**Source:** EPA

**Telephone:** N/A

**Last EDR Contact:** 09/01/2022

**Next Scheduled EDR Contact:** 10/10/2022

**Data Release Frequency:** Quarterly

**NPL LIENS:** Federal Superfund Liens

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

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.

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 know 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.

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.

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Lists of Federal RCRA TSD facilities

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.

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

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7
Source: Environmental Protection Agency
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7
Source: Environmental Protection Agency
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/19/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 71
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Environmental Quality
Telephone: 804-698-4236
Last EDR Contact: 09/08/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: N/A

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: 06/01/2022
Date Data Arrived at EDR: 06/02/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 82

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

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, 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.
LUST REG SW: Leaking Underground Storage Tank Database

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.

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.

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.

LUST REG VA: Leaking Underground Storage Tank List
INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.
Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
Date of Government Version: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska.
Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.
Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.
Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies
INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

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

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 05/02/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 08/12/2022
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/05/2022
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: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

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: 05/02/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 08/12/2022
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 05/02/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 08/12/2022
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 804-698-4010
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

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

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies
INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies
INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/02/2022  Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022  Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022  Last EDR Contact: 06/13/2022
Number of Days to Update: 79  Next Scheduled EDR Contact: 10/31/2022
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: 03/30/2022  Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/05/2022  Telephone: 804-698-4228
Date Made Active in Reports: 06/30/2022  Last EDR Contact: 06/29/2022
Number of Days to Update: 86  Next Scheduled EDR Contact: 10/17/2022
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: 03/30/2022  Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/05/2022  Telephone: 804-698-4228
Date Made Active in Reports: 06/30/2022  Last EDR Contact: 06/29/2022
Number of Days to Update: 86  Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

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

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: 03/30/2022  Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/05/2022  Telephone: 804-698-4228
Date Made Active in Reports: 06/30/2022  Last EDR Contact: 06/29/2022
Number of Days to Update: 86  Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015  Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016  Last EDR Contact: 06/15/2022
Number of Days to Update: 142  Next Scheduled EDR Contact: 10/03/2022
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: 04/19/2022
Date Data Arrived at EDR: 04/20/2022
Date Made Active in Reports: 07/14/2022
Number of Days to Update: 85
Number of Days to Update: 85
Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Source: Environmental Protection Agency
Telephone: 800-424-9346

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
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Source: Environmental Protection Agency
Telephone: 800-424-9346

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.
**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

| Date of Government Version: 01/12/2009 | Source: EPA, Region 9 |
| Date Data Arrived at EDR: 05/07/2009 | Telephone: 415-947-4219 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 07/12/2022 |
| Number of Days to Update: 137 | Next Scheduled EDR Contact: 10/31/2022 |
| Data Release Frequency: No Update Planned |

**IHS OPEN DUMPS: Open Dumps on Indian Land**
A listing of all open dumps located on Indian Land in the United States.

| Date of Government Version: 04/01/2014 | Source: Department of Health & Human Services, Indian Health Service |
| Date Data Arrived at EDR: 08/06/2014 | Telephone: 301-443-1452 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 07/21/2022 |
| Number of Days to Update: 176 | Next Scheduled EDR Contact: 11/07/2022 |
| Data Release Frequency: Varies |

**Local Lists of Hazardous waste / Contaminated Sites**

**US HIST CDL: National Clandestine Laboratory Register**
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

| Date of Government Version: 04/30/2022 | Source: Drug Enforcement Administration |
| Date Data Arrived at EDR: 05/24/2022 | Telephone: 202-307-1000 |
| Date Made Active in Reports: 07/29/2022 | Last EDR Contact: 08/18/2022 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 12/05/2022 |
| Data Release Frequency: No Update Planned |

