PHASE I ENVIRONMENTAL SITE ASSESSMENT

Former Barrett Store
15 Randolph Avenue, Pulaski, Virginia

PREPARED FOR:
Town of Pulaski and United States Environmental Protection Agency
USEPA Brownfields Assessment Grant Number: # BF – 963327-01-0

AUGUST 22, 2017

Draper Aden Associates
Engineering • Surveying • Environmental Services

DAA Project Number: B07226-05
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>EXECUTIVE SUMMARY</td>
<td>1</td>
</tr>
<tr>
<td>2.0</td>
<td>1.0 INTRODUCTION</td>
<td>3</td>
</tr>
<tr>
<td>3.0</td>
<td>PROPERTY DESCRIPTION</td>
<td>5</td>
</tr>
<tr>
<td>4.0</td>
<td>USER PROVIDED INFORMATION AND SITE DETAILS</td>
<td>8</td>
</tr>
<tr>
<td>5.0</td>
<td>RECORDS REVIEW</td>
<td>10</td>
</tr>
<tr>
<td>6.0</td>
<td>SITE RECONNAISSANCE</td>
<td>22</td>
</tr>
<tr>
<td>7.0</td>
<td>INTERVIEWS</td>
<td>28</td>
</tr>
<tr>
<td>8.0</td>
<td>FINDINGS, OPINIONS, AND CONCLUSIONS</td>
<td>30</td>
</tr>
<tr>
<td>9.0</td>
<td>LIMITATIONS AND EXCEPTIONS</td>
<td>35</td>
</tr>
<tr>
<td>10.0</td>
<td>REFERENCES</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>SIGNATURE OF ENVIRONMENTAL PROFESSIONALS</td>
<td>38</td>
</tr>
</tbody>
</table>

**FIGURES:**
- Figure 1 – Site Location Map
- Figure 2 – Site Detail Map
- Figure 3 – Site Setting Map
- Figure 4 – Neighboring Property Map
- Figure 5 – Regulatory Database RECs

**APPENDIX A:** Site Photographs

**APPENDIX B:** Historical Research Documentation

**APPENDIX C:** Regulatory Records Documentation and Physical Setting Sources

**APPENDIX D:** Results of Asbestos and Lead-Based Paint Survey

**APPENDIX E:** Qualifications of Environmental Professionals

This report is presented in an electronic version only.
EXECUTIVE SUMMARY

Draper Aden Associates was contracted by the Town of Pulaski, under a United States Environmental Protection Agency (USEPA) Brownfields Assessment Grant, to perform a Phase I Environmental Site Assessment (ESA) for the subject property formerly known as Barrett Store located at 15 Randolph Avenue in Pulaski, Virginia. Draper Aden Associates performed the Phase I ESA in general accordance with the scope and limitations of the ASTM International (ASTM) Practice E1527-13 and the USEPA All Appropriate Inquiry Rule in an effort to identify recognized environmental conditions (RECs) as defined by the ASTM standard. An asbestos and lead-based paint (LBP) assessment was completed as part of the Phase I ESA.

The subject property is currently owned by Ms. Betty Johnston. The subject property is located at the northwest corner of the intersection of Randolph Avenue and a Norfolk Southern Railroad right-of-way, north of the intersection of Randolph Avenue and Commerce Street within the Town of Pulaski in a mixed-use area of development that historically and currently includes light industrial/manufacturing, government, religious, commercial, and residential, railroad, and undeveloped properties. The subject property is occupied primarily by a one-story Main Building and an adjacent one-story Former Auto Repair Garage. The Main Building was constructed in the late 1800s and primary use was a feed and hay store or grocery until late 1970s/1980s. Building renovations occurred since original construction. The Former Auto Repair Garage was constructed between 1920 and 1927 and use of petroleum storage was documented. Both structures are currently unoccupied and in poor condition. Draper Aden Associates conducted the site reconnaissance on July 27, 2017, however, interior portions were not observed due to the poor condition of the building. The roof and interior of the Main Building have collapsed into the basement. The walls and ceilings within the Former Auto Repair Garage exhibited damage from rainwater infiltration; the ceiling within the middle room is sagging and the ceiling within the rear room has collapsed.

This assessment revealed evidence of the following RECs in connection with the subject property. A finding of RECs does not imply that impact exists, but more information may be warranted.

- REC (subject property) – ACM and LBP materials were identified within on-site structures.
- REC (subject property) – Historical property use likely included the storage and use of hazardous substances (petroleum, chlorinated solvents, potential PCB-containing fluids, paints); undocumented releases to the subject property from improper handling/disposal or spills are considered likely.
- REC (subject property) – The site reconnaissance identified numerous containers of paint, paint thinner, and solvents; tires; automotive parts; a motorcycle; and old televisions among the refuse and debris within the Former Auto Repair Garage. Additionally, three rusted 55-gallon steel drums (two open drums filled with bottles, one closed drum with unknown contents) were observed in the overgrown vegetated area behind the Main Building. One rusted 35-gallon drum (unknown contents) and one collapsed 55-gallon
blue plastic drum (unknown contents) were observed among the refuse and debris within the front room of the Former Auto Repair Garage.

- REC (subject property) – Two gasoline USTs located in front of the Former Auto Repair Garage were identified in historic Sanborn maps, and a gasoline pump was observed in front of the Former Auto Repair Garage in a historical photograph dated circa mid-1900s. The gasoline pump, or other USTs were not observed on-site during the site reconnaissance. The disposition of the USTs is unknown.

- REC (adjacent and vicinity properties) – Adjacent and vicinity properties have been developed since at least the late 1800s - early 1900s. Historical activities at nearby properties may have included the use, storage, and disposal of potentially hazardous substances or petroleum products. Except where discussed below, no indication of a release which required regulatory oversight from these facilities was identified; however, many of these historical activities pre-date the regulatory documentation available for review under this assessment. The historically dense urban and industrial development in the area limits the ability to differentiate potential impacts from off-site properties.

- REC (vicinity properties) – Multiple leaking underground storage tank sites were listed on regulatory databases in the vicinity of the subject property. Although these sites have been closed by VDEQ, regulatory closure does not preclude that a site may be reopened in the future should new data become available.

Based on available information, RECs identified during this assessment represent a potential for a low level of significant impact to the subject property. A finding of RECs does not imply that impact exists, but more information may be warranted. Further discussion regarding RECs, historical RECs, areas of concern and de minimis conditions, data gaps, and associated findings and opinions are provided in the body of this report.
1.0 INTRODUCTION

Draper Aden Associates was contracted by the Town of Pulaski (User), under a United States Environmental Protection Agency (USEPA) Brownfields Assessment Grant, to perform a Phase I Environmental Site Assessment (ESA) for the subject property formerly known as Barrett Store located at 15 Randolph Avenue in Pulaski, Virginia.

Draper Aden Associates performed this Phase I ESA in general accordance with the scope and limitations of the ASTM E1527-13: Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process and the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) Rule. The Phase I ESA included a site reconnaissance, conducted on July 27, 2017, interviews with the present property owner and local government officials, as well as a review of practically reviewable and reasonably ascertainable historical records and records of local, state and federal regulatory agencies, unless noted. Due to the date of construction of the building, a formal survey for asbestos-containing material (ACM) and lead-based paint (LBP) was conducted by the EI Group Incorporated, of Roanoke, Virginia, as part of this Phase I ESA. Additional Virginia Department of Environmental Quality (VDEQ) file review was also completed as part of this assessment.

The subject property, adjoining and surrounding properties are depicted in Figures 1 through 5. Photographs of the site at the time of the site reconnaissance are presented in Appendix A. Historical records review documentation, including an environmental lien report, is presented in Appendix B. Regulatory review documentation is provided in Appendix C. The ACM and LBP survey report is provided in Appendix D. Qualifications of project environmental professionals are presented in Appendix E. A review for controlled substances was not conducted by Draper Aden Associates. The results of the Phase I ESA are provided below.

1.1 Purpose

A Phase I ESA is intended to identify recognized environmental conditions (RECs) on a site, as defined in Section 3.2.78 of the ASTM standard, from review of practically reviewable and reasonably ascertainable information about the site, including a site reconnaissance, to satisfy one of the requirements to qualify for the landowner liability protections, that being the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" (42 USC §9601(35)(B)) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The term REC means the presence or likely presence of 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. If RECs are identified, the Phase I ESA report may indicate what additional activity is warranted to further evaluate the environmental conditions. Additionally, the Town, a USEPA Assessment Grant recipient, aims to use the results of the Phase I ESA to help facilitate redevelopment of the property.
Draper Aden Associates prepared this document in accordance with generally accepted standards of environmental practice, and in general accordance with the scope and limitations of the ASTM standard. The conclusions presented in this report are professional opinions based on data described in this report, and are intended only for the purpose, site location, and project indicated. The conclusions presented in this report are based on the assumption that site conditions do not deviate from those observed during the study and described in this report.

This report is not an exhaustive study of potential environmental impact at the subject property and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions, vapor intrusion, radon, wetlands assessment, historical assessment or other evaluation of environmental issues considered business environmental risk as defined by ASTM were not performed as part of this assessment, unless specifically noted.

The potential for vapor encroachment was considered when evaluating the subject property for RECs. A vapor encroachment condition (VEC) is the presence or likely presence of chemical(s) of concern (COC) vapors in the subsurface of a target property caused by the release of vapors from impacted soil or groundwater either on or near the subject property. COCs include any chemical that is present in the subsurface environment that can potentially migrate as a vapor into the subsurface of the target property (e.g., petroleum compounds); however, COCs do not include naturally occurring gases such as radon associated with certain types of subsurface geology.

The results of this assessment represent a review of current conditions based on practically reviewable and reasonably ascertainable information and limited observations. Exceptions to, or deletions from, this practice are described in Section 8.0 of this report. A finding of RECs does not imply that impact actually exists, but that more information may be warranted.
2.0 PROPERTY DESCRIPTION

2.1 Location, Legal Description

The subject property is located at the northwest corner of the intersection of Randolph Avenue and a Norfolk Southern Railroad line, north of the intersection of Randolph Avenue and Commerce Street in Pulaski, Virginia. The subject property includes Tax Parcels 072-32-59-6 and 072-32-59-7. The street address for the subject property is 15 Randolph Avenue. The subject property is owned by Ms. Betty Johnston.

2.2 Site and Vicinity Characteristics

The subject property is located within the Town of Pulaski, Pulaski County, Virginia. The subject property is located in a downtown mixed-use area of development that includes light industrial/manufacturing, government, religious, commercial, residential, railroad, and undeveloped properties. The subject property is a flat, rectangular shaped parcel occupied primarily by two adjacent structures: an approximately 3,500 square-foot one-story brick and stone building (Main Building) and an approximately 1,700 square-foot one-story brick and cinderblock addition on the north side of the Main Building (Former Auto Repair Garage). Both structures face east toward Randolph Avenue. The remainder of the subject property behind the two structures is overgrown with vegetation and contains partial walls of a former wooden structure behind the Main Building. Peak Creek is located approximately 90 feet north of the subject property. A Site Location Map is presented as Figure 1. A Site Detail Map is presented as Figure 2.

2.3 Current Use of the Property

The Main Building and Former Auto Repair Garage are currently unoccupied. The interior of the Main Building has collapsed. The Former Auto Repair Garage is filled with miscellaneous refuse.

2.4 Description of Structures, Roads, Other Improvements on the Site

The existing approximately 3,500 square-foot one-story Main Building is the remaining structure of a two-story building constructed in the late 1800s (approximately 127 years old). The original construction date is unknown; however, a photograph of the original building circa the mid-1900s shows a date of ‘1890’ near the center of the top of the second floor (Photograph 2, Appendix A). The existing one-story Main Building appears to be constructed of brick and stone outer walls and wood frame interior walls over a basement. The existing approximately 1,700 square-foot one-story Former Auto Repair Garage appears to be constructed as slab on grade with brick and cinderblock outer walls and wood frame interior walls; no basement or attic spaces were observed within the Former Auto Repair Garage. The exact age of the Former Auto Repair Garage cannot be determined; however, based on historical Sanborn maps the Former Auto Repair Garage was constructed between 1920 and 1927 (approximately 100 years old).
A concrete sidewalk is situated on the subject property on the east side of the structures. The main entrances to the Main Building and to the Former Auto Repair Garage are via Randolph Avenue to the east, with rear entrances on the western walls of both structures. A gravel driveway is located along the south side of the Main Building leading from Randolph Avenue to the rear of the subject property. The western portion of the subject property behind the two structures is overgrown with vegetation and contains partial walls of a former wooden structure behind the Main Building.

This area of Pulaski is serviced by public water, sewer, electricity and natural gas. Electrical and water utility structures were visible on-site.

2.5 Current Uses of the Adjoining Properties and Surrounding Properties

Current Uses of Adjoining Properties

The properties immediately surrounding the subject property are vacant parcels, gravel parking areas, and railroad. Select adjacent properties are depicted in Figure 2 and current adjoining property uses are detailed below:

Adjacent Properties

North
- Vacant parcel.

East
- Gravel-covered parking area.

South
- Norfolk Southern railroad track right-of-way.

West
- Vacant parcel.

Current Uses of Surrounding/Vicinity Properties

Select surrounding/vicinity properties are depicted in Figures 2 and 3. The subject property is bordered to the west and north by vacant parcels, with a locked wooden structure of unknown use located on a parcel further north of the subject property. A large gravel-covered parking area is located northeast of the subject property between First Street NW and Peak Creek; this parking area is the former location of the Virginia Church Furniture factory, which was demolished in late 2016-early 2017. The subject property is bordered to the east by Randolph Avenue with a fenced, gravel-covered parking area immediately across the street; the Pulaski Medical Arts Building (located within the old railroad freight depot) is located further east beyond the gravel-covered
parking area. The subject property is bordered to the south by a Norfolk Southern railroad track right-of-way, with Commerce Street immediately south beyond the railroad track right-of-way. Numerous commercial, light industrial, local government, religious, and residential properties are located across Commerce Street to the southwest, south, and southeast as well as within one-half mile of the subject property. Such properties include the Huff Petroleum Bulk Plant, Connie Oil, and Jefferson Yarns. Potential RECs associated with current and former uses of adjoining and surrounding properties are identified and discussed in Section 4.0.
3.0 USER PROVIDED INFORMATION AND SITE DETAILS

3.1 Ownership Record Review

According to the Town of Pulaski property records, Richard and Betty Johnston acquired the subject property from Wanda Barrett on April 24, 1986. Prior ownership and use is discussed in Section 4.0 and Section 6.0.

3.2 Environmental Liens or Activity and Land Use Limitations

No environmental liens or activity and land use limitations (AULs) were noted. The Environmental Lien Report for the subject property, provided by Environmental Data Resources, Inc. (EDR), of Shelton, Connecticut, is provided in Appendix C.

3.3 Specialized Knowledge

Mr. Shawn Utt, Town Manager, Town of Pulaski/USEPA Brownfields Grantee Representative represents the User of this Phase I ESA, and provided information related to the site as presented in the ASTM E1537-13 User Questionnaire (Appendix B). Interviews were also conducted with the current owner and local officials (Appendix B). No other information was provided to Draper Aden Associates regarding specialized knowledge in connection with the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

Except where noted, no additional information was provided to Draper Aden Associates regarding RECs in connection with the subject property.

3.5 Valuation Reduction for Environmental Issues

The value of a property is based on current fair market value. The role of the Phase I ESA is to provide information regarding RECs that may be used in the determination of fair market value. There is the potential that discovery of historical environmental issues, conditions or liens, or other RECs during this Phase I ESA could affect the value of the property. At this time, the subject property is proposed to be donated at no cost. Based on the response provided in the User Questionnaire, the User does not believe the market value for the subject property is attributed to the presence of environmental impact.

3.6 Owner, Occupant, Property Manager Information

Ms. Betty Johnston, current property owner, provided information related to the subject property as noted throughout the report. There are no current occupants or property managers at the subject property.
3.7 **Reason for Performing a Phase I Review**

Reasons for performing the Phase I ESA are as noted below.

- The subject property was selected as a recipient of a USEPA Brownfields Assessment Grant. The grant requires completion of a Phase I ESA.
- To facilitate sale and/or redevelopment of the subject property.
- Or, to qualify for the landowner liability protections, that being the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” [42 USC §9601(35)(B) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)], if applicable.