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

| Date of Government Version: 04/30/2022 | Source: Drug Enforcement Administration |
| Date Data Arrived at EDR: 05/24/2022 | Telephone: 202-307-1000 |
| Date Made Active in Reports: 07/29/2022 | Last EDR Contact: 08/18/2022 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 12/05/2022 |
| Data Release Frequency: Quarterly |

**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 perfluorooalkyl substances (PFASs).

| Date of Government Version: 03/16/2022 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 04/05/2022 | Telephone: 804-698-4336 |
| Date Made Active in Reports: 08/30/2022 | Last EDR Contact: 06/29/2022 |
| Number of Days to Update: 86 | Next Scheduled EDR Contact: 10/17/2022 |
| Data Release Frequency: Varies |

**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: 07/26/2022 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/02/2022 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 08/22/2022 | Last EDR Contact: 09/01/2022 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 10/10/2022 |
| Data Release Frequency: Semi-Annually |
### Records of Emergency Release Reports

**HMIRS:** Hazardous Materials Information Reporting System  
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

- **Date of Government Version:** 03/21/2022  
- **Source:** U.S. Department of Transportation  
- **Telephone:** 202-366-4555

- **Date Data Arrived at EDR:** 03/21/2022  
- **Date Made Active in Reports:** 06/14/2022  
- **Number of Days to Update:** 85  
- **Next Scheduled EDR Contact:** 10/03/2022  
- **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  
- **Source:** DEQ, Blue Ridge Regional Office  
- **Telephone:** 434-582-6218

- **Date Data Arrived at EDR:** 09/18/2009  
- **Date Made Active in Reports:** 10/06/2009  
- **Number of Days to Update:** 18  
- **Next Scheduled EDR Contact:** 03/12/2012  
- **Data Release Frequency:** Varies

**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  
- **Source:** Department of Environmental Quality, Valley Regional Office  
- **Telephone:** 540-574-7800

- **Date Data Arrived at EDR:** 08/09/2012  
- **Date Made Active in Reports:** 10/05/2012  
- **Number of Days to Update:** 57  
- **Next Scheduled EDR Contact:** 08/19/2013  
- **Data Release Frequency:** Quarterly

**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  
- **Source:** Department of Environmental Quality, Tidewater Region  
- **Telephone:** trofoia@deq.vir

- **Date Data Arrived at EDR:** 09/23/2009  
- **Date Made Active in Reports:** 10/06/2009  
- **Number of Days to Update:** 13  
- **Next Scheduled EDR Contact:** 12/19/2011  
- **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:** 02/03/2022  
- **Source:** Department of Environmental Quality  
- **Telephone:** 804-698-4287

- **Date Data Arrived at EDR:** 02/10/2022  
- **Date Made Active in Reports:** 05/10/2022  
- **Number of Days to Update:** 89  
- **Next Scheduled EDR Contact:** 12/05/2022  
- **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.

- **Date of Government Version:** 01/21/2010  
- **Source:** Department of Environmental Quality, Southwest Region  
- **Telephone:** 276-676-4839

- **Date Data Arrived at EDR:** 01/22/2010  
- **Date Made Active in Reports:** 02/16/2010  
- **Number of Days to Update:** 25  
- **Next Scheduled EDR Contact:** 10/29/2012  
- **Data Release Frequency:** No Update Planned
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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.

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 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 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/01/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 43

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

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.
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.

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.

FEDLAND: Federal and Indian Lands

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.

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.
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: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
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: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

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

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

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

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

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

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Annually
ROD: Records Of Decision
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

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

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

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

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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually
ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement
and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES)
program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which
possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency,
EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 69
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Next Scheduled EDR Contact: 12/12/2022
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: 08/04/2022
Number of Days to Update: 96  Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019  Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019  Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019  Last EDR Contact: 06/23/2022
Number of Days to Update: 84  Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

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

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

HIST FTTS INSPI: 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 Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020  Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020  Last EDR Contact: 07/21/2022
Number of Days to Update: 80  Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.
BRS: Biennial Reporting System
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust
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.