The User intends to use the results of the Phase I ESA to help facilitate sale (donation at no cost) and redevelopment of the subject property.
4.0 RECORDS REVIEW

4.1 Standard Environmental Review

Draper Aden Associates contracted with EDR to complete the regulatory database search and to assist parties seeking to meet the record search requirements of the ASTM standard. The EDR Radius Map Report with GeoCheck is presented in Appendix C. Upon review of the EDR report, Draper Aden Associates identified and summarized the following information pertaining to the subject property, adjacent and off-site properties, and unmappable orphan properties.

Subject Property

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

Adjacent Properties

No adjacent properties were identified in the regulatory databases searched by EDR.

Vicinity Properties

The EDR report used the ASTM-defined minimum search distances in the regulatory database review for this project.

As discussed in Section 4.3.2, groundwater beneath the subject property is presumed to flow north-northeast toward the east-flowing Peak Creek, which is located approximately 90 feet north of the subject property. This general characterization of groundwater flow is based on an assumption of relatively simple subsurface aquifer conditions and that Peak Creek is the local groundwater discharge zone (groundwater divide). Therefore, properties north of Peak Creek are considered unlikely to have the potential for environmental impact to the subject property due to inferred groundwater flow conditions. Sites listed in the EDR report located south of Peak Creek, topographically upgradient or cross-gradient (from the subject property) and within the ASTM search radii are evaluated below.

Properties identified in the EDR report located south, southwest, and west of the subject property, are considered to possess the highest potential for environmental impact to the subject property. The following properties were identified within the ASTM search radii and are considered to be topographically and hydrologically upgradient or cross-gradient from the subject property based on the criteria discussed above. Note the distances and directions are estimated from the center point of the subject property as provided in the EDR report, Appendix C.
<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>ENVIRONMENTAL RECORD(S)</th>
<th>DATABASE STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jefferson Yarns Hill Plant (A1)</td>
<td>27 Valley St.</td>
<td>SSE 0.041 mi.</td>
<td>US Brownfield, ECHOs</td>
<td>assessed</td>
</tr>
<tr>
<td>Kahn &amp; Feldman (Jefferson Mills) (A2)</td>
<td>27 Valley St.</td>
<td>SSE 0.041 mi.</td>
<td>RCRA-SQG, US AIRS</td>
<td>in compliance</td>
</tr>
<tr>
<td>Jefferson Mills (A3)</td>
<td>27 Valley St.</td>
<td>SSE 0.041 mi.</td>
<td>LUST, LTANKS, UST</td>
<td>closed, removed</td>
</tr>
<tr>
<td>Huff Petroleum Corporation Inc. (B4)</td>
<td>30 Lagrange St.</td>
<td>SW 0.059 mi.</td>
<td>AST</td>
<td>dismantled</td>
</tr>
<tr>
<td>Huff Petroleum Bulk Plant (B5)</td>
<td>30 Lagrange St.</td>
<td>SW 0.059 mi.</td>
<td>LUST, LTANKS</td>
<td>closed</td>
</tr>
<tr>
<td>Regional EMS Pulaski Station (B9)</td>
<td>60 Lagrange St.</td>
<td>SSW 0.088 mi.</td>
<td>EDR Historical Auto</td>
<td>not reported</td>
</tr>
<tr>
<td>Connie Oil Inc. (D10)</td>
<td>425 W. Commerce St.</td>
<td>WSW 0.097 mi.</td>
<td>LUST, LTANKS, UST, AST</td>
<td>not reported, closed, removed, perm out of use (2 ASTs), curr in use (7 ASTs)</td>
</tr>
<tr>
<td>New River Oils Inc. (D11)</td>
<td>425 W. Commerce St.</td>
<td>WSW 0.097 mi.</td>
<td>EDR Hist Auto</td>
<td>not reported</td>
</tr>
<tr>
<td>Nanochemonics Holdings LLC (F16)</td>
<td>4 Magnox Drive</td>
<td>NW 0.155 mi.</td>
<td>RCRA-CESQ</td>
<td>not reported</td>
</tr>
<tr>
<td>Nanochemonics Site (F17)</td>
<td>4 Magnox Drive</td>
<td>NW 0.155 mi.</td>
<td>SEMS, PRP</td>
<td>removal only, administrative order on consent</td>
</tr>
<tr>
<td>Magnox Pulaski Inc. (F18)</td>
<td>4 Magnox Drive</td>
<td>NW 0.155 mi.</td>
<td>AST</td>
<td>curr in use (1 AST)</td>
</tr>
<tr>
<td>Nehi Bottling (G19)</td>
<td>609 Commerce St.</td>
<td>WSW 0.160 mi.</td>
<td>UST</td>
<td>perm out of use</td>
</tr>
<tr>
<td>Sadler Hosiery Mills Inc. (G21)</td>
<td>535 Commerce St.</td>
<td>W 0.172 mi.</td>
<td>RCRA NonGen/NLR, FINDS, ECHOES</td>
<td>not reported</td>
</tr>
<tr>
<td>Jefferson School (25)</td>
<td>85 First St. SW</td>
<td>SE 0.218 mi.</td>
<td>US Brownfields</td>
<td>assessed</td>
</tr>
<tr>
<td>Town of Pulaski Public Works (I26, I27, I28)</td>
<td>27 State St.</td>
<td>WSW 0.221 mi.</td>
<td>UST, Financial Assurance, LUST, LTANKS</td>
<td>curr in use (2 USTs), removed (5 USTs), closed</td>
</tr>
<tr>
<td>Hercules Plant – Pulaski (I29)</td>
<td>720 Commerce St.</td>
<td>W 0.247 mi.</td>
<td>SEMS-ARCHIVE</td>
<td>not NPL</td>
</tr>
<tr>
<td>Magnox Pulaski Inc. Pulaski Plant (I30)</td>
<td>720 Commerce St.</td>
<td>W 0.247 mi.</td>
<td>UST</td>
<td>removed</td>
</tr>
<tr>
<td>Frost Residence</td>
<td>160 Cliff St.</td>
<td>SW 0.265 mi.</td>
<td>LUST, LTANKS</td>
<td>closed</td>
</tr>
<tr>
<td>Hale Property</td>
<td>59 Bertha St.</td>
<td>WSW 0.278 Mi.</td>
<td>LUST, LTANKS</td>
<td>closed</td>
</tr>
</tbody>
</table>

Note: A detailed description of the acronyms used above is provided in the EDR report (Appendix C).

A summary of information regarding some of these sites is provided below and most are depicted in Figure 3 (Site Setting Map) Figure 4 (Neighboring Property Map), and Figure 5 (Regulatory Database RECs).

Phase I Environmental Site Assessment
Former Barrett Store, 15 Randolph Avenue, Pulaski, Virginia
B07226-05, August 22, 2017
• **Jefferson Yarns Hill Plant, 27 Valley Street**

The EDR report listed that a Phase I Environmental Assessment was conducted for the site under a USEPA Brownfields Assessment Cooperative Agreement. The assessment determined a potential for environmental impact to the Jefferson Yarns Hill Plant site, warranting a Phase II Environmental Assessment, which indicated minor impacts typical of an urban mixed commercial-industrial use property.

• **Jefferson Mills, 27 Valley Street**

The EDR report lists one LUST (pollution control #20122114, reported October 19, 2011), and two pollution complaints (#19920195, reported July 5, 1991 and #20122114, reported October 19, 2011) in the leaking petroleum tanks (LTANKS) database. The case status for the LUST and the pollution complaints are listed as closed. The EDR report lists one 10,000 gallon UST of unknown prior contents closed in ground, and one 10,000 gallon heating oil UST, one 1,000 gallon gasoline UST, and one 1,000 gallon UST of unknown prior contents removed from ground.

• **Huff Petroleum Bulk Storage Plant, 30 Lagrange Street**

The EDR report lists three LUST (pollution control #96-1025A, reported September 10, 1995, pollution control #20072012, reported August 8, 2006, and pollution control #20082025, reported October 4, 2007), and three pollution complaints (#19961025, reported September 11, 1995, #20082025, October 4, 2007, and #20072012, reported August 8, 2007) in the leaking petroleum tanks database. The case status for the LUST reported in 1995 is not reported; the case status for the LUST reported in 2006 is closed; and the case status for the LUST reported in 2007 is closed. The case status for the pollution complaints are listed as closed.

• **Connie Oil Inc., 425 West Commerce**.

The EDR report lists two LUSTs (pollution control #99-1029A, reported August 13, 1999, and pollution control #93-2158A, reported April 30, 1993), and two pollution complaints (#19991029, reported August 13, 1998, and #19932158, reported April 30, 1993) in the leaking petroleum tanks database. The case statuses for the LUSTs are not reported, and the case statuses for the pollution complaints are listed as closed. The EDR report lists one 22,500 gallon AST of unknown former contents and one 22,500 gallon heating oil AST as permanently out of use. One 12,000 gallon AST containing gasoline, two 19,500 gallon heating oil ASTs, one 22,000 gallon kerosene AST, one 13,000 gallon lubricating oil AST, one 12,000 gallon lubricating oil AST, and one 2,000 gallon diesel AST are listed as currently in-use.
• **Nehi Bottling – 609 Commerce St**

The EDR report lists one 1,000 gallon gasoline UST as permanently out of use.

• **Jefferson School, 85 First Street SW**

The EDR report lists that a Phase I Environmental Assessment was conducted for the site under a USEPA Brownfields Assessment Cooperative Agreement. The assessment determined that although no release or impacts have been documented, there is a potential for environmental impact to the Jefferson School site from suspect former petroleum use (vent pipes of unknown use were located near the boiler room) and proximity to historical manufacturing/industrial sites (i.e., topographically and hydrologically upgradient of the school).

• **Hercules Plant – 720 Commerce Street**

The EDR Report lists the site in the SEMS-Archive under EPA ID VAD980705636. The site was discovered in 1986 and a preliminary assessment listed the site as NFRAP (no further remedial action planned), the site is not listed on the NPL.

• **Frost Residence – 160 Cliff Street**

The EDR report lists the site in the LUST and LTANKs database with a leaking tank reported on August 14, 2008, pollution control number 20092011. The site status is reported as closed.

• **Hale Residence – 59 Bertha Street**

The EDR report lists the site in the LUST and LTANKS database as having a leaking tank reported on October 16, 2001, pollution complaint number 20022039. The site status is reported as closed.

One of the sites listed above within the ASTM search radii, Nanochemonics, is listed in the Superfund Enterprise Management System (SEMS; formerly Comprehensive Environmental Response, Compensation, and Liability Information System [CERCLIS]) database under EPA ID VAN000306716, as well as the Potentially Responsible Party (PRP) database. The Nanochemonics site is located approximately 21 feet higher in elevation than the subject property but is located 0.155 miles northwest of the subject property to the north of Peak Creek and to the west of Tract Fork, a south-flowing perennial tributary to Peak Creek located approximately 400 feet west-northwest (upstream) of the subject property. Nanochemonics formerly manufactured nanoparticle iron oxides for various industries; the company ceased operations in July 2010 and an EPA-approved Response Action Plan was implemented from April 2011 through August 2016 to remove hazardous substances and polychlorinated biphenyls (PCBs) remaining at the site following demolition of the on-site structures and buildings. Groundwater flow from the
Nanochemonics site is likely in a southeasterly direction toward Tract Fork and Peak Creek. Similar to Peak Creek, Tract Fork likely acts as a groundwater divide between Nanochemonics to the west and downtown Pulaski to the east. Therefore, the potential for subsurface environmental impact to the subject property from Nanochemonics is considered unlikely due to inferred groundwater flow conditions.

Note that a number of the sites listed above were designated as closed in the leaking tank (i.e., LTANK/LUST) databases. Although these sites have received regulatory closure, regulatory closure does not preclude that a site may be reopened in the future should new data become available. These sites were considered RECs based on: proximity to the subject property, uncertainties regarding existing site conditions, and/or association with other historical site use activities that likely constitute a REC and potentially undocumented releases (see Section 4.4). These sites are illustrated in Figure 5. Due to the historically commercial/industrial development in the area, differentiation of potential impacts from the surrounding off-site properties would be challenging.

Remaining sites identified in the EDR report and located within the standard environmental record search radii were determined to be located topographically and hydrogeologically downgradient from the subject property or across a hydrogeologic divide (Peak Creek) from the subject property; therefore, the remaining sites identified in the EDR report are not anticipated to pose an environmental risk to the subject property.

**Orphan Sites**

Unmappable orphan properties, those that have poor or inadequate address information, were also reviewed. Due to the limited information available for review, the minimum search distance for these orphan sites was limited to the site and adjoining properties. Based on review of the information, the remaining listed orphan sites were not located on or adjoining the subject property and are therefore not considered RECs based on available information at this time.

**4.1.1 Activity and Use Limitations (AULs)**

No AULs were identified for the subject property. The current property owner did not indicate knowledge of any AULs for the property since purchase. The EDR Environmental Lien Report for the property is provided in Appendix C.

**4.2 Other Records Review**

A Freedom of Information Act (FOIA) request was made to VDEQ regarding the subject property, 15 Randolph Avenue, in order to obtain reasonably ascertainable environmental records to evaluate past or present regulated activities at the sites. The VDEQ possessed no files related to the subject property.

On behalf of the Town of Pulaski, Draper Aden Associates previously conducted ESAs for the Jefferson Yarns Hill Plant located at 27 Valley Street under a USEPA Brownfields Assessment
Cooperative Agreement (Phase I ESA August 2010, revised June 2011; Phase II ESA December 2011, revised July 2012; Phase III ESA December 2012). The Jefferson Yarns Hill Plant is located south-southwest across the railroad right-of-way and Commerce Street from the subject property. The results of the Phase II ESA indicated the presence of minor impacts to soil (inorganics, VOCs, SVOCs, TPH) and groundwater (VOCs, TPH) typical of an urban mixed commercial-industrial use property, and that groundwater beneath the Jefferson Yarns Hill Plant flows northeastward toward the subject property and Peak Creek.

4.3 Physical Setting Sources

In accordance with ASTM E1527-13, the 2016 U.S. Geologic Survey (USGS) Pulaski, Virginia 7.5-minute topographic quadrangle map as well as the Virginia Division of Geology and Mineral Resources Geologic Map of the Pulaski Quadrangle, Virginia (2015) were reviewed to evaluate the physical setting of the subject site and vicinity as described below.

4.3.1 Topographic Map Review

The 2016 USGS Pulaski, Virginia 7.5-minute topographic quadrangle map was reviewed. The subject property is situated at approximately 1908 feet above mean sea level. The topography of the property slopes downward at a shallow gradient to the north towards Peak Creek. Peak Creek is located approximately 90 feet north of the subject property at approximately 1900 feet above mean sea level. Peak Creek flows east approximately six miles before joining with the New River at Claytor Lake. Peak Creek has been channelized through the downtown portion of the Town of Pulaski by a large dry stacked containment structure.

Storm water likely flows along the topographic gradient off site and discharges into Peak Creek. According to U.S. Federal Emergency Management Agency (FEMA) mapping Map No. 51155C0141G, the subject property is located within the 100-year floodplain (Appendix C). This information is also included in the EDR Radius Map located in Appendix C.

Discharges into Peak Creek from nearby industrial activities on both sides of Peak Creek and its nearby tributaries have the potential to mobilize contaminants and impact properties during flooding. According to information available through VDEQ, the segment of Peak Creek passing through the town of Pulaski is impaired due to potential PCB impacts (Appendix C; http://www.deq.virginia.gov/Portals/0/DEQ/Water/TMDL/PCB/NewRiver/NR_PCBS_Problem_ID_Final.pdf). Due to the location of the subject property within the 100-year floodplain, the designation of Peak Creek as impaired, and the presence of numerous potential industrial dischargers in the area, the potential exists for impact to the subject property during flood events.
4.3.2 Regional and Local Geology

The subject property is located within the highly folded and faulted Valley and Ridge Physiographic province of Virginia. As shown on the Geologic Map of the Pulaski Quadrangle, the subject property is underlain by Alluvium which was deposited by Peak Creek during the Holocene. The Alluvium is typically less than three to more than 30 feet thick and underlain by the Cambrian-aged Elbrook Formation, which consists of dolomite and limestone with thin lenses of sandstone (Schultz et al., 2015). Dolomite and limestone are carbonate rock types conducive to karst terrane.