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

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.
US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011  Source: USGS
Date Data Arrived at EDR: 06/08/2011  Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011  Last EDR Contact: 08/17/2022
Number of Days to Update: 97  Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 06/14/2022  Source: Department of Interior
Date Data Arrived at EDR: 06/15/2022  Telephone: 202-208-2609
Date Made Active in Reports: 08/22/2022  Last EDR Contact: 08/30/2022
Number of Days to Update: 68  Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 05/13/2022  Source: EPA
Date Data Arrived at EDR: 05/18/2022  Telephone: (215) 814-5000
Date Made Active in Reports: 05/31/2022  Last EDR Contact: 08/25/2022
Number of Days to Update: 13  Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021  Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021  Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021  Last EDR Contact: 08/22/2022
Number of Days to Update: 82  Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 04/02/2022  Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2022  Telephone: 202-564-2280
Date Made Active in Reports: 06/28/2022  Last EDR Contact: 07/01/2022
Number of Days to Update: 84  Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations
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<td>84</td>
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</tbody>
</table>
### Financial Assurance 1: Financial Assurance Information Listing
A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
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</thead>
<tbody>
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Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

### Financial Assurance 2: Financial Assurance Information listing
Solid waste financial assurance information.

<table>
<thead>
<tr>
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</table>

Next Scheduled EDR Contact: 11/07/2022
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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<th>Telephone</th>
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<tbody>
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Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: No Update Planned

### UIC: Underground Injection Control Wells
A listing of underground injection controls wells.

<table>
<thead>
<tr>
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<tbody>
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</table>

Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

### PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<tbody>
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<td></td>
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<tr>
<td>01/06/2015</td>
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Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

### PCS ENF: Enforcement data
No description is available for this data

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Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

### MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

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Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies
PCS: Permit Compliance System

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

Date of Government Version: 07/14/2011  Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011  Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011  Last EDR Contact: 06/28/2022
Number of Days to Update: 55  Next Scheduled EDR Contact: 10/17/2022

EDR HIGH RISK HISTORICAL RECORDS

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

Date of Government Version: N/A  Source: EDR, Inc.
Date Data Arrived at EDR: N/A  Telephone: N/A
Date Made Active in Reports: N/A  Last EDR Contact: N/A
Number of Days to Update: N/A  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  Source: EDR, Inc.
Date Data Arrived at EDR: N/A  Telephone: N/A
Date Made Active in Reports: N/A  Last EDR Contact: N/A
Number of Days to Update: 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  Source: EDR, Inc.
Date Data Arrived at EDR: N/A  Telephone: N/A
Date Made Active in Reports: N/A  Last EDR Contact: N/A
Number of Days to Update: N/A  Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies
EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Virginia and at the Regional VA Levels.

- Date of Government Version: N/A
- Date Data Arrived at EDR: 07/01/2013
- Date Made Active in Reports: 01/15/2014
- Number of Days to Update: 198
- Source: Department of Environmental Quality
- Telephone: N/A
- Last EDR Contact: 06/01/2012
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

- Date of Government Version: 05/08/2022
- Date Data Arrived at EDR: 05/09/2022
- Date Made Active in Reports: 07/28/2022
- Number of Days to Update: 80
- Source: Department of Energy & Environmental Protection
- Telephone: 860-424-3375
- Last EDR Contact: 08/08/2022
- Next Scheduled EDR Contact: 11/21/2022
- Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2018
- Date Data Arrived at EDR: 04/10/2019
- Date Made Active in Reports: 05/16/2019
- Number of Days to Update: 36
- Source: Department of Environmental Protection
- Telephone: N/A
- Last EDR Contact: 06/28/2022
- Next Scheduled EDR Contact: 10/17/2022
- Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