Karst topography is common in areas underlain by the Elbrook Formation. The term karst describes a distinctive topography that indicates dissolution of underlying soluble rocks (such as limestone and dolomite) by surface water or groundwater. This dissolution can create voids in the underlying bedrock. These voids may ultimately collapse and a sinkhole is formed. In addition, karst topography is vulnerable to groundwater pollution due to the ease of water flow throughout the system and the lack of natural filtration systems. No karst features are documented on the subject property based on the information reviewed.

Assumed groundwater flow beneath the subject property is likely north-northeast towards Peak Creek; however, actual groundwater flow directions cannot be determined without site-specific groundwater testing. This general characterization of groundwater flow is based on an assumption of relatively simple subsurface aquifer conditions and that Peak Creek is the local groundwater discharge zone (groundwater divide).

4.3.3 USDA Soil Survey

According to the United States Department of Agriculture (USDA) National Resources Conservation Service (NRCS) mapping as accessed through the Web Soil Survey, the soils underlying the subject property are identified as Urban. Urban soils are generally described as soil that has been so altered or obscured by development that classification is not practical. A copy of the soil survey map is included in Appendix C.

4.4 Historical Use Information – Subject Property and Adjacent Properties

The historical site use as described below was based on review of information presented in the various practically reviewable and reasonably ascertainable historical resources evaluated and referenced in Section 9.0 and located in Appendix B, including Sanborn Fire Insurance (Sanborn) maps dated 1894 through 1959, aerial photographs dated 1949 through 2012, historical topographic maps dated 1890 through 2013, and recorded land title records. Interviews conducted during this assessment were also used to assist in the understanding of previous uses of the subject property and surrounding area. In some instances, sources could not be identified at 5-year increments as required by the ASTM 1527-13 standard. This represents a data gap since site-specific development/use could not be confirmed over these time periods based on historical documents available and the verbal history obtained during interviews.
### 4.4.1 Historical Use - Subject Property

The following historical use summary for the subject property is based on information referenced in the following table and as noted above, as well as an interview with the current property owner as discussed in Section 6.0.

**Summary of Subject Property Historical Use**

<table>
<thead>
<tr>
<th>Year (Source)</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>1889 (Deed Book 40, Page 125)</td>
<td>I. R. Albert acquired the subject property from Calfee and J. E. Moore.</td>
</tr>
<tr>
<td>1890 (circa mid 1900s photograph; Photo 2, Appendix A)</td>
<td>Assumed date of construction of original two-story Main Building based on date of ‘1890’ visible near the center top of second floor.</td>
</tr>
<tr>
<td>1894 (Sanborn)</td>
<td>Two-story Main Building identified as flour and hay store (with elevator noted in center of south wall) and dwelling. Unconnected two-story building north of Main Building identified as grocery. Unconnected one-story building west of Main Building identified as vacant, with unconnected two-story building west of vacant building identified as grocery.</td>
</tr>
<tr>
<td>1898 (Sanborn)</td>
<td>Two-story Main Building identified as hay and feed store (no elevator noted) and grocery. Unconnected two-story building north of Main Building identified as vacant. Unconnected one-story building west of Main Building identified as vacant, with unconnected two-story building west of vacant building identified as grocery.</td>
</tr>
<tr>
<td>1903 (Sanborn)</td>
<td>Two-story Main Building identified as grocery store with connected one-story addition on west side identified as hay and feed store in former location of unconnected one-story building. Unconnected two-story building north of Main Building identified as meat store. Unconnected two-story building west of hay and feed addition identified as grocery.</td>
</tr>
<tr>
<td>1908 (Sanborn)</td>
<td>Two-story Main Building identified as grocery and meat store with connected two-story addition on west side identified as hay and feed store. Unconnected two-story building north of Main Building identified as general store. Unconnected two-story building west of hay and feed addition identified as warehouse.</td>
</tr>
<tr>
<td>1913 (Sanborn)</td>
<td>Two-story Main Building identified as meat and grocery store and dwelling with connected two-story addition on west side identified as warehouse. Unconnected two-story building north of Main Building identified as general store. Unconnected two-story building west of warehouse addition identified as warehouse.</td>
</tr>
<tr>
<td>1917 (Deed Book 40, Page 125)</td>
<td>H. A. Sizer acquired the subject property from J. H. Shuff and wife. This deed was located on the same page in the same deed book as the 1889 deed and noted in reference to: “2-story brick buildings formerly occupied by I. R. Albert &amp; Co. and framed building in the rear of said 2-story brick store rooms, and used as a feed store and the building known as the McNew Building, immediately west of the feed building.”</td>
</tr>
<tr>
<td>Year (Source)</td>
<td>Use</td>
</tr>
<tr>
<td>--------------</td>
<td>-----</td>
</tr>
<tr>
<td><strong>1918</strong>&lt;br&gt; (Deed Book 40, Page 125)</td>
<td>S. M. Lyon acquired the subject property from H. A. Sizer. This deed was located on the same page in the same deed book as the 1889 and 1917 deeds and noted in reference to: “2-story brick buildings formerly occupied by I. R. Albert &amp; Co. and framed building in the rear of said 2-story brick store rooms, and used as a feed store and the building known as the McNew Building, immediately west of the feed building.”</td>
</tr>
<tr>
<td><strong>1920</strong>&lt;br&gt; (Sanborn)</td>
<td>Two-story Main Building identified as grocery, dwelling, and wholesale with connected two-story addition on west side identified as feed store. Unconnected two-story building north of Main Building identified as ‘confy’. Unconnected two-story building west of feed store addition identified as dwelling.</td>
</tr>
<tr>
<td><strong>1924</strong>&lt;br&gt; (Deed Book 48, Page 498)</td>
<td>A. Sizer acquired the subject property from S. M. Lyon and wife.</td>
</tr>
<tr>
<td>1924 (Deed Book 49, Page 291)</td>
<td>Previous deeds were subject to this deed which established a public alleyway with 28 feet fronting Randolph Avenue and extending 90 feet to the west; acquired by H. A. Sizer from Travis.</td>
</tr>
<tr>
<td><strong>1927</strong>&lt;br&gt; (Sanborn)</td>
<td>Two-story Main Building identified as store with connected two-story addition on west side identified as feed store. Previous unconnected two-story building north of Main Building replaced by connected one-story structure identified as auto repairing with concrete floor and electric motor; one gasoline tank (assumed UST) located in Randolph Avenue immediately east of this structure. Unconnected two-story building west of feed store addition identified as dwelling.</td>
</tr>
<tr>
<td>Circa early 1900s&lt;br&gt; (Photo 1, Appendix A)</td>
<td>Two-story Main Building identified as Pulaski Tinning Company. Connected one-story structure adjacent to north side of Main Building identified as A. J. Weeks Garage, with gasoline pump visible next to front entrance.</td>
</tr>
<tr>
<td><strong>1936</strong>&lt;br&gt; (Deed Book 77, Page 236)</td>
<td>William Dewey Sizer acquired the subject property from A. Sizer (deceased).</td>
</tr>
<tr>
<td><strong>1948</strong>&lt;br&gt; (Sanborn)</td>
<td>Two-story Main Building identified as tin shop; previous connected two-story addition on west side now absent. Connected one-story structure adjacent to north side of Main Building identified as auto repairing; two gasoline tanks (assumed USTs) located in Randolph Avenue immediately east of this structure. Unconnected two-story building west of Main Building identified as dwelling.</td>
</tr>
<tr>
<td><strong>1949, 1951</strong>&lt;br&gt; (Aerial Photos)</td>
<td>Main Building, adjacent structure on north side of Main Building, and unconnected building west of Main Building visible in aerial photos.</td>
</tr>
<tr>
<td><strong>1956</strong>&lt;br&gt; (Aerial Photo)</td>
<td>Main Building and adjacent structure on north side of Main Building visible in aerial photo. Previous unconnected building west of Main Building not visible in aerial photo.</td>
</tr>
<tr>
<td><strong>1959</strong>&lt;br&gt; (Sanborn)</td>
<td>Two-story Main Building identified as tin shop; connected one-story structure adjacent to north side of Main Building identified as auto repairing; two gasoline tanks (assumed USTs) located in Randolph Avenue immediately east of this structure. Previous unconnected building west of Main Building absent.</td>
</tr>
</tbody>
</table>
### Year (Source) | Use
---|---
1960 (Deed Book 195, Page 205) | Hastwell Sizer and Fred Swinburne acquired the subject property from William Dewey Sizer.
1974 (Deed Book 299, Page 478) | Douglas Barrett acquired the subject property from Hastwell Sizer et. al.
1970s (current owner interview) | Subject property reportedly used as a convenience store known as "Barretts Place."
1986 (Current Deed; Deed Book 411, Page 571) | Betty Johnston and Richard Johnston acquired the subject property from Wanda Barrett.
1986- early 1990s (current owner interview) | Mr. Johnston reportedly used the subject property for his hobbies (building street rod racing cars and repairing televisions).
Early 1990s – Present (current owner interview) | Subject property reportedly has been unoccupied.

Based on the information reviewed, historical property use likely included the storage and use of hazardous substances (petroleum, chlorinated solvents, potential PCB-containing fluids, paints) associated with use as an automotive repair facility and the use of motor/electrical equipment. No releases to the subject property were documented; however, based on the length of time in operation and likely undocumented releases to the subject property from improper handling/disposal or spills, the former site use is considered an REC.

### 4.4.2 Historical Use - Adjacent Properties and Vicinity

Adjoining and surrounding properties in the general vicinity of the subject property were a mixture of commercial and industrial as early as the late 1800s and have remained mixed use development. Historical uses of surrounding properties identified as RECs are discussed below. The following information summarizes historical adjacent and vicinity property use. Select noted properties are identified on Figures 2 through 5.

**North:** Uses of adjacent and vicinity properties to the north of the subject property historically included residential, commercial retail and service uses (i.e. dwellings, tenements, grocery, restaurant, barber, jewelry store, tobacconist, pool room,). Peak Creek was located further north of these north and northeast vicinity properties. Based on historical site use, a significant release from these properties is unlikely. Additionally, based on the topographic location of properties to the north and assumed direction of groundwater flow, a release from these properties (if present) is not likely to impact the subject property.
Vicinity properties to the northeast of the subject property between First Street NW to the northeast of the subject property and Peak Creek historically included residential, church, livery and an opera house. By 1920 these properties were in use as a lumber company by the Pulaski Lumber Company, Inc. The site was used by a furniture manufacturer (Virginia Church Furniture) from 1985 to 2011; the former Virginia Church Furniture buildings were demolished in late 2016-early 2017 and the property is now a gravel-covered parking area. Based on the topographic location of properties to the northeast and assumed direction of groundwater flow, a release from these properties (if present) is not likely to impact the subject property.

**East:** The adjacent and vicinity property to the east of the subject property (across Randolph Avenue, north of the Norfolk Southern railroad track right-of-way) was the location of railroad freight housing since prior to the 1890s. By 1900, a freight depot, coal yard, and ice yard were present north of the railroad tracks. By 1908 a new Norfolk and Western Freight Depot had been built north of the rail line and was in operation through the early 1970s. By 1913 a rail spur had been constructed running northeast of the main rail line and approximately 200 feet east of the subject property.

This adjacent and vicinity property to the east is presumed hydrologically cross-gradient of the subject property; however, this site is considered a REC in connection with the subject property based on: proximity to the subject property; the presence of the rail line; site use as a rail depot and coal storage; the length of time in operation; and likely undocumented releases of hazardous substances, petroleum products, PCBs, herbicides, and/or pesticides.

**South:** The adjacent property to the south of the subject property has been the right-of-way for the Norfolk and Western Railroad (now Norfolk Southern Railroad) main rail line through the Town of Pulaski since prior to the 1890s, with Commerce Street immediately south beyond the railroad right-of-way. Vicinity properties to the south of the railroad right-of-way and Commerce Street were developed as early as 1894 (earliest documentation identified during this review) as this area was the former center of Pulaski, with mixed use properties including government offices (Town Hall), retail, commercial, residential, and manufacturing. This area remained mixed use with increasing industrial/manufacturing use, with construction of the Paul Knitting Mills (now part of Jefferson Yarns Hill Plant) at the southeast corner of Commerce Street and Lagrange Street southwest of the subject property in 1916, development of a petroleum distributor bulk storage facility (now Connie Oil Inc. and Huff Petroleum) on Commerce Street between Lake Street and Lagrange Street southwest of the subject property between 1937 and 1948, and construction of the Jefferson Mills Hill Building (now part of Jefferson Yarns Hill Plant) at the southwest corner of Commerce Street and Valley Street south of the subject property in 1964.

Adjacent and vicinity properties to the south and southwest of the subject property are located topographically and assumed hydrologically upgradient from the subject property. Due to the proximity to the subject property, length of time in operation, historical use of chlorinated solvents and petroleum products, and likely undocumented releases of hazardous substances/petroleum products (as well as documented releases of petroleum products, see Sections 4.1 and 4.2), these vicinity properties are considered a REC in connection with the subject property.
**West:** The adjacent property to the west of the subject property was the location of a one story structure identified as a cobbler and shoe shop on the 1894 through 1908 Sanborn maps; this structure was absent and the parcel was vacant on the 1913 and 1920 Sanborn maps. Vicinity properties to the west were vacant parcels bounded by Peak Creek to the west and north and by the railroad right-of-way to the south on the 1894 through 1920 Sanborn maps. The western adjacent property and vicinity properties were occupied by J. L. Kesling Wood & Coal Yard on the 1927 through 1959 Sanborn maps.

According to the Pulaski County GIS Department Parcel Viewer (website address: [www.pulaskicounty.org/GIS.html](http://www.pulaskicounty.org/GIS.html)), the adjacent property (former site of the J. L. Kesling Wood & Coal Yard) to the west of the subject property was purchased by Mr. Randall Jones in October 1995. According to Ms. Betty Johnston, current owner of the subject property, Mr. Jones constructed a “Wild West” frontier-land amusement park consisting primarily of wooden structures on the adjacent property west of the subject property as a hobby. Historical aerial photographs dated 2001 through 2012 show several structures on the adjacent property west of the subject property. Ms. Johnston mentioned that in 2013 the wooden structures on the adjacent property to the west of the subject property caught fire and were allowed to burn; the remains of burned wooden structures were visible on the adjacent property to the west of the subject property during the July 27, 2017 site reconnaissance.

The western adjacent property and vicinity properties between the subject property and Peak Creek are presumed to be hydrologically cross-gradient of the subject property; however, this site is considered a REC in connection with the subject property based on: proximity to the subject property; historical site use for coal storage; the length of time in operation; and likely undocumented releases of hazardous substances, petroleum products, PCBs, herbicides, and/or pesticides.

Peak Creek is situated west and north of the vicinity properties to the west and north of the subject property. Facilities located further west and north of Peak Creek are separated from the subject property by a hydraulic divide and sufficient distance to be considered unlikely to have impacted the subject property.
5.0 SITE RECONNAISSANCE

Draper Aden Associates performed the Phase I ESA site reconnaissance on July 27, 2017. The assessed subject property and adjoining properties observed from the property boundary are depicted in Figure 2. Representative photographs of the subject property are presented in Appendix A.

5.1 Methodology and Limiting Conditions

Methodology: Field observations were documented systematically. Field personnel first observed exterior conditions on the subject property using a counterclockwise pattern. After completing exterior observations, field personnel observed conditions within the interior of the Former Auto Repair Garage from front to back to the extent allowed due to concerns with structural integrity. After completing observations on the subject property, field personnel then observed conditions at adjacent properties.

Limiting Conditions: Power was not available at the time of the assessment and no lights were operational in the building; therefore, areas without windows were observed with a flashlight. The interior of the Main Building could not be observed as the roof and interior have collapsed into the basement. The floor of the Former Auto Repair Garage was covered by piles of refuse and debris and could not be thoroughly observed. The middle room was not entered due to concerns with the structural integrity of the ceiling. The rear room was collapsed. The exterior along the north wall of the Former Auto Repair Garage is overgrown with vegetation and could not be observed.

5.2 General Site Setting

The subject property is occupied primarily by the one-story Main Building and the adjacent one-story Former Auto Repair Garage. A concrete sidewalk is situated on the subject property along the front (east side) of the structures. The main entrances to the Main Building and to the Former Auto Repair Garage are on the front of the structures facing Randolph Avenue, with rear entrances on the western walls of both structures. A former door has been bricked over in the exterior southern wall of the Main Building. Windows facing Randolph Avenue in the front walls of both structures have been boarded over. The front entrance to the Main Building is nailed shut and the concrete in front of the entrance has partially collapsed into the structure’s basement, creating a potential fall hazard for passersby. The rear entrance to the Main Building has partially collapsed, allowing entry to trespassers. The front entrance to the Former Auto Repair Garage is secured with a padlock, while the rear entrance (bay door) appears to be in poor condition yet secure.

The Main Building and the Former Auto Repair Garage are currently unoccupied. Both structures are in poor condition. The Main Building appears to be constructed of brick and stone outer walls with wood frame interior walls over a basement; however, the Main Building could not be entered.
Phase I Environmental Site Assessment  
Former Barrett Store, 15 Randolph Avenue, Pulaski, Virginia  
B07226-05, August 22, 2017

beyond the rear doorway during the site reconnaissance as the roof and interior have collapsed into the basement and the front entrance is nailed shut.

The Former Auto Repair Garage appears to be constructed as slab on grade with brick and cinderblock outer walls and wood frame interior walls; no basement or attic spaces were observed within the structure. The interior of the Former Auto Repair Garage appears to be divided into three successive rooms – front, middle, and rear. The walls and ceilings within the rooms exhibited damage from rainwater infiltration. Draper Aden Associates personnel entered only the front room of the Former Auto Repair Garage during the site reconnaissance as the ceiling within the middle room was sagging and the ceiling within the rear room had collapsed. A partially open doorway in the south wall of the front room leads into the collapsed interior of the adjacent Main Building; a large hole within the south wall of the middle room also leads into the collapsed interior of the adjacent Main Building. A metal-walled enclosure with a vault-like door was observed in the southwest corner of the front room.

As shown in the site photographs (Appendix A), the Former Auto Repair Garage is filled with refuse, including but not limited to the following observed in the front room: a rusted 35-gallon drum (contents unknown); a collapsed 55-gallon blue plastic drum (contents unknown); numerous containers of paint, paint thinner, and solvents; tires; automotive parts; a motorcycle; old televisions; construction materials; glass bottles; and miscellaneous debris. Similar items, refuse, and debris were observed within the middle room from the opening from the front room. The middle room was not entered due to concerns with the structural integrity of the ceiling.

A metal pipe chimney was observed on the exterior of the north wall of the Former Auto Repair Garage. An opening for the chimney was observed on the interior of the north wall of the Former Auto Repair Garage as well. Similar to other older buildings in the area, the chimney may have been used to vent exhaust from a former coal or oil-fired heating system. A suspected oil-fired heater was observed lying on its side disconnected from the chimney in the middle room of the Former Auto Repair Garage. No other signs of a former coal or oil-fired heating system was observed. Additionally, two former electric heating and/or cooling units labeled ‘Carrier’ were observed mounted in the exterior of the south wall of the Main Building.

A gravel driveway is located along the south side of the Main Building leading from Randolph Avenue to the rear of the subject property. The western portion of the subject property behind the Main Building and the Former Auto Repair Garage is overgrown with vegetation and contains partial walls of a former wooden structure with metal beams across the top behind the Main Building. Cinder blocks and building debris were observed scattered among the vegetation within the remains of the former wooden structure, along with three rusted 55-gallon steel drums (two open drums filled with bottles, one closed drum with unknown contents).

As stated previously, the Main Building could not be entered during the site reconnaissance and only the front room of the Former Auto Repair Garage could be entered due to concerns with structural integrity. No indication of hazardous material or chemical storage, use, or disposal was observed during the site reconnaissance except as noted below.

Phase I Environmental Site Assessment  
Former Barrett Store, 15 Randolph Avenue, Pulaski, Virginia  
B07226-05, August 22, 2017
5.3  Exterior Observations

5.3.1  Chemical Storage Areas (excluding storage tanks and drums)

No exterior chemical storage areas were observed.

5.3.2  Underground or Aboveground Storage Tanks

No aboveground or underground storage tanks were observed.

5.3.3  Odors

No strong, pungent or noxious odors were noted.

5.3.4  Pools of Liquid

No pools of liquid were noted.

5.3.5  Drums

Three rusted 55-gallon steel drums (two open drums filled with bottles, one closed drum with unknown contents) were observed in the overgrown vegetated area behind the Main Building.

5.3.6  Polychlorinated Biphenyls (PCBs)

No pad mounted transformers or other PCB containing electrical or hydraulic equipment were observed.

5.3.7  Subsurface Structures (excluding storage tanks, wells and septic systems)

No evidence of subsurface structures was observed onsite and no evidence of wastewater discharge into a drain, ditch, underground injection system, or stream on the subject property was observed.

5.3.8  Waste Disposal Areas

No mounds or depressions suggesting trash or solid waste disposal were observed. No waste disposal areas were observed.

5.3.9  Pits, Ponds, or Lagoons

No pits, ponds or lagoons were observed.
5.3.10  **Stained Soil or Pavement**

No stained soil or pavement was observed onsite.

5.3.11  **Staining or Corrosion**

No staining or corrosion was observed.

5.3.12  **Stressed Vegetation**

No stressed vegetation was observed.

5.3.13  **Wells and Septic Tanks**

No wells or septic tanks were observed.

5.4  **Interior Observations**

As stated previously, the interior of the Main Building has collapsed and could not be entered during the site reconnaissance. Therefore, the following observations reflect the interior of the Former Auto Repair Garage unless otherwise noted.

5.4.1  **Chemical Storage Areas (excluding storage tanks and drums)**

No designated interior chemical storage areas were observed.

5.4.2  **Underground or Aboveground Storage Tanks**

No underground or aboveground storage tank systems were observed. No vent pipes, fill pipes or access ways indicating underground storage tanks were observed.

5.4.3  **Odors**

The building interior exhibited a musty odor resulting from rainwater infiltration.

5.4.4  **Pools of Liquid**

No pools of liquid were observed within the interior of the Former Auto Repair Garage. Extensive damage from infiltration of rainwater was observed in the ceiling and walls throughout the building.
5.4.5 Drums

A rusted 35-gallon drum and a collapsed 55-gallon blue plastic drum were observed among the refuse and debris within the front room of the Former Auto Repair Garage. The contents of the two drums are unknown.

5.4.6 Polychlorinated Biphenyls (PCBs)

An electrical panel was observed on the interior north wall of the front room of the Former Auto Repair Garage, and an electrical panel was observed in the western wall of the metal-walled enclosure in the southwest corner of the front room. Two ceiling fluorescent light fixtures were observed on the front room of the building, and two ceiling fluorescent light fixtures were observed in the middle room of the building. No transformers or other potential PCB containing electrical or hydraulic equipment were observed within the Former Auto Repair Garage.

5.4.7 Subsurface Structures including Drains and Sumps

No floor drains or evidence of other subsurface structures were observed in the interior of the building. However, the floor of the Former Auto Repair Garage was covered by piles of refuse and debris and could not be thoroughly observed.

5.4.8 Waste Disposal Areas

The Former Auto Repair Garage is filled with refuse, including but not limited to: numerous containers of paint, paint thinner, and solvents; tires; automotive parts; a motorcycle; old televisions; construction materials; glass bottles; and miscellaneous debris.

5.4.9 Staining or Corrosion

Water staining and damage was observed in the ceiling and walls throughout the building. No other staining or corrosion was observed.

5.5 Asbestos-Containing Materials (ACM) and Lead-Based Paint (LBP)

The EI Group, Inc. (EI), of Roanoke, Virginia, was contracted to complete an ACM and LBP Survey. The ACM and LBP Survey report prepared by EI is included in Appendix D. The EI report indicates the presence of ACM and LBP. Proper management of waste material resulting from the demolition of this building must be managed in accordance with state, local, and federal regulations.
5.6 Adjacent Properties

The conditions of adjacent properties were observed from the subject property boundaries and public right-of-way. The properties surrounding the subject property are as noted in Section 2.5. No pits, ponds, lagoons, or pools of liquid were observed, and no environmental issues were observed from the subject property boundaries or from the public right-of-way to indicate impact from the adjacent properties to the subject property.
6.0 INTERVIEWS

Draper Aden Associates conducted interviews, provided questionnaires, and/or requested information from the current property owner and local government officials. Interview, questionnaire, and/or information request documentation is included in Appendix B.

6.1 Current Property Owner

Ms. Betty Johnston, current property owner, was contacted via telephone on July 26, 2017, regarding the subject property. Ms. Johnston provided the following information:

- Ms. Johnston and her husband, Richard, purchased the property in the 1973-1975 timeframe (please note: according to deed records reviewed at the Pulaski County Courthouse, Mr. and Ms. Johnston purchased the subject property from Ms. Wanda Barrett on April 24, 1986). Mr. Johnston is now deceased and Ms. Johnston would like to sell or donate the property.

- Prior to Mr. and Ms. Johnston’s purchase of the subject property, the site was used as a convenience store in the 1970s and was known as “Barretts Place.” Ms. Barrett’s husband passed away and she subsequently sold the subject property to Mr. and Ms. Johnston.

- Mr. and Ms. Johnston did not use the subject property for business purposes during their ownership. Mr. Johnston used the building to build street rod racing cars as a hobby; he also repaired televisions on-site as a hobby.

- Mr. and Ms. Johnston stopped using the building in the early 1990s. Ms. Johnston is aware that the building is in poor condition and the roof in the rear of the building has collapsed.

- Ms. Johnston could not comment on chemicals used or chemical waste generated by her husband at the subject property, if any. Ms. Johnston stated that her husband was very environmentally conscientious as their young children often were in the building.

- Ms. Johnston stated that her husband only used space heaters to heat the building. Ms. Johnston had no knowledge regarding how the building was formerly heated.

- Ms. Johnston had no knowledge of any underground or aboveground storage tanks on the subject property. Ms. Johnston did not know if the former convenience store sold gasoline.

- Ms. Johnston was unaware of any dumping or improper disposal on the subject property. Ms. Johnston was unaware of any fires on the property.
• Ms. Johnston stated that the adjacent property to the west was owned by Mr. Randall Jones; as a hobby Mr. Jones constructed a “Wild West” frontier-land amusement park consisting primarily of wooden structures (according to the Pulaski County GIS Department Parcel Viewer [www.pulaskicounty.org/GIS.html] Mr. Randall Jones purchased the adjacent property to the west of the subject property on October 2, 1995). Ms. Johnston mentioned that in 2013 the wooden structures on the adjacent property to the west caught fire, and that the structures were allowed to burn.

6.2 Local Government Officials and User

Mr. Shawn Utt, Town Manager for the Town of Pulaski and USEPA Brownfields Grantee Representative completed an ASTM User Questionnaire (Appendix B). Mr. Utt was aware of some of the historical retail uses of the subject property. Mr. Utt was unaware of any environmental issues associated with the subject property.

Mr. Robby Kiser, Acting Fire Chief with the Town of Pulaski Fire Department, was contacted via telephone on July 24, 2017, regarding emergency response and petroleum or hazardous substance releases at the subject property or on adjacent parcels. Mr. Kiser has been with the Fire Department for 17 years. According to Mr. Kiser, no known fuel storage tanks have been located and no known chemicals were stored, used, or disposed on the site. Mr. Kiser had no recollection of any environmental responses to the subject property. Mr. Kiser was aware that the rear portion of the building had collapsed and he was uncertain of the current condition of the remaining building. Mr. Kiser was not aware of any material storage, USTs, ASTs, or hazardous material (HAZMAT) releases on the subject property.

Mr. Chris Moye, Chief Building Inspector for the Town of Pulaski, was contacted via telephone on July 24, 2017, regarding the condition of the subject property. Mr. Moye has been in his position since April 2017. Mr. Moye was aware that there has been no activity at the building for a while. Mr. Moye stated that while the building has not been condemned by the Town, the structure is in very poor condition. Mr. Moye also stated that the Town has been maintaining electronic records on buildings since last fall (2016); he was aware of other older records in the basement of his building, but the records are not easily accessible. No additional information was provided.

6.3 Past Property Owner

The previous property owner, Ms. Wanda Barrett, was not contacted as part of this Phase I ESA. Sufficient historical resources were available for review so this data gap is not considered significant at this time.
7.0 FINDINGS, OPINIONS, AND CONCLUSIONS

7.1 Findings, Opinions and Conclusions

The results of this assessment represent a review of current conditions based on reasonably ascertainable information and limited observations. A finding of a recognized environmental condition (as defined by the ASTM standard and detailed in the limitations section of this report) does not imply that impact actually exists, but that more information may be warranted.

Draper Aden Associates performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property located at 15 Randolph Avenue in the Town of Pulaski, Virginia. Any exceptions to, or deviations from, this practice are described in Section 8.0 of this report. This assessment revealed no evidence of RECs in connection with the subject property except for the following:

7.1.1 Recognized Environmental Conditions

(Subject Property)

- Historical property use likely included the storage and use of hazardous substances (petroleum, chlorinated solvents, potential PCB-containing fluids, paints) associated with use as an automotive repair facility and the use of motor/electrical equipment. No releases to the subject property were documented; however, based on the length of time in operation, undocumented releases to the subject property from improper handling/disposal or spills are considered likely.

- Two gasoline USTs located in front of the Former Auto Repair Garage were identified in Sanborn maps dated 1927 (one UST only), 1948 and 1959. A gasoline pump was observed in front of the Former Auto Repair Garage in a historical photograph dated circa mid 1900's. The gasoline pump was not observed on-site during the site reconnaissance. The disposition of the USTs is unknown.

- ACM and LBP materials were identified within on-site structures (see EI report presented in Appendix D).

- Three rusted 55-gallon steel drums (two open drums filled with bottles, one closed drum with unknown contents) were observed in the overgrown vegetated area behind the Main Building. One rusted 35-gallon drum (unknown contents) and one collapsed 55-gallon blue plastic drum (unknown contents) were observed among the refuse and debris within the front room of the Former Auto Repair Garage. Numerous containers of paint, paint thinner, and solvents; tires; automotive parts; a motorcycle; and old televisions were observed among the refuse and debris within the Former Auto Repair Garage.
(Adjacent and Vicinity Properties)

- Adjacent and vicinity properties have been developed since at least the late 1800s - early 1900s. Properties which include facilities that may have been hazardous waste generators or that stored petroleum products in USTs and/or ASTs are located in the vicinity of the subject property and are topographically upgradient or cross-gradient from the subject property. Historical use, storage, and disposal of potentially hazardous substances or petroleum products at these sites is likely; however, the extent of chemical use is unknown as are the sites’ historical disposal practices. Many of these historical activities pre-date the regulatory documentation available for review under this assessment. Additionally, the historically dense urban and industrial development in the area limits the ability to differentiate potential impacts from off-site properties. Based on available information at this time as noted above, these sites are considered RECs to the subject property.

- Vicinity sites including Jefferson Mills, the Huff Petroleum Bulk Storage Plant, and Connie Oil, Inc. were listed as closed in the LTANK/LUST databases. Although these sites have been closed by VDEQ, regulatory closure does not preclude that a site may be reopened in the future should new data become available. These sites are considered RECs based on: proximity to the subject property, uncertainties regarding existing site conditions, and/or association with other historical site use activities that likely constitute a REC, and potentially undocumented releases to the environment from spillage and/or improper storage, handling, and/or disposal of hazardous substances and petroleum products.

In conclusion, based on available information reviewed as part of this assessment, there is potential for impact to the subject property from former on-site and off-site sources. Note, a finding of RECs does not imply that impact actually exists, but that more information may be warranted.

7.1.2 Findings (not considered RECs)

The following additional areas of concern were identified during this assessment, but are not considered RECs at this time.

- Other historical fuel sources (i.e., coal or fuel oil) likely were associated with the subject property based on observations noted during the site reconnaissance, however, no fuel oil USTs or ASTs were observed.

- An electrical panel was observed on the interior north wall of the front room of the Former Auto Repair Garage, and an electrical panel was observed in the western wall of the metal-walled enclosure in the southwest corner of the front room. Four ceiling fluorescent light fixtures were observed in the building. The presence or absence of PCBs in these items could not be determined.
• According to U.S. Federal Emergency Management Agency (FEMA) mapping, the subject property is located within a 100-year floodplain (FEMA, 2008). Due to the location of the subject property within the 100-year floodplain, the designation of Peak Creek as impaired, and the presence of numerous potential industrial dischargers in the area, the potential exists for impact to the subject property during flood events.