- Date of Government Version: 01/01/2019
- Date Data Arrived at EDR: 10/29/2021
- Date Made Active in Reports: 01/19/2022
- Number of Days to Update: 82
- Source: Department of Environmental Conservation
- Telephone: 518-402-8651
- Last EDR Contact: 07/29/2022
- Next Scheduled EDR Contact: 11/07/2022
- Data Release Frequency: Quarterly
### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

| Date of Government Version: | 06/30/2018 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: | 07/19/2019 | Telephone: 717-783-8990 |
| Date Made Active in Reports: | 09/10/2019 | Last EDR Contact: 07/06/2022 |
| Number of Days to Update: | 53 | Next Scheduled EDR Contact: 10/24/2022 |
| Data Release Frequency: | Annually |

### RI MANIFEST: Manifest Information

Hazardous waste manifest information

| Date of Government Version: | 12/31/2020 | Source: Department of Environmental Management |
| Date Data Arrived at EDR: | 11/30/2021 | Telephone: 401-222-2797 |
| Date Made Active in Reports: | 02/18/2022 | Last EDR Contact: 08/10/2022 |
| Number of Days to Update: | 80 | Next Scheduled EDR Contact: 11/28/2022 |
| Data Release Frequency: | Annually |

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

| Date of Government Version: | 05/31/2018 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: | 06/19/2019 | Telephone: N/A |
| Date Made Active in Reports: | 09/03/2019 | Last EDR Contact: 08/29/2022 |
| Number of Days to Update: | 76 | Next Scheduled EDR Contact: 12/19/2022 |
| Data Release Frequency: | Annually |

### Oil/Gas Pipelines

Source: Endeavor Business Media

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

### Electric Power Transmission Line Data

Source: Endeavor Business Media

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### Sensitive Receptors:

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
   Source: National Center for Education Statistics
   Telephone: 202-502-7300
   The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: 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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR

Current USGS 7.5 Minute Topographic Map
   Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION
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Assessment of the impact of contaminant migration generally has two principle investigative components:

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.
GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

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

TARGET PROPERTY TOPOGRAPHY
General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Source: Topography has been determined from the USGS 7.5’ Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.
HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>FEMA Source Type</th>
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<tr>
<td>51057C0145E</td>
<td>FEMA FIRM Flood data</td>
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<tr>
<td>Additional Panels in search area:</td>
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</tr>
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<td>51057C0165E</td>
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NATIONAL WETLAND INVENTORY

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<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
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</thead>
<tbody>
<tr>
<td>MOUNT LANDING</td>
<td>YES - refer to the Overview Map and Detail Map</td>
</tr>
</tbody>
</table>

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

- Search Radius: 1.25 miles
- Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION FROM TP</th>
<th>GENERAL DIRECTION GROUNDWATER FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
GROUNDWATER FLOW VELOCITY INFORMATION
Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT GEOLOGIC AGE IDENTIFICATION

<table>
<thead>
<tr>
<th>Era:</th>
<th>Cenozoic</th>
<th>Category: Stratified Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>System:</td>
<td>Tertiary</td>
<td></td>
</tr>
<tr>
<td>Series:</td>
<td>Miocene</td>
<td></td>
</tr>
<tr>
<td>Code:</td>
<td>Tm</td>
<td>(decoded above as Era, System &amp; Series)</td>
</tr>
</tbody>
</table>

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1
Soil Component Name: Rumford
Soil Surface Texture: loamy sand
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained
Hydric Status: Not hydric
Corrosion Potential - Uncoated Steel: Low
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 114 inches

<table>
<thead>
<tr>
<th>Soil Layer Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boundary</td>
</tr>
<tr>
<td><strong>Layer</strong></td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td></td>
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<tr>
<td>2</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Soil Map ID: 2