• Given the proximity of industrial sites to the subject property, it is important to note that there is potential for complicating factors associated with subsurface bedrock that may lead to enhanced subsurface migration pathways, or non-systematic groundwater flow rates and direction due to construction, excavation and filling activities.

• A vapor intrusion survey was outside the scope of services. However, several petroleum sites are present within the search radius and are located topographically or hydrogeologically upgradient or cross-gradient of the subject property. There are no hydrogeologic barriers or divides separating these sites from the subject property and there is the potential for non-systematic migration pathways; therefore, there is a potential for vapor encroachment based on the proximity of offsite locations and subsurface conditions. A basement is located beneath the Main Building. However, no petroleum odors were noted during the site reconnaissance. The potential for vapor encroachment and/or vapor screening should be considered in future redevelopment planning, if applicable.

• The Main Building and the Former Auto Repair Garage are in poor condition. The roof and interior of the Main Building have collapsed into the basement. The walls and ceilings within the Former Auto Repair Garage exhibited damage from rainwater infiltration; the ceiling within the middle room was sagging and the ceiling within the rear room had collapsed. Interior observations were limited due to condition of building. See data gaps, Section 7.2.

• A historical building survey was outside the scope of services, however, the site appears to be located within the identified historic area defined on a 1986 National Register of Historic Places Inventory Nomination form (http://www.dhr.virginia.govregisters/Counties/Pulaski/125-0005_Pulsaki_Historic_Commercial_District_1986_Final_Nomination.pdf).

7.1.3 Historical Recognized Environmental Condition (HREC)

No HRECs, as defined by the ASTM Standard (see Section 8.0), were observed.

7.1.4 Controlled Recognized Environmental Condition (CREC)

No CRECs, as defined by the ASTM Standard (see Section 8.0), were observed.
7.1.5  *De Minimis Conditions*

The following *de minimis* conditions were noted during this assessment, but are not considered a REC at this time.

- Historically, the source of heat for many of the vicinity historic structures included coal and/or heating oil. Although no coal-fired boiler, coal storage, or heating oil tanks were observed during the site reconnaissance, a metal pipe chimney was observed on the exterior of the north wall and an opening for the chimney was observed on the interior of the north wall of the Former Auto Repair Garage. A suspected oil-fired heater was observed lying on its side disconnected from the chimney in the middle room of the Former Auto Repair Garage. Similar to other older buildings in the area, the chimney may have been used to vent exhaust from a coal or oil fueled furnace at some time in the building’s past. No other signs of a former coal or oil-fired heating system was observed.

7.2  Data Gaps

- Identification of initial site development and historical use at 5 year intervals was not determined.

- Power was not available at the time of the assessment and no lights were operational in the building; therefore, areas without windows were observed with a flashlight.

- The interior of the Main Building could not be observed. The middle room within the Former Auto Repair Garage could not be entered due to concerns with structural integrity of the ceiling; the rear room of the Auto Repair Garage had collapsed and could not be entered.

- The roof of the Former Auto Repair Garage was only observed from the interior of the building (the underside); the ceiling exhibited extensive water damage and had collapsed in the rear portion of the building. The top of the roof was not directly observed.

- The floor of the Former Auto Repair Garage is covered with refuse and debris and could not be be thoroughly observed. Therefore, the presence or absence of floor drains could not be determined.

- The exterior along the north wall of the Former Auto Repair Garage is overgrown with vegetation and could not be examined for the presence of vent pipes, fill pipes or access ways indicating underground storage tanks.

- The previous property owner, Ms. Wanda Barrett, was not contacted as part of this Phase I ESA. Sufficient historical resources were available for review so this data gap is not considered significant at this time.
These data gaps do not represent a significant data gap based on available information at this time.

The results of this assessment represent a review of current conditions based on reasonably ascertainable information and limited observations. A finding of RECs does not imply that impact actually exists, but that more information may be warranted.
8.0 LIMITATIONS AND EXCEPTIONS

Draper Aden Associates prepared this document in accordance with generally accepted standards of environmental practice, and in general accordance with the scope and limitations of the ASTM E1527-13: *Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process*. The conclusions presented in this report are professional opinions based on data described in this report, and are intended only for the purpose, site location, and project indicated. The conclusions presented in this report are based on the assumption that site conditions do not deviate from those observed during the study and described in this report. This report is not an exhaustive study of potential environmental impact at the site and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions, radon, wetlands assessment, or historical building evaluation was not performed as part of this assessment. Select ASTM definitions are provided below:

- **controlled recognized environmental condition (CREC)** — a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

- **historical recognized environmental condition (HREC)** — a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted.

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

This report has been prepared for the subject property pursuant to an agreement with the Town of Pulaski and is accurate to the best of Draper Aden Associates’ knowledge and belief. This report is based, in part, on unverified information supplied to Draper Aden Associates by third-party
sources. While efforts have been made to substantiate this third-party information, Draper Aden Associates cannot guarantee its completeness or accuracy.

It is the responsibility of the client to notify the appropriate federal, state and/or local government agencies of our findings, as may be required by law.

8.1 Scope of Services

Draper Aden Associates provides this Phase I ESA in accordance with our general Scope of Services for Environmental Site Assessments. This includes the Phase I ESA, which generally consists of historical data and regulatory agency file records. Interviews with the site owner/operator and state and/or local officials were conducted. A reconnaissance of the site was also conducted. On completion of this review, the data is evaluated and a written report prepared documenting the investigative activities. Findings and recommendations for additional assessment are included, if warranted. Subsurface or surface sampling, and asbestos, vapor intrusion, radon gas and lead-based paint evaluations are not conducted during the Phase I effort, unless specifically requested by the client.

An environmental lien search and ACM-LBP evaluation were included with this Phase I effort.

8.2 Terms and Conditions

Draper Aden Associates has provided this Phase I ESA in accordance with the terms and conditions noted above.

8.3 User Reliance

The Phase I ESA is designed to assist the User, as defined by ASTM E1527-13, in developing information about the environmental conditions of a property. This Phase I ESA is site-specific and relates to the assessment of environmental conditions at the subject property only. No Phase I ESA can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for environmental conditions.

8.4 Deviations

Draper Aden Associates conducted this ESA in general accordance with ASTM Practice E1527-13. Deviations from the standard practice are described, where necessary, within the report. Limiting conditions that are considered Data Gaps are listed in Section 7.0. Other identified limiting conditions are detailed in Section 5.0.

8.5 Additional Services

No additional services are necessitated at this time.
REFERENCES

References Cited:


2. Environmental Data Resources, Inc. (EDR). *Former Barretts Store, 15 Randolph Avenue, Pulaski, Virginia 24301, Inquiry Number 5002441*:


Interviews:

• **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(b) of 40 CFR 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, or have directly supervised the activities of the all appropriate inquiries, by Draper Aden Associates staff in conformance with the standards and practices set forth in 40 CFR Part 312.

**Prepared by:**

Name: Janet C. Frazier, /Senior Environmental Scientist/Program Manager

Signature: [Signature]

Name: Ross G. Miller, Senior Project Geologist

Signature: [Signature]

Company: Draper Aden Associates
Address: 2206 South Main Street
City/State/Zip: Blacksburg, VA 24060-6600
Phone and Fax: (540) 552-0444, (540) 552-0291

**Reviewed by:**

Name: Srikanth Nathella, PE, Program Manager

Signature: [Signature]

Virginia Professional Engineer Certification and Number: VA PE 0402 035307
FIGURES
Site Location Map

Phase I Environmental Site Assessment
Former Barrett Store
15 Randolph Avenue, Town of Pulaski, Virginia

SCALE: 1" = 2000'
PROJECT: B07226-05
Site Detail Map

Phase I Environmental Site Assessment
Former Barrett Store
15 Randolph Avenue, Town of Pulaski, Virginia

SCALE: 1" = 50'
PROJECT: B07226-05

Draper Aden Associates
Engineering • Surveying • Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291

Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Northern Virginia

Raleigh, NC
Fayetteville, NC

Richmond, VA

Phase I Environmental Site Assessment
Former Barrett Store
15 Randolph Avenue, Town of Pulaski, Virginia

SCALE: 1" = 50'
PROJECT: B07226-05

Draper Aden Associates
Engineering • Surveying • Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291

Richmond, VA
Charlottesville, VA
Hampton Roads, VA
Northern Virginia

Raleigh, NC
Fayetteville, NC

Site Detail Map

Aerial Imagery: Spring 2015 Commonwealth of Virginia

Site Detail Map

Subject Site

Peak Creek

Peak Creek

Former Virginia Church Furniture
(Buildings have been removed)

Approx. location of
former gasoline pump
(circa early 1900s photo)

Approx. location of
former gasoline tanks
(1927, 1948, 1959
Sanborn Maps)

Auto Repair Shop
(1927, 1948, 1959 Sanborn Maps)

General Store
(1908, 1913 Sanborn Maps)

Former J.L. Kesling
Wood & Coal Yard
(1927, 1945, 1959
Sanborn Maps)

Former J.L. Kesling
Wood & Coal Yard
(1927, 1945, 1959
Sanborn Maps)

Former Casket Storage Building
(1948 Sanborn Map)

Jefferson Yarns

V A L L E Y  S T

R A N D O L P H A V E

R A I L R O A D

T I N  S H O P

(1948, 1959, Sanborn Maps)

Meat & Grocery Shop
(1898,1903,1908,1913,1920 Sanborns)

Feed & Hay Store
(1894, 1898 Sanborns)

Former J.L. Kesling
Wood & Coal Yard
(1927, 1945, 1959
Sanborn Maps)

Tin Shop
(1948, 1959, Sanborn Maps)

Meat & Grocery Shop
(1898,1903,1908,1913,1920 Sanborns)

Feed & Hay Store
(1894, 1898 Sanborns)

Auto Repair Shop
(1927, 1948, 1959 Sanborn Maps)

General Store
(1908, 1913 Sanborn Maps)

Former J.L. Kesling
Wood & Coal Yard
(1927, 1945, 1959
Sanborn Maps)

Approx. location of
former gasoline pump
(circa early 1900s photo)

Approx. location of
former gasoline tanks
(1927, 1948, 1959
Sanborn Maps)
This Phase I ESA includes the following attachments:

APPENDIX A
Site Photographs

APPENDIX B
Historical Research Documentation
EDR Aerial Photo Decade Package
EDR Building Permit Report
EDR Certified Sanborn Map Report
EDR Environmental Lien Search Report
EDR Historical Topo Map Report
EDR Property Tax Map Report
Interviews and Questionnaires

APPENDIX C
Regulatory Records Documentation and Physical Setting Sources
EDR Radius Map Report with GeoCheck
FEMA Map
VDEQ Impaired Waters Map
USDA Soil Survey

APPENDIX D
Results of Asbestos and Lead-Based Paint Survey

APPENDIX E
Qualifications of Environmental Professionals
APPENDIX A

Site Photographs
PHOTOGRAPH 1. Circa early 1900’s. View of east side of subject property, facing west from across Randolph Avenue. Subject property occupied by Pulaski Tinning Company (two-story building) and an automotive garage (one-story addition to right of two story building). Note gasoline pump in front of automotive garage.

PHOTOGRAPH 2. Circa mid 1900’s. View of south and east sides of subject property, facing northwest from across Randolph Avenue. Note date of “1890” on center-top of two-story building.

PHOTOGRAPH 4. View of south side of subject property, facing northeast from southwest property corner. Note partial walls of former wooded structure behind Main Building.
PHOTOGRAPH 5. View of west side of subject property, facing east from west adjacent property (vacant lot). Note overgrown vegetation, partial walls of former wooden structure behind Main Building, and rear bay door of Former Auto Repair Garage.

PHOTOGRAPH 6. Rusted 55-gallon drum (contents unknown) in overgrown vegetated area behind Main Building.
PHOTOGRAPH 7. View of partially collapsed rear doorway in western wall of Main Building.

PHOTOGRAPH 8. View of collapsed interior of Main Building from rear doorway.
PHOTOGRAPH 9. View of north side of subject property, facing south from north adjacent property (vacant lot). Note overgrown vegetation covering north wall of Former Auto Repair Garage.

PHOTOGRAPH 11. Interior of front room of Former Auto Repair Garage. Note assorted refuse and debris, including (but not limited to) rusted 35-gallon steel drum (contents unknown) in foreground and paint thinner container.

PHOTOGRAPH 13. Adjacent vacant property to west of subject property. View from southwest corner of subject property. Note burned remains of wooden structures.

PHOTOGRAPH 15. Adjacent property (Norfolk Southern Railroad right-of-way) to southeast of subject property. View from southeast corner of subject property. Former Jefferson Yarns Main Plant located to southeast of railroad right-of-way across Commerce Street.

PHOTOGRAPH 16. Adjacent property (gravel-covered parking area) to east of subject property across Randolph Avenue. View from east side of subject property in front of Former Auto Repair Garage.
**PHOTOGRAPH 17.** View facing north along Randolph Avenue from northeast corner of subject property.

**PHOTOGRAPH 18.** Adjacent vacant property and vicinity properties to north of subject property. View from northeast corner of subject property. Note locked wooden structure of unknown use on vicinity property to north of subject property; two vacant parcels are located between this structure and subject property.
APPENDIX B

Historical Research Documentation

EDR Aerial Photo Decade Package
EDR Building Permit Report
EDR Certified Sanborn Map Report
EDR Environmental Lien Search Report
EDR Historical Topo Map Report
EDR Property Tax Map Report
Interviews and Questionnaires
Former Barretts Store
15 Randolph Avenue
Pulaski, VA 24301

Inquiry Number: 5002441.12
July 25, 2017
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:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Details</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>1”=500'</td>
<td>Flight Year: 2012</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>2011</td>
<td>1”=500'</td>
<td>Flight Year: 2011</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>2009</td>
<td>1”=500'</td>
<td>Flight Year: 2009</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>2005</td>
<td>1”=500'</td>
<td>Flight Year: 2005</td>
<td>USDA/NAIP</td>
</tr>
<tr>
<td>2001</td>
<td>1”=500'</td>
<td>Acquisition Date: April 23, 2001</td>
<td>USGS/DOQQ</td>
</tr>
<tr>
<td>1999</td>
<td>1”=750'</td>
<td>Flight Date: May 02, 1999</td>
<td>USGS</td>
</tr>
<tr>
<td>1990</td>
<td>1”=750'</td>
<td>Flight Date: April 27, 1990</td>
<td>USGS</td>
</tr>
<tr>
<td>1982</td>
<td>1”=500'</td>
<td>Flight Date: April 01, 1982</td>
<td>USDA</td>
</tr>
<tr>
<td>1976</td>
<td>1”=500'</td>
<td>Flight Date: February 12, 1976</td>
<td>USGS</td>
</tr>
<tr>
<td>1970</td>
<td>1”=500'</td>
<td>Flight Date: May 19, 1970</td>
<td>USGS</td>
</tr>
<tr>
<td>1963</td>
<td>1”=750'</td>
<td>Flight Date: March 18, 1963</td>
<td>USGS</td>
</tr>
<tr>
<td>1960</td>
<td>1”=500'</td>
<td>Flight Date: October 13, 1960</td>
<td>USGS</td>
</tr>
<tr>
<td>1956</td>
<td>1”=500'</td>
<td>Flight Date: October 08, 1956</td>
<td>USGS</td>
</tr>
<tr>
<td>1951</td>
<td>1”=500'</td>
<td>Flight Date: October 09, 1951</td>
<td>USGS</td>
</tr>
<tr>
<td>1949</td>
<td>1”=500'</td>
<td>Flight Date: March 29, 1949</td>
<td>USGS</td>
</tr>
</tbody>
</table>

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
Former Barretts Store
15 Randolph Avenue
Pulaski, VA 24301

Inquiry Number: 5002441.8
July 25, 2017
DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 7/25/17, EDR does not have access to building permits in the city where your target property is located (Pulaski, VA).
About This Report

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

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

ASTM and EPA Requirements

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

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

Methodology

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

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

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

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.
Former Barretts Store
15 Randolph Avenue
Pulaski, VA 24301

Inquiry Number: 5002441.3
July 25, 2017
The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Draper, Aden Associates 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.ednet.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® Map Report

<table>
<thead>
<tr>
<th>Site Name:</th>
<th>Client Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Former Barretts Store</td>
<td>Draper, Aden Associates</td>
</tr>
<tr>
<td>15 Randolph Avenue</td>
<td>2206 South Main Street</td>
</tr>
<tr>
<td>Pulaski, VA 24301</td>
<td>Blacksburg, VA 24060</td>
</tr>
<tr>
<td>EDR Inquiry #: 5002441.3</td>
<td>Contact: Ross Miller</td>
</tr>
</tbody>
</table>

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

Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Limited Permission To Make Copies

Draper, Aden Associates (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

## Certified Sanborn® Results:

<table>
<thead>
<tr>
<th>Certification #: 91CC-4C7F-8F7D</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO #: B07226-05</td>
</tr>
<tr>
<td>Project: Former Barretts Store</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maps Provided:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1959 1894</td>
</tr>
<tr>
<td>1948</td>
</tr>
<tr>
<td>1927</td>
</tr>
<tr>
<td>1920</td>
</tr>
<tr>
<td>1913</td>
</tr>
<tr>
<td>1908</td>
</tr>
<tr>
<td>1903</td>
</tr>
<tr>
<td>1898</td>
</tr>
</tbody>
</table>

Sanborn® Library search results

Certification #: 91CC-4C7F-8F7D

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

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

The Sanborn Library LLC Since 1866™

Disclaimer - Copyright and Trademark Notice

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

Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1959 Source Sheets

Volume 1, Sheet 2 1959
Volume 1, Sheet 3 1959
Volume 1, Sheet 12 1959
Volume 1, Sheet 6 1959

1948 Source Sheets

Volume 1, Sheet 2 1948
Volume 1, Sheet 3 1948
Volume 1, Sheet 6 1948
Volume 1, Sheet 12 1948

1927 Source Sheets

Volume 1, Sheet 2 1927
Volume 1, Sheet 3 1927
Volume 1, Sheet 6 1927
Volume 1, Sheet 12 1927

1920 Source Sheets

Volume 1, Sheet 2 1920
Volume 1, Sheet 3 1920
Volume 1, Sheet 6 1920
Volume 1, Sheet 11 1920
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1913 Source Sheets

1908 Source Sheets

1903 Source Sheets

1898 Source Sheets
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1894 Source Sheets

Volume 1, Sheet 1
1894

Volume 1, Sheet 2
1894
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 6
Volume 1, Sheet 12
Volume 1, Sheet 3
Volume 1, Sheet 2
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 12
Volume 1, Sheet 6
Volume 1, Sheet 3
Volume 1, Sheet 2

Site Name: Former Barretts Store
Address: 15 Randolph Avenue
City, ST, ZIP: Pulaski, VA 24301
Client: Draper, Aden Associates
Order Date: 07/25/2017
Certification #: 91CC-4C7F-8F7D
Copyright: 1927
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Site Name: Former Barretts Store
Address: 15 Randolph Avenue
City, ST, ZIP: Pulaski, VA 24301
Client: Draper, Aden Associates
EDR Inquiry: 5002441.3
Order Date: 07/25/2017
Certification #: SICC-4C7F-8F7D
Copyright: 1920
This Certified Sanborn® Map combines the following sheets.
Outlined areas indicate map sheets within the collection.
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 1
Volume 1, Sheet 2

Site Name: Former Barretts Store
Address: 15 Randolph Avenue
City, ST, ZIP: Pulaski, VA 24301
Client: Draper, Aden Associates
Order Date: 07/25/2017
Certification #: 5002441.3
Copyright: 1994
The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

Disclaimer - Copyright and Trademark Notice

This report was prepared for the use of Environmental Data Resources, Inc., and AFX Research, LLC. (AFX) exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. **NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.** Environmental Data Resources, Inc. (EDR) and AFX exclusively specifically disclaim the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
TARGET PROPERTY INFORMATION

ADDRESS

FORMER BARRETT'S STORE
15 RANDOLPH AVENUE
PULASKI, VA 24301

RESEARCH SOURCE

Source 1: PULASKI COUNTY RECORDER OF DEEDS
Source 2: VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: DEED
Title is vested in: RICHARD L. JOHNSTON AND BETTY D. JOHNSTON
Title received from: WANDA L. BARRETT
Date Executed: 04/24/1986
Date Recorded: 04/24/1986
Book: 411
Page: 570
Volume: NA
Instrument#: NA
Docket: NA
Land Record Comments: LIST OF HEIRS/REAL ESTATE AFFIDAVIT FILED 03/27/2008 IN 08000074 REMOVES RICHARD L. JOHNSTON FROM TITLE
Miscellaneous Comments: NA

Legal Description: AS RECORDED IN THE DEED BELOW
Current Owner: BETTY D. JOHNSTON
Property Identifiers: 072-032-0059-0006
Comments: NA
### ENVIRONMENTAL LIEN

<table>
<thead>
<tr>
<th>Environmental Lien:</th>
<th>Found</th>
<th>Not Found</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

If Found:

<table>
<thead>
<tr>
<th>1st Party:</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Party:</td>
<td>NA</td>
</tr>
<tr>
<td>Dated:</td>
<td>NA</td>
</tr>
<tr>
<td>Recorded:</td>
<td>NA</td>
</tr>
<tr>
<td>Book:</td>
<td>NA</td>
</tr>
<tr>
<td>Page:</td>
<td>NA</td>
</tr>
<tr>
<td>Docket:</td>
<td>NA</td>
</tr>
<tr>
<td>Volume:</td>
<td>NA</td>
</tr>
<tr>
<td>Instrument #:</td>
<td>NA</td>
</tr>
<tr>
<td>Comments:</td>
<td>NA</td>
</tr>
<tr>
<td>Miscellaneous:</td>
<td></td>
</tr>
</tbody>
</table>

### OTHER ACTIVITY AND USE LIMITATIONS (AULS)

<table>
<thead>
<tr>
<th>Other AUL's:</th>
<th>Found</th>
<th>Not Found</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

If Found:

<table>
<thead>
<tr>
<th>1st Party:</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Party:</td>
<td>NA</td>
</tr>
<tr>
<td>Dated:</td>
<td>NA</td>
</tr>
<tr>
<td>Recorded:</td>
<td>NA</td>
</tr>
<tr>
<td>Book:</td>
<td>NA</td>
</tr>
<tr>
<td>Page:</td>
<td>NA</td>
</tr>
<tr>
<td>Docket:</td>
<td>NA</td>
</tr>
<tr>
<td>Volume:</td>
<td>NA</td>
</tr>
<tr>
<td>Instrument #:</td>
<td>NA</td>
</tr>
<tr>
<td>Comments:</td>
<td>NA</td>
</tr>
<tr>
<td>Miscellaneous:</td>
<td></td>
</tr>
</tbody>
</table>
MISCELLANEOUS

Type of Instrument: NONE IDENTIFIED
1st Party:
2nd Party:
Date Recorded:
Instrument #:
Book:
Page:
Comments:
DEED EXHIBIT
THIS DEED made and entered into this 24th day of
April, 1985, by and between WANDA L. BARRETT, unmarried, property of the first part, GRANTOR, and RICHARD L. JOHNSTON
and BETTY D. JOHNSTON, husband and wife, tenants by the entireties with right of survivorship as at common law, parties of the
second part, GRANTEE.

WITNESSES:

THAT FOR and in consideration of the sum of Ten
Dollars ($10.00), cash in hand paid by GRANTEE to GRANTOR, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, GRANTOR does hereby bargain, sell, grant and convey, with Modern English Covenants and General Warranty of Title, unto Richard L. Johnston and Betty D. Johnston, his wife, as tenants by the entireties with right of survivorship; that is to say, that should either of GRANTEE predecease the other, then and in that event, the entire interest of every kind and description in said property shall pass to and be vested in the survivor, all those certain lots or parcels of real property, together with all improvements and appurtenances thereunto belonging, situate on the west side of Randolph Avenue in Robinson Magisterial District in the Town and County of Pulaski, and more particularly described as follows, to-wit:

BEGINNING at the northwest intersection of Randolph Avenue and the Norfolk Southern Railroad right-of-way, thence with the north line of said right-of-way North 88°00' West 125.00' to a point marked by an iron rod; thence N 02° 00' East 120.02' to a point marked by an iron rod; thence S 88° 00' E 55.00' to a point marked by an iron rod; thence S 02° 00' West 8.96' to a point marked by an iron rod; thence S 88° 00' East 70.00' to a point marked by an iron rod; thence S 02° 00' West 10.00' to a point marked by an iron rod; thence N 88° 00' West 70.00' to a point marked by an iron rod; thence S 02° 00' West 25.00' to a point marked by an iron rod; thence S 88° 00' East 70.00' to a point marked by an iron rod; thence S 02° 00' West 76.06' to a point marked by a railroad spike and being the point and place of BEGINNING. All as more fully described
on a plat entitled "Physical Survey for Richard L. Johnson of 12,625 sq. ft. lot in Block 59 as shown on the Official Map of the Town of Pulaski, Pulaski County, Virginia" dated April 17, 1986 and prepared by Negl H. Wirt, Land Surveyor.

AND BEING the same lots or parcels of real property which were conveyed to Douglas W. Barrett from Hastwell J. Sizer, et al., by deed dated the 6th day of August, 1974 and recorded in the Clerk's Office of the Circuit Court of Pulaski County, Virginia in Deed Book 299, page 478. Said Douglas W. Barrett died in testate on October 7, 1985 survived by his spouse, Wanda K. Barrett, GRANTOR herein, who is the sole heir of Douglas W. Barrett, and the sole owner of the above described real property.

It is further understood and agreed that this conveyance is made subject to all the conditions and covenants set out and contained in that certain deed dated May 31, 1924, between William Travis and Mary A. Travis, parties of the first part and H. A. Sizer, party of the second part, of record in the aforesaid Clerk's Office in Deed Book 49, page 289, said deed providing for the joint use of a ten-foot strip of land lying immediately north of Lot 5 on Randolph Avenue and a five-foot strip of land lying on the southern boundary line of Lot 5 and northern boundary line of Lot 6, to all of which reference is here made for a more complete description.

TO HAVE AND TO HOLD said lot or parcel of land together with all the appurtenances and easements thereunto belonging unto GRANTEES, their heirs, successors and assigns forever.

WITNESS the following signatures and seals the day and year first above written.

[Signature]
Wanda L. Barrett (Seal)
STATE OF VIRGINIA

COUNTY OF PULASKI, to-wit:

I, Shaun B. West, a Notary Public in
and for the State and County aforesaid, do hereby certify that

Wanda L. Barrett, whose name is signed to the

foregoing deed bearing date on the 24th day of April

1986, each this day personally appeared before me and acknow-

ledged the same.

Given under my hand this 24th day of April, 1986.
My Commission expires: March 27, 1990

[Signature]
Notary Public

[Seal]

VIRGINIA: In the Clerk's Office of the Circuit Court of Pulaski County.
This instrument, with the certificate of acknowledgement thereto annexed,
is admitted to record at 10:05 o'clock A.M., April 24

1986, after payment of $18.00 tax imposed by Section 38-34.1

[Signature]
Clerk
LIST OF HEIRS/REAL ESTATE AFFIDAVIT
COMMONWEALTH OF VIRGINIA
PULASKI COUNTY

RICHARD L. JOHNSTON

NAME OF DECEDENT

Betty D. Johnston, 4220 Brookmont Road, Pulaski, VA 24301
NAME AND ADDRESS OF DECEDENT

March 8, 2008
DATE OF DEATH

I have an interest as tenant by entirety/widow in the real property of the decedent AND/OR

I qualified in as the personal representative of the above-named decedent.

NAME OF COURT

who died intestate as to the real estate described herein, and who, at the time of death, was seized of real property in this county, namely, briefly described as held as tenants by the entirety with deceased: Acct 9541, TM 72-22-156-1-2-4; Acct 9548, TM 72-32-59-6,7,10; Acct 9544, TM 92-1-20B; Acct 9529, TM 71-1-164 & Acct 9523, (listed as Johnston, J. D. Jr., deceased), TM 71-1-165;

The names and last known addresses of the decedent's heirs are:

<table>
<thead>
<tr>
<th>NAMES OF HEIRS</th>
<th>ADDRESSES</th>
<th>RELATIONSHIP</th>
<th>AGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betty D. Johnston</td>
<td>Pulaski, VA</td>
<td>Wife</td>
<td>59</td>
</tr>
</tbody>
</table>

State of VIRGINIA

County of PULASKI

Notarized and sworn to before me by

Betty D. Johnston

24th day of March, 2008

My commission expires: July 31, 2009

Notary Registration No. 164362

VIRGINIA: In the Clerk's Office of the
Pulaski Co. Circuit Court the day of March, 2008

Test: Martha H. Crewe

Clerk

by "J" Hay, Deputy Clerk
FORMER BARRETTS STORE
15 RANDOLPH AVENUE
PULASKI, VA 24301

Inquiry Number: 5002441.7S
AUGUST 15, 2017
The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders’ offices, registries of deeds, county clerks’ offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

Disclaimer - Copyright and Trademark Notice
This report was prepared for the use of Environmental Data Resources, Inc., and AFX Research, LLC. (AFX) exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. Environmental Data Resources, Inc. (EDR) and AFX exclusively specifically disclaim the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
TARGET PROPERTY INFORMATION

ADDRESS

FORMER BARRETT'S STORE
15 RANDOLPH AVENUE
PULASKI, VA 24301

RESEARCH SOURCE

Source 1: PULASKI COUNTY RECORDER OF DEEDS
Source 2: VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: DEED
Title is vested in: RICHARD L. JOHNSTON AND BETTY D. JOHNSTON
Title received from: WANDA L. BARRETT
Date Executed: 04/24/1986
Date Recorded: 04/24/1986
Book: 411
Page: 570
Volume: NA
Instrument#: NA
Docket: NA
Land Record Comments: LIST OF HEIRS/REAL ESTATE AFFIDAVIT FILED 03/27/2008 IN 08000074 REMOVES RICHARD L. JOHNSTON FROM TITLE
Miscellaneous Comments: NA

Legal Description: AS RECORDED IN THE DEED BELOW
Current Owner: BETTY D. JOHNSTON
Property Identifiers: 072-032-0059-0007
Comments: NA
EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN
Environmental Lien: Found □ Not Found ✗
If Found:
1st Party: NA
2nd Party: NA
Dated: NA
Recorded: NA
Book: NA
Page: NA
Docket: NA
Volume: NA
Instrument #: NA
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULS)
Other AUL’s: Found □ Not Found ✗
If Found:
1st Party: NA
2nd Party: NA
Dated: NA
Recorded: NA
Book: NA
Page: NA
Docket: NA
Volume: NA
Instrument #: NA
Comments:
Miscellaneous:
MISCELLANEOUS

Type of Instrument: NONE IDENTIFIED
1st Party:
2nd Party:
Date Recorded:
Instrument #:
Book:
Page:
Comments:
DEED EXHIBIT
THIS DEED made and entered into this 24 day of
April, 1986, by and between WANDA L. BARRETT, unmarried,
party of the first part, GRANTOR, and RICHARD L. JOHNSTON and
BETTY D. JOHNSTON, husband and wife, tenants by the entireties
with right of survivorship as at common law, parties of the
second part, GRANTEES.