Soil Component Name: Suffolk

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated Hydraulic Conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>Granular materials (35 pctl. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>Max: 141 Min: 14</td>
<td>Max: 6 Min: 3.6</td>
</tr>
<tr>
<td></td>
<td>12 inches</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12 inches</td>
<td>Granular materials (35 pctl. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>Max: 141 Min: 14</td>
<td>Max: 6 Min: 3.6</td>
</tr>
<tr>
<td></td>
<td>37 inches</td>
<td></td>
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<tr>
<td>3</td>
<td>37 inches</td>
<td>Granular materials (35 pctl. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>Max: 141 Min: 14</td>
<td>Max: 6 Min: 3.6</td>
</tr>
<tr>
<td></td>
<td>72 inches</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Soil Map ID: 3

Soil Component Name: Kempsville

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>7 inches</td>
<td>sandy loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>22 inches</td>
<td>sandy clay loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td>3</td>
<td>22 inches</td>
<td>48 inches</td>
<td>sandy clay loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
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<tr>
<td>4</td>
<td>48 inches</td>
<td>72 inches</td>
<td>sandy loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
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</tbody>
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Soil Map ID: 4
Soil Component Name: Kempsville
Soil Surface Texture: sandy loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained
Hydric Status: Not hydric
Corrosion Potential - Uncoated Steel: Low
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>7 inches</td>
<td>sandy loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>22 inches</td>
<td>sandy clay loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td>3</td>
<td>22 inches</td>
<td>48 inches</td>
<td>sandy clay loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td>4</td>
<td>48 inches</td>
<td>72 inches</td>
<td>sandy loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
</tbody>
</table>
Soil Map ID: 5

Soil Component Name: Rumford

Soil Surface Texture: loamy sand

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>loamy sand</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 141 Min: 14 Max: 6.5 Min: 3.6</td>
</tr>
<tr>
<td></td>
<td>14 inches</td>
<td>sandy loam</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 141 Min: 14 Max: 6.5 Min: 3.6</td>
</tr>
<tr>
<td>2</td>
<td>51 inches</td>
<td>fine sand</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 141 Min: 14 Max: 6.5 Min: 3.6</td>
</tr>
</tbody>
</table>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

©
### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>7 inches</td>
<td>sandy loam</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 14 Min: 4 Max: 6 Min: 4.5</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>22 inches</td>
<td>sandy clay loam</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 14 Min: 4 Max: 6 Min: 4.5</td>
</tr>
<tr>
<td>3</td>
<td>22 inches</td>
<td>48 inches</td>
<td>sandy clay loam</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 14 Min: 4 Max: 6 Min: 4.5</td>
</tr>
<tr>
<td>4</td>
<td>48 inches</td>
<td>72 inches</td>
<td>sandy loam</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
<td>Max: 14 Min: 4 Max: 6 Min: 4.5</td>
</tr>
</tbody>
</table>
Soil Map ID: 7

Soil Component Name: Tetotum
Soil Surface Texture: loam
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class: Moderately well drained
Hydric Status: Not hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 61 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>11 inches</td>
<td>loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 141 Min: 4</td>
<td>Max: 5.5 Min: 3.6</td>
</tr>
<tr>
<td>2</td>
<td>11 inches</td>
<td>48 inches</td>
<td>clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 141 Min: 4</td>
<td>Max: 5.5 Min: 3.6</td>
</tr>
<tr>
<td>3</td>
<td>48 inches</td>
<td>72 inches</td>
<td>sandy loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 141 Min: 4</td>
<td>Max: 5.5 Min: 3.6</td>
</tr>
</tbody>
</table>

LOCAL / REGIONAL WATER AGENCY RECORDS

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

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
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</tbody>
</table>

### FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USGS40001204358</td>
<td>1/4 - 1/2 Mile North</td>
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### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>VA4057710</td>
<td>1/4 - 1/2 Mile NNE</td>
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</tbody>
</table>

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

### STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td>VA6000000001327</td>
<td>1/4 - 1/2 Mile NNE</td>
</tr>
<tr>
<td>4</td>
<td>VA6000000001331</td>
<td>1/4 - 1/2 Mile North</td>
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<tr>
<td>Ground water levels, Number of Measurements:</td>
<td>5</td>
<td>Level reading date:</td>
</tr>
<tr>
<td>Feet below surface:</td>
<td>123.02</td>
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<tr>
<td>Note:</td>
<td>The site had been pumped recently.</td>
<td></td>
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<tr>
<td>Level reading date:</td>
<td>1974-12-10</td>
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<td>Feet to sea level:</td>
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<td>Level reading date:</td>
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<td>Feet to sea level:</td>
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<td>Level reading date:</td>
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<td>Feet to sea level:</td>
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<td>Level reading date:</td>
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<tr>
<td>Violation ID:</td>
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<td>Violation ID:</td>
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<td>Violation measurement:</td>
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<tr>
<td>Violation start date:</td>
<td>010193</td>
<td>Violation end date:</td>
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<tr>
<td>Violation period (months):</td>
<td>001</td>
<td>Violation awareness date:</td>
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<td>Major violator:</td>
<td>No</td>
<td>Maximum contaminant level:</td>
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<tr>
<td>Number of required samples:</td>
<td>Not Reported</td>
<td>Number of samples taken:</td>
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<td>Analysis method:</td>
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<td>402</td>
<td>Orig Code:</td>
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<tr>
<td>Enforcement FY:</td>
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<td>Enforcement FY:</td>
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<td>Enforcement Detail:</td>
<td>St Formal NOV issued</td>
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<td>Enforcement FY:</td>
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<td>Enforcement Action:</td>
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<td>Violation ID:</td>
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<td>Enforcement Detail:</td>
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<td>Enforcement Detail:</td>
<td>St Public Notif requested</td>
<td>Enforcement Category:</td>
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<td>Violation ID:</td>
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<td>Orig Code:</td>
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<td>Enforcement FY:</td>
<td>2006</td>
<td>Enforcement Action:</td>
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<td>Enforcement Detail:</td>
<td>St Formal NOV issued</td>
<td>Enforcement Category:</td>
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<tr>
<td>PWS name:</td>
<td>TAPPAHANNOCK JR. ACADEMY</td>
<td>Population served:</td>
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<td>PWS type code:</td>
<td>NTNC</td>
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<tr>
<td>Contaminant:</td>
<td>COLIFORM (TCR)</td>
<td>Violation type:</td>
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<tr>
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<td>Compliance end date:</td>
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<td>Enforcement date:</td>
<td>10/16/2001 0:00:00</td>
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<td>TAPPANNOCK JR. ACADEMY</td>
<td>Population served:</td>
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<tr>
<td>------------------</td>
<td>------------------------</td>
<td>--------------------</td>
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AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 22560

Number of sites tested: 17.
Maximum Radon Level: 4.5 pCi/L.
Minimum Radon Level: 0.9 pCi/L.

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<td>2 (11.76%)</td>
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Federal EPA Radon Zone for ESSEX County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
   Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
   Zone 3 indoor average level < 2 pCi/L.
TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Virginia Public Water Supplies
Source: Department of Health, Office of Water Programs
Telephone: 804-786-1756

OTHER STATE DATABASE INFORMATION

Virginia Oil and Gas Wells
Source: Department of Mines, Minerals and Energy
Telephone: 804-692-3200
A listing of oil and gas well locations.