WITNESSETH:

THAT for and in consideration of the sum of Ten
Dollars ($10.00), cash in hand paid by GRANTEES to GRANTOR, and
other good and valuable consideration, the receipt of all of
which is hereby acknowledged, GRANTOR does hereby bargain, sell,
grant and convey, with Modern English Covenants and General War-
 ranty of Title, unto Richard L. Johnston and Betty D. Johnston,
his wife, as tenants by the entireties with right of survivor-
ship; that is to say, that should either of GRANTEES predecease
the other, then and in that event, the entire interest of every
kind and description in said property shall pass to and be vested
in the survivor, all those certain lots or parcels of real
property, together with all improvements and appurtenances there-
unto belonging, situate on the west side of Randolph Avenue in
Robinson Magisterial District in the Town and County of Pulaski,
and more particularly described as follows, to-wit:

BEGINNING at the northwest intersection of
Randolph Avenue and the Norfolk Southern
Railroad right-of-way, thence with the north
line of said right-of-way North 88° 00' West
125.00' to a point marked by an iron rod;
thence N 02° 00' East 120.02' to a point marked
by an iron rod; thence S 88° 00' E 55.00' to
a point marked by an iron rod; thence S 02°
00' West 8.98' to a point marked by an iron
rod; thence S 88° 00' East 70.00' to a point
marked by an iron rod; thence S 02° 00' West
10.00' to a point marked by an iron rod; thence
N 88° 00' West 70.00' to a point marked by an
iron rod; thence S 02° 00' West 25.00' to a
point marked by an iron rod; thence S 88° 00'
East 70.00' to a point marked by an iron rod;
thence S 02° 00' West 76.06' to a point marked
by a railroad spike and being the point and
place of BEGINNING. All as more fully described
on a plat entitled "Physical Survey for Richard L. Johnson of 12,625 sq. ft. lot in Block 59 as shown on the Official Map of the Town of Pulaski, Pulaski, County, Virginia" dated April 17, 1966 and prepared by Neel H. Wirt, Land Surveyor.

AND BEING the same lots or parcels of real property which were conveyed to Douglas W. Barrett from Hastwell J. Sizer, et al., by deed dated the 6th day of August, 1974 and recorded in the Clerk's Office of the Circuit Court of Pulaski County, Virginia in Deed Book 299, page 478. Said Douglas W. Barrett died in testate on October 7, 1985 survived by his spouse, Wanda K. Barrett, GRANTOR herein, who is the sole heir of Douglas W. Barrett, and the sole owner of the above described real property.

It is further understood and agreed that this conveyance is made subject to all the conditions and covenants set out and contained in that certain deed dated May 31, 1924, between William Travis and Mary A. Travis, parties of the first part and H. A. Sizer, party of the second part, of record in the aforesaid Clerk's Office in Deed Book 49, page 289, said deed providing for the joint use of a ten-foot strip of land lying immediately north of Lot 5 on Randolph Avenue and a five-foot strip of land lying on the southern boundary line of Lot 5 and northern boundary line of Lot 6, to all of which reference is here made for a more complete description.

TO HAVE AND TO HOLD said lot or parcel of land together with all the appurtenances and easements thereunto belonging unto GRANTEES, their heirs, successors and assigns forever.

WITNESS the following signatures and seals the day and year first above written.

Wanda L. Barrett (SEAL)
STATE OF VIRGINIA
COUNTY OF PULASKI, to-wit:

I, Shawn B. West, a Notary Public in
and for the State and County aforesaid, do hereby certify that
Wanda L. Barrett, whose name is signed to the
foregoing deed bearing date on the 24th day of April,
1986, each this day personally appeared before me and acknow-
ledged the same.

Given under my hand this 24th day of April, 1986.
My Commission expires: March 27, 1990.

Shawn B. West
Notary Public

VIRGINIA: In the Clerk's Office of the Circuit Court of Pulaski County.
This instrument, with the certificate of acknowledgement thereto annexed,
is admitted to record at 9:05 o'clock A.M., April 24
1986, after payment of $113.00 tax imposed by Section 58-34.1

State: Shawn B. West - Clerk

KEVIN B. LEYHER
CIRCUIT COURT
SHERIFF OF PULASKI COUNTY
LIST OF HEIRS/REAL ESTATE AFFIDAVIT
COMMONWEALTH OF VIRGINIA
PULASKI COUNTY

RICHARD L. JOHNSTON March 8, 2008
NAME OF DECEDENT DATE OF DEATH
Betty D. Johnston, 4220 Brookmont Road, Pulaski, VA 24301 NAME AND ADDRESS OF DECEDENT

☐ I have an interest as tenant by entirety/widow in the real property of the decedent AND/OR
☐ I qualified to as the personal representative of the above-named decedent.

NAME OF COURT

who died intestate as to the real estate described herein, and who, at the time of death, was seized of real property in this county, briefly described as held as tenants by the entirety with deceased: Acct 9541, TM 72-2-87-1-2-4; Acct 2439, TM 72-32-56-1-1-10; Acct 9544, TM 92-1-20E;
Acquired as widow, all children also children of widow: Acct 9543, TM 92-1-20D;
Acct 9529, TM 71-1-164 & Acct 9523, (listed as Johnston, J. D., Jr., deceased), TM 71-1-165;

The name and last known addresses of the decedent's heirs are:

<table>
<thead>
<tr>
<th>NAMES OF HEIRS</th>
<th>ADDRESSES</th>
<th>RELATIONSHIP</th>
<th>AGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betty D. Johnston</td>
<td>Pulaski, VA</td>
<td>Wife</td>
<td>59</td>
</tr>
</tbody>
</table>

State of VIRGINIA

County of PULASKI

Subscribed and sworn to before me by
Betty D. Johnston

24th day of March, 2008

My commission expires: July 31, 2009

Notary Registration No. 164362

[Signature]

Notary Public

[Seal]

[Seal]

VIRGINIA: In the Clerk's Office of the Pulaski Co. Circuit Court the day of March, 2008, the foregoing AFFIDAVIT was filed and admitted to record.

Test: Martha H. Crewe
cur

by [Signature], Deputy Clerk
Former Barretts Store
15 Randolph Avenue
Pulaski, VA 24301

Inquiry Number: 5002441.4
July 25, 2017
EDR Historical Topo Map Report

Site Name: Former Barretts Store  Client Name: Draper, Aden Associates
15 Randolph Avenue  2206 South Main Street
Pulaski, VA 24301  Blacksburg, VA 24060
EDR Inquiry # 5002441.4  Contact: Ross Miller

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Draper, Aden Associates were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

<table>
<thead>
<tr>
<th>P.O.#</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>B07226-05</td>
<td>Former Barretts Store</td>
</tr>
</tbody>
</table>

Coordinates:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Latitude:</td>
<td>37.046441 37° 2' 47&quot; North</td>
</tr>
<tr>
<td>Longitude:</td>
<td>-80.785081 -80° 47' 6&quot; West</td>
</tr>
<tr>
<td>UTM Zone:</td>
<td>Zone 17 North</td>
</tr>
<tr>
<td>UTM X Meters:</td>
<td>519111.02</td>
</tr>
<tr>
<td>UTM Y Meters:</td>
<td>4100045.84</td>
</tr>
<tr>
<td>Elevation:</td>
<td>1908.00' above sea level</td>
</tr>
</tbody>
</table>

Maps Provided:

2013 1890
1984
1977
1970
1965
1940
1934
1891

Disclaimer - Copyright and Trademark Notice

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

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
Topo Sheet Key

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

2013 Source Sheets

Pulaski
2013
7.5-minute, 24000

1984 Source Sheets

Pulaski
1984
7.5-minute, 24000
Aerial Photo Revised 1982

1977 Source Sheets

Pulaski
1977
7.5-minute, 24000
Aerial Photo Revised 1976

1970 Source Sheets

Pulaski
1970
7.5-minute, 24000
Aerial Photo Revised 1970
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1965 Source Sheets

Pulaski
1965
7.5-minute, 24000 Aerial Photo Revised 1963

1940 Source Sheets

Pulaski
1940
15-minute, 62500

1934 Source Sheets

Pulaski
1934
15-minute, 48000

1891 Source Sheets

Dublin
1891
30-minute, 125000
Topo Sheet Key

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

1890 Source Sheets

Dublin
1890
30-minute, 125000
This report includes information from the following map sheet(s).

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301
CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

- TP, Pulaski, 1984, 7.5-minute

**SITE NAME:** Former Barretts Store  
**ADDRESS:** 15 Randolph Avenue  
Pulaski, VA 24301  
**CLIENT:** Draper, Aden Associates
This report includes information from the following map sheet(s).

TP, Pulaski, 1977, 7.5-minute

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301
CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

TP, Pulaski, 1970, 7.5-minute

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301

CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
          Pulaski, VA 24301
CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

TP, Pulaski, 1940, 15-minute

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301
CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301
CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301
CLIENT: Draper, Aden Associates
This report includes information from the following map sheet(s).

SITE NAME: Former Barretts Store
ADDRESS: 15 Randolph Avenue
Pulaski, VA 24301
CLIENT: Draper, Aden Associates
Former Barretts Store
15 Randolph Avenue
Pulaski, VA 24301

Inquiry Number: 5002441.6
July 25, 2017
Environmental Data Resources, Inc.’s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
Memorandum

To: File: B07226-05
From: Janet Frazier, DAA
Date: July 31, 2017
Project Name: Former Barretts Store – 15 Randolph Ave, Pulaski, Virginia
Project Number: B07226-05
Subject: Interview for Phase 1 ESA- Janet Frazier, DAA
cc: 

On July 26, 2017 at 3:20 PM I telephoned (540-577-9404) Ms. Betty Johnston, current property owner and interviewed her regarding the subject property. Ms. Johnston mentioned the following:

- Ms. Johnston and her husband, Richard, purchased the property in 1973/75 timeframe. Her husband is deceased and she would like to sell or donate the property.
- Prior to their purchase in the 1970s, the site was used as a convenience store and was known as “Barretts Place”
- The husband of the former property owner passed away and sold the property to the Johnstons.
- The property was never used as a business during their ownership. Mr. Johnston used the building to build street rod racing cars as a hobby. He also repaired televisions.
- The stopped using the building in the early 1990s. She is aware the building is in poor condition and the roof in the rear of the building has collapsed.
- She could not comment on any of the chemicals used or chemical waste generated by her husband, if any. She said he was very environmentally conscientious and their young children often were in the building.
- They only used space heaters to heat the building. She did know how the building was formerly heated.
- She does not know if there are any underground or aboveground storage tanks on the property. As well, she did not know if the former convenience store sold gasoline.
- She was unaware of any dumping or improper disposal on the property. She was unaware of any fires on the property.
- The adjacent property to the west was owned by Randall Jones. As a hobby he constructed a “wild west” frontier land amusement park consisting primarily of wooden structures. She mentioned that in 2013 the park structures caught on fire. She recalls that the structures were allowed to burn.
On July 24, 2017 at 11:00, Mr. Robby Kiser, Acting Fire Chief, Pulaski Fire Department, was contacted via telephone (540-440-0120 CELL) regarding emergency response and petroleum or hazardous waste releases and or storage at the site and adjacent properties. Mr. Kiser has been with the Fire Department for 17 years. According to Mr. Kiser, no known fuel storage tanks have been located and no known chemicals were stored, used, or disposed on the site. Mr. Kiser had no recollection of any environmental responses to the subject property. He knew that the back portion of the building had collapsed and he was uncertain of the current condition of the remaining building. No additional information was provided.
On July 24, 2017 at approximately 9 AM, I contacted Mr. Chris Moye, Chief Inspector, Building, Pulaski, Virginia, via telephone (540-994-8615) regarding the condition of the subject property. Mr. Moye stated that the building has not been condem by the Town, the structure was in very poor condition. He is aware there has been no activity at the building for a while. No additional information was provided. Mr Moye has been in his position since April 2017. The Town has been maintaining electronic records since last fall. He is aware of other older records in the basement of his building, but the records are not easily accessible.
PHASE I ENVIRONMENTAL SITE ASSESSMENT

Site Name: Former Barrett’s Store
Site Address: 15 Randolph Ave- tax map #'s 72-32-59-6 & 7)

INTERVIEW QUESTIONS: USER Questionnaire (adapted from Section X3 of ASTM E1527-013)

Please answer each question to the best of your ability to obtain the information. General answers will be more helpful than no information (“cannot recall”).

Purpose: In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”), the user must conduct the following required inquiries. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.

(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25). Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?  

No

(2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)). Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

No

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No
(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

The property is proposed to be donated at no cost

(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

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

To the best of my knowledge, the building was used as a retail (grocery, etc.) store for many decades but has been vacant at least the past 25 to 30 years

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

None known

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

None known

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

None known

(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 releases at the property?

None known

This information has been provided by:

Shawn M. Utt
Print Name

August 2, 2017
Date

Town Manager
Title
APPENDIX C

Regulatory Records Documentation and Physical Setting Sources

EDR Radius Map Report with GeoCheck

FEMA Map

VDEQ Impaired Waters Map

USDA Soil Survey
Former Barretts Store  
15 Randolph Avenue  
Pulaski, VA 24301

Inquiry Number: 5002441.2s  
July 25, 2017
### TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Summary</td>
<td>ES1</td>
</tr>
<tr>
<td>Overview Map</td>
<td>2</td>
</tr>
<tr>
<td>Detail Map</td>
<td>3</td>
</tr>
<tr>
<td>Map Findings Summary</td>
<td>4</td>
</tr>
<tr>
<td>Map Findings</td>
<td>8</td>
</tr>
<tr>
<td>Orphan Summary</td>
<td>148</td>
</tr>
<tr>
<td>Government Records Searched/Data Currency Tracking</td>
<td>GR-1</td>
</tr>
<tr>
<td>GEOCHECK ADDENDUM</td>
<td></td>
</tr>
<tr>
<td>Physical Setting Source Addendum</td>
<td>A-1</td>
</tr>
<tr>
<td>Physical Setting Source Summary</td>
<td>A-2</td>
</tr>
<tr>
<td>Physical Setting Source Map</td>
<td>A-7</td>
</tr>
<tr>
<td>Physical Setting Source Map Findings</td>
<td>A-8</td>
</tr>
<tr>
<td>Physical Setting Source Records Searched</td>
<td>PSGR-1</td>
</tr>
</tbody>
</table>

**Thank you for your business.**

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

---

**Disclaimer - Copyright and Trademark Notice**

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

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.
A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

15 RANDOLPH AVENUE
PULASKI, VA 24301

COORDINATES

Latitude (North): 37.0464410 - 37˚ 2’ 47.18”
Longitude (West): 80.7850810 - 80˚ 47’ 6.29”
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 519111.5
UTM Y (Meters): 4099842.5
Elevation: 1908 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5949970 PULASKI, VA
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20141002
Source: USDA
## MAPPED SITES SUMMARY