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey
468565
Parcel 36-43 Richmond Highway Route 360
Tappahannock, VA 22560

Inquiry Number: 7115246.5
September 14, 2022
EDR Aerial Photo Decade Package

Site Name: AEI Consultants
Parcel 36-43 Richmond Highw:
Tappahannock, VA 22560
EDR Inquiry # 7115246.5

Client Name: AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Marilu Galeana

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

Search Results:

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468565
Parcel 36-43 Richmond Highway Route 360
Tappahannock, VA 22560

Inquiry Number: 7115246.3
September 12, 2022
The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AEI Consultants 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 #: 5AC2-4ED8-8F3E  
PO #: 319140  
Project: 468565

**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.

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Parcel 36-43 Richmond Highway Route 360
Tappahannock, VA 22560

Inquiry Number: 7115246.6
September 14, 2022
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Executive Summary
Findings
City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

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### FINDINGS

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Parcel 36-43 Richmond Highway Route 360  
Tappahannock, VA  22560

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842 CHAMBERS, KENARD
1769 CHANDLER, LOUIS
3749 BLANTON APARTMENTS
   BLANTON, J L
   J L BLANTON BUILDERS
0 MT CLEMENT RD

Location  0 MT CLEMENT RD

Mblu  36/ / 46/ A/

Acct#  2754

Owner  GASKINS STANLEY B ET UX

Class  Sngl Fam Res - Suburban

Assessment  $43,400

Appraisal  $43,380

PID  1855

Building Count  1

Current Value

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Owner of Record

Owner  GASKINS STANLEY B ET UX
Co-Owner
Address  P O BOX 2331
         TAPPAHANNOCK, VA 22560

Sale Price  $0
Certificate
Book & Page  125/126
Sale Date  04/22/2020
Instrument  00

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<th>Certificate</th>
<th>Book &amp; Page</th>
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Building information

Building 1 : Section 1

Year Built:
Living Area:  1,664
Replacement Cost:  $0
Building Percent Good:

Building Photo

[Image: Building Photo](https://images.vrsl.com/photos/EssexVAPhotos/default.jpg)
### Building Attributes

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| Total | 1,700 | 1,664 |

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Less Depreciation: $0
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**Land**

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**Valuation History**

**Appraisal**

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September 9, 2022

Katie White
katieworthy@aeiconsultants.com

Dear Ms. White,

This office is in receipt of your request for records made in accordance with the Virginia Freedom of Information Act (§2.2-3700 et seq.) dated August 2, 2022.

You requested, “check county records for hazmats, septic systems, wells, and building permits. (Property referenced in your email “doing a Phase 1 on a property by the VCU Tappahannock Hospital; Its Blk/Lot 22560-13.18 acres”).”

The Building Official has completed the necessary research and shows no violations, permits or activity on that property. Subsequently, there are no documents responsive to your request from the department.

If you have any questions, you can contact my office at 804-443-4331.

Sincerely,

[Signature]

Michael A. Lombardo
County Administrator
Request 22-3773

**Dates**

Received: September 14, 2022 via web

**Requester**

Katie White  
katiewhite@aeiconsultants.com  
4724 Eddystone Street, Annandale, VA, 22003  
7034474957  
AEI

**Staff Assigned**

Local Health District: Three Rivers Health District: Essex County

Point of contact  
Krystal Reagan

**Request**

For Phase I ESA  
Site: Parcel 36-43 in Essex County, Tappahannock

Well, septic recors

**Timeline**

**Request Closed**

The record you asked for does not exist. Please contact [phone/email] so that we can assist you in making a focused and effective request that reasonably describes an identifiable record.

**Documents**

**External Message**

Good morning,
Do you by chance have an address for the property you are requesting records for? I do not see anything for that particular parcel.

Thank you,

September 14, 2022, 11:23am by Karlia Washington (Staff)

Thank you for your Virginia Freedom of Information Act (FOIA) Request submitted to the Virginia Department of Health (VDH). This will acknowledge receipt of your FOIA request. VDH will respond to your request within the required time frame.

VDH may make reasonable charges not to exceed its actual cost incurred in accessing, duplicating, supplying, or searching for the requested records and shall make all reasonable efforts to supply the requested records at the lowest possible cost. VDH will provide a cost estimate in advance upon request.

Additional information on FOIA policy can be
found here.

Sincerely,

Virginia Department of Health

September 14, 2022, 9:05am

Request Opened
Request received via web
APPENDIX F

QUALIFICATIONS
Katharine White
Project Manager, Due Diligence

EDUCATION

- B.S. - Biology, Longwood University

SUMMARY OF PROFESSIONAL EXPERIENCE

Ms. White provides expertise in environmental project management, consulting, and due diligence services to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Environmental Transaction Screens, Regulatory Database and Historical Records Reviews for large- and small-scale industrial, commercial, multi-tenant residential, and rural properties.

PROJECT EXPERIENCE

Project experience for Ms. White includes:

- Phase I Environmental Site Assessments (PHI ESAs)
- Limited Environmental Site Assessments (LESAs)
- Environmental Transaction Screens (ETSs)
- Records Research with Risk Assessments (RSRAs)
- Regulatory Database Reviews
- Historical Records Reviews

As a Due Diligence Project Manager, Ms. White provides project management and technical expertise to ensure ASTM compliance and satisfaction of client requirements in New York, New Jersey, Connecticut, Pennsylvania, Delaware, Maryland, Washington, D.C., Virginia, and West Virginia areas.

In addition, prior to joining the environmental consulting industry, Ms. White spent four years studying a diverse range of environmental disciplines including: environmental health, ecology, conservation biology and biogeography.
L. Alex Benedict  
Senior Project Manager

EDUCATION

- MPH - Masters of Public Health, Florida A&M University
- B.S. - Bachelor of Science, Health Information Management, Florida A&M University

SUMMARY OF PROFESSIONAL EXPERIENCE

Mr. Benedict has twelve years experience in the environmental service and due diligence industry. His AEI project management has included Limited Environmental Site Assessments (LESA), Environmental Transaction Screens (ETS), Phase I Environmental Site Assessments (PHI), Phase II Limited Subsurface Investigations (PHII), Property Condition Assessments (PCA), and Physical Needs Assessments (PNA). In addition, Mr. Benedict has experience in asbestos, lead, and mold assessments and sampling. Daily responsibilities include project oversight, staff supervision, and client management.

PROJECT EXPERIENCE

Project experience for Mr. Benedict includes:

- The direct supervision of environmental and engineering due diligence and consulting projects conducted by technical staff in the Florida regional office, to meet Client expectations as well as compliance and consistency of ASTM, EPA, and AEI’s standards
- Supervision of the design and implementation of appropriate scopes of work for numerous Phase II Subsurface Investigations on sites including industrial and commercial use as well as gasoline stations, drycleaners, and manufacturing facilities
- Evaluation of complex building structures including high-rise office and hotel properties throughout the southeastern United States
- In-house review of clients' scopes of work, contract preparation and review and compliance of industry regulations.

Mr. Benedict provides regional project oversight to ensure ASTM compliance and satisfaction of client requirements for variety of unique environmental issues. Mr. Benedict directs operations for AEI in the Hollywood, Florida office, which operates throughout the State of Florida.
APPENDIX G

LIST OF COMMONLY USED ABBREVIATIONS
### Units

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<th>Abbreviation</th>
<th>Description</th>
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<td>µg/L</td>
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<td>pCi/L</td>
<td>PicoCuries per Liter</td>
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<td>mg/kg</td>
<td>Milligrams per Kilogram</td>
<td>ppb</td>
<td>Parts per Billion</td>
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<td>mg/L</td>
<td>Milligrams per Liter</td>
<td>ppm</td>
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### Abbreviations and Acronyms

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<td>BTSX</td>
<td>Benzene, Toluene, Ethylbenzene, and Xylenes</td>
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<td>CERCLA</td>
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<td>CESQGs</td>
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<td>COC</td>
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<td>CREC</td>
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<tr>
<td>EC</td>
<td>Engineering Controls</td>
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<td>EDR</td>
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<td>MCL</td>
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<td>Methyl Tertiary Butyl Ether</td>
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