**Target Property Address:**
15 RANDOLPH AVENUE
PULASKI, VA  24301

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>
<tbody>
<tr>
<td>A1</td>
<td>JEFFERSON YARNS HILL</td>
<td>27 VALLEY STREET</td>
<td>US BROWNFIELDS, ECHO</td>
<td>Higher</td>
<td>219, 0.041, SSE</td>
</tr>
<tr>
<td>A2</td>
<td>JEFFERSON MILLS</td>
<td>27 VALLY ST</td>
<td>RCRA-SQG, US AIRS</td>
<td>Higher</td>
<td>219, 0.041, SSE</td>
</tr>
<tr>
<td>A3</td>
<td>JEFFERSON MILLS</td>
<td>27 VALLEY ST</td>
<td>LUST, LTANKS, UST</td>
<td>Higher</td>
<td>219, 0.041, SSE</td>
</tr>
<tr>
<td>B4</td>
<td>HUFF PETROLEUM COMP</td>
<td>30 LAGRANGE ST</td>
<td>AST</td>
<td>Higher</td>
<td>312, 0.059, SW</td>
</tr>
<tr>
<td>B5</td>
<td>HUFF PETROLEUM BULK</td>
<td>30 LAGRANGE ST</td>
<td>LUST, LTANKS</td>
<td>Higher</td>
<td>312, 0.059, SW</td>
</tr>
<tr>
<td>C6</td>
<td>190 1ST STREET NW</td>
<td>RCRA-SQG</td>
<td>Lower</td>
<td>397, 0.075, East</td>
<td></td>
</tr>
<tr>
<td>C7</td>
<td>VA CHURCH FURNITURE</td>
<td>190 FIRST STREET NW</td>
<td>LTANKS</td>
<td>Lower</td>
<td>397, 0.075, East</td>
</tr>
<tr>
<td>8</td>
<td>WESTEND GARAGE</td>
<td>303 W MAIN ST</td>
<td>EDR Hist Auto</td>
<td>Higher</td>
<td>421, 0.080, NNW</td>
</tr>
<tr>
<td>B9</td>
<td>REGIONAL EMS PULASKI</td>
<td>60 LAGRANGE ST</td>
<td>EDR Hist Auto</td>
<td>Higher</td>
<td>465, 0.088, SSW</td>
</tr>
<tr>
<td>D10</td>
<td>CONNIE OIL INC</td>
<td>425 W COMMERCE ST</td>
<td>LUST, LTANKS, UST, AST</td>
<td>Higher</td>
<td>513, 0.097, WSW</td>
</tr>
<tr>
<td>D11</td>
<td>NEW RIVER OILS INC</td>
<td>425 COMMERCE ST</td>
<td>EDR Hist Auto</td>
<td>Higher</td>
<td>513, 0.097, WSW</td>
</tr>
<tr>
<td>E12</td>
<td>MAIN STREET LAUNDRY</td>
<td>163 W MAIN ST</td>
<td>EDR Hist Cleaner</td>
<td>Lower</td>
<td>513, 0.097, NE</td>
</tr>
<tr>
<td>E13</td>
<td>WILSONS CLEANERS</td>
<td>143 W MAIN ST</td>
<td>EDR Hist Cleaner</td>
<td>Lower</td>
<td>562, 0.106, NE</td>
</tr>
<tr>
<td>E14</td>
<td>CECILS AUTO REPAIR I</td>
<td>131 W MAIN ST</td>
<td>EDR Hist Auto</td>
<td>Lower</td>
<td>597, 0.113, NE</td>
</tr>
<tr>
<td>15</td>
<td>PULASKI FIRE DEPARTM</td>
<td>117 NORTH JEFFERSON</td>
<td>UST</td>
<td>Lower</td>
<td>704, 0.133, East</td>
</tr>
<tr>
<td>F16</td>
<td>4 MAGNOX DRIVE</td>
<td>RCRA-CESQG</td>
<td>Higher</td>
<td>820, 0.155, NW</td>
<td></td>
</tr>
<tr>
<td>F17</td>
<td>NANOCHEMONICS SITE</td>
<td>4 MAGNOX DRIVE</td>
<td>SEMS, PRP</td>
<td>Higher</td>
<td>820, 0.155, NW</td>
</tr>
<tr>
<td>F18</td>
<td>MAGNOX PULASKI INC</td>
<td>4 MAGNOX DR</td>
<td>AST</td>
<td>Higher</td>
<td>820, 0.155, NW</td>
</tr>
<tr>
<td>G19</td>
<td>NEHI BOTTLING</td>
<td>609 COMMERCE ST</td>
<td>UST</td>
<td>Higher</td>
<td>845, 0.160, WSW</td>
</tr>
<tr>
<td>20</td>
<td>PULASKI COUNTY CIRCU</td>
<td>143 3RD ST NW</td>
<td>LTANKS</td>
<td>Higher</td>
<td>909, 0.172, NNE</td>
</tr>
<tr>
<td>G21</td>
<td>SADLER HOSIERY MILLS</td>
<td>535 COMMERCE ST</td>
<td>RCRA NonGen / NLR, FINDS, ECHO</td>
<td>Higher</td>
<td>909, 0.172, West</td>
</tr>
<tr>
<td>H22</td>
<td>235 N JEFFERSON AVEN</td>
<td>235 N JEFFERSON AVEN</td>
<td>RCRA-CESQG</td>
<td>Lower</td>
<td>931, 0.176, NE</td>
</tr>
<tr>
<td>23</td>
<td>TOWN OF PULASKI MUNI</td>
<td>42 FIRST ST NW</td>
<td>UST</td>
<td>Lower</td>
<td>1095, 0.207, East</td>
</tr>
<tr>
<td>H24</td>
<td>COUNTY ADMINISTRATIO</td>
<td>143 3RD ST NW</td>
<td>AST</td>
<td>Higher</td>
<td>1111, 0.210, NE</td>
</tr>
<tr>
<td>25</td>
<td>JEFFERSON SCHOOL</td>
<td>85 FIRST STREET SOUT</td>
<td>US BROWNFIELDS, ECHO</td>
<td>Higher</td>
<td>1149, 0.218, SE</td>
</tr>
<tr>
<td>I26</td>
<td>TOWN OF PULASKI PUBL</td>
<td>27 STATE ST</td>
<td>UST, Financial Assurance</td>
<td>Higher</td>
<td>1167, 0.221, WSW</td>
</tr>
<tr>
<td>I27</td>
<td>TOWN OF PULASKI PUBL</td>
<td>27 STATE ST</td>
<td>LUST, LTANKS</td>
<td>Higher</td>
<td>1167, 0.221, WSW</td>
</tr>
<tr>
<td>I28</td>
<td>TOWN OF PULASKI PUBL</td>
<td>27 STATE ST</td>
<td>LUST, LTANKS</td>
<td>Higher</td>
<td>1167, 0.221, WSW</td>
</tr>
<tr>
<td>I29</td>
<td>HERCULES PLANT - PUL</td>
<td>720 COMMERCE ST</td>
<td>SEMS-ARCHIVE</td>
<td>Higher</td>
<td>1302, 0.247, West</td>
</tr>
<tr>
<td>I30</td>
<td>PULASKI PLANT</td>
<td>720 COMMERCE ST</td>
<td>UST</td>
<td>Higher</td>
<td>1302, 0.247, West</td>
</tr>
<tr>
<td>31</td>
<td>FORMER BB&amp;T BUILDING</td>
<td>1 WEST MAIN ST</td>
<td>LUST, LTANKS</td>
<td>Lower</td>
<td>1385, 0.262, ENE</td>
</tr>
<tr>
<td>J32</td>
<td>NORFOLK &amp; WESTERN -P</td>
<td>2 S. WASHINGTON ST.</td>
<td>LUST</td>
<td>Lower</td>
<td>1394, 0.264, East</td>
</tr>
<tr>
<td>J33</td>
<td>PULASKI BUS STATION</td>
<td>6 SOUTH WASHINGTON A</td>
<td>LTANKS, UST</td>
<td>Lower</td>
<td>1394, 0.264, East</td>
</tr>
<tr>
<td>34</td>
<td>FROST RESIDENCE</td>
<td>160 CLIFF ST</td>
<td>LUST, LTANKS</td>
<td>Higher</td>
<td>1401, 0.265, SW</td>
</tr>
<tr>
<td>J35</td>
<td>TOWN OF PULASKI</td>
<td>WASHINGTON AVE. AND</td>
<td>LUST</td>
<td>Lower</td>
<td>1414, 0.268, East</td>
</tr>
<tr>
<td>J36</td>
<td>TOWN OF PULASKI</td>
<td>WASHINGTON AVE AT CO</td>
<td>LTANKS, UST</td>
<td>Higher</td>
<td>1415, 0.268, East</td>
</tr>
<tr>
<td>K37</td>
<td>NORFOLK &amp; WESTERN RA</td>
<td>DORA HIGHWAY &amp; EAST</td>
<td>LTANKS, UST</td>
<td>Higher</td>
<td>1467, 0.278, ESE</td>
</tr>
<tr>
<td>38</td>
<td>HALE PROPERTY</td>
<td>59 BERTHA STREET</td>
<td>LTANKS</td>
<td>Higher</td>
<td>1470, 0.278, WSW</td>
</tr>
<tr>
<td>K39</td>
<td>ELITE MOBIL STATION</td>
<td>40 S WASHINGTON AVE</td>
<td>LTANKS</td>
<td>Higher</td>
<td>1480, 0.280, ESE</td>
</tr>
</tbody>
</table>
### MAPPED SITES SUMMARY

**Target Property Address:**
15 RANDOLPH AVENUE
PULASKI, VA  24301

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.)</th>
<th>DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L40</td>
<td>CHARTER FEDERAL SAVI</td>
<td>250 N. WASHINGTON AV</td>
<td>LUST, LTANKS</td>
<td>Lower</td>
<td>1849, 0.350</td>
<td>ENE</td>
</tr>
<tr>
<td>M41</td>
<td>7-ELEVEN STORE 1055-</td>
<td>401 NORTH WASHINGTON</td>
<td>LTANKS, UST</td>
<td>Higher</td>
<td>1897, 0.359</td>
<td>NE</td>
</tr>
<tr>
<td>L42</td>
<td>MCCREADY LUMBER (BFP)</td>
<td>RT 99 AND PEAKE CREE</td>
<td>US BROWNFIELDS, FINDS</td>
<td>Lower</td>
<td>1996, 0.378</td>
<td>ENE</td>
</tr>
<tr>
<td>M43</td>
<td>FORMER RUTHERFORD PO</td>
<td>419 N WASHINGTON AVE</td>
<td>LTANKS</td>
<td>Higher</td>
<td>2013, 0.381</td>
<td>NE</td>
</tr>
<tr>
<td>44</td>
<td>BLUE RIDGE SUPPLY CO</td>
<td>92 1ST ST NE</td>
<td>LTANKS</td>
<td>Lower</td>
<td>2049, 0.388</td>
<td>East</td>
</tr>
<tr>
<td>N46</td>
<td>CAVALIER SUPPLY COMP</td>
<td>301 N. MADISON AVENUE</td>
<td>VCP, SPILLS</td>
<td>Higher</td>
<td>2124, 0.402</td>
<td>ENE</td>
</tr>
<tr>
<td>N47</td>
<td>7-11 NO. 19586</td>
<td>491 N.WASHINGTON AVE</td>
<td>LUST, LTANKS, UST</td>
<td>Higher</td>
<td>2156, 0.408</td>
<td>NE</td>
</tr>
<tr>
<td>O48</td>
<td>HUFF COAL AND OIL CO</td>
<td>308 N. MADISON AVE.,</td>
<td>LUST</td>
<td>Lower</td>
<td>2301, 0.436</td>
<td>ENE</td>
</tr>
<tr>
<td>O49</td>
<td>HUFF PETROLEUM CO</td>
<td>308 N. MADISON AVE.</td>
<td>LTANKS</td>
<td>Lower</td>
<td>2301, 0.436</td>
<td>ENE</td>
</tr>
<tr>
<td>50</td>
<td>MS. DEBRA MATHENA RE</td>
<td>228 2ND STREET S.E.</td>
<td>LUST, LTANKS</td>
<td>Higher</td>
<td>2544, 0.482</td>
<td>ESE</td>
</tr>
<tr>
<td>51</td>
<td>OLD CAR WASH SITE</td>
<td>50 FIFTH ST NE</td>
<td>LUST, LTANKS</td>
<td>Higher</td>
<td>2630, 0.498</td>
<td>NE</td>
</tr>
</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

**Federal NPL site list**
- NPL National Priority List
- Proposed NPL Proposed National Priority List Sites
- NPL LIENS Federal Superfund Liens

**Federal Delisted NPL site list**
- Delisted NPL National Priority List Deletions

**Federal CERCLIS list**
- FEDERAL FACILITY Federal Facility Site Information listing

**Federal RCRA CORRACTS facilities list**
- CORRACTS Corrective Action Report

**Federal RCRA non-CORRACTS TSD facilities list**
- RCRA-TSDF RCRA - Treatment, Storage and Disposal

**Federal RCRA generators list**
- RCRA-LQG RCRA - Large Quantity Generators

**Federal institutional controls / engineering controls registries**
- LUCIS Land Use Control Information System
- US ENG CONTROLS Engineering Controls Sites List
- US INST CONTROL Sites with Institutional Controls

**Federal ERNS list**
- ERNS Emergency Response Notification System

**State- and tribal - equivalent CERCLIS**
- SHWS This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists
SWF/LF. Solid Waste Management Facilities

State and tribal leaking storage tank lists
INDIAN LUST. Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists
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

State and tribal voluntary cleanup sites
INDIAN VCP. Voluntary Cleanup Priority Listing

State and tribal Brownfields sites
BROWNFIELDS. Brownfields Site Specific Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites
INDIAN ODI. Report on the Status of Open Dumps on Indian Lands
ODI. Open Dump Inventory
DEBRIS REGION 9. Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS. Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites
US HIST CDL. Delisted National Clandestine Laboratory Register
US CDL. National Clandestine Laboratory Register

Local 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
FUDS. Formerly Used Defense Sites
EXECUTIVE SUMMARY

DOD. Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR. Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSRC Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD. Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE. Steam-Electric Plant Operation Data
COAL ASH EPA. Coal Combustion Residuals Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADIOINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
FINDS Facility Index System/Facility Registry System
DOCKET HWC. Hazardous Waste Compliance Docket Listing
UXO Unexploded Ordnance Sites
ECHO Enforcement & Compliance History Information
FUELS PROGRAM EPA Fuels Program Registered Listing
AIRS. Permitted Airs Facility List
NPDES Comprehensive Environmental Data System
COAL ASH Coal Ash Disposal Sites
DRYCLEANERS Drycleaner List
ENF Enforcement Actions Data
Financial Assurance Financial Assurance Information Listing
TIER 2 Tier 2 Information Listing
UIC Underground Injection Control Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA LF Recovered Government Archive Solid Waste Facilities List
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

**Federal CERCLIS list**

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 02/07/2017 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>NANOCHEMONICS SITE</td>
<td>4 MAGNOX DRIVE</td>
<td>NW 1/8 - 1/4 (0.155 mi.)</td>
<td>F17</td>
<td>78</td>
</tr>
</tbody>
</table>

**Federal CERCLIS NFRAP site list**

SEMS-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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 02/07/2017 has revealed that there
EXECUTIVE SUMMARY

is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>HERCULES PLANT - PUL</td>
<td>720 COMMERCE ST</td>
<td>W 1/8 - 1/4 (0.247 mi.)</td>
<td>i29</td>
<td>106</td>
</tr>
</tbody>
</table>

**Federal RCRA generators list**

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not reported</td>
<td>27 VALLY ST</td>
<td>SSE 0 - 1/8 (0.041 mi.)</td>
<td>A2</td>
<td>13</td>
</tr>
<tr>
<td>Lower Elevation</td>
<td>Address</td>
<td>Direction / Distance</td>
<td>Map ID</td>
<td>Page</td>
</tr>
<tr>
<td>Not reported</td>
<td>190 1ST STREET NW</td>
<td>E 0 - 1/8 (0.075 mi.)</td>
<td>C6</td>
<td>45</td>
</tr>
</tbody>
</table>

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not reported</td>
<td>4 MAGNOX DRIVE</td>
<td>NW 1/8 - 1/4 (0.155 mi.)</td>
<td>F16</td>
<td>73</td>
</tr>
<tr>
<td>Lower Elevation</td>
<td>Address</td>
<td>Direction / Distance</td>
<td>Map ID</td>
<td>Page</td>
</tr>
<tr>
<td>Not reported</td>
<td>235 N JEFFERSON AVEN</td>
<td>NE 1/8 - 1/4 (0.176 mi.)</td>
<td>H22</td>
<td>86</td>
</tr>
</tbody>
</table>

**State and tribal leaking storage tank lists**

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, has revealed that there are 16 LUST sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEFFERSON MILLS</td>
<td>27 VALLEY ST</td>
<td>SSE 0 - 1/8 (0.041 mi.)</td>
<td>A3</td>
<td>26</td>
</tr>
</tbody>
</table>

Database: LUST REG WC, Date of Government Version: 06/04/2015
### EXECUTIVE SUMMARY

| Poll. Control # | Poll. Control # | Poll. Control # | Poll. Control # | Address | Lower Elevation | Case Status | Date Closed | Map ID | Page |
|----------------|----------------|----------------|----------------|--------|----------------|-------------|-------------|--------|------|------|
| 20122114       | 20072034       | 20122252       | 20072074       | HUFF PETROLEUM BULK | 30 LAGRANGE ST | SW 0 - 1/8 (0.059 mi.) | Closed     | 1998-11-03 00:00:00 | B5 44 |      |
| 20072110       | 20122252       | 20072034       | 20072074       | TOWN OF PULASKI PUBL | 27 STATE ST | WSW 0 - 1/8 (0.097 mi.) | Closed     | 1993-03-17 00:00:00 | D10 48 |      |
| 20072034       | 20122252       | 20072074       | 20072074       | TOWN OF PULASKI PUBL | 27 STATE ST | WSW 1/8 - 1/4 (0.221 mi.) | Closed     | 1993-03-17 00:00:00 | I27 105 |      |
| 20072034       | 20122252       | 20072074       | 20072074       | TOWN OF PULASKI PUBL | 27 STATE ST | WSW 1/8 - 1/4 (0.221 mi.) | Closed     | 1993-03-17 00:00:00 | I28 105 |      |
| 20072034       | 20122252       | 20072074       | 20072074       | FROST RESIDENCE | 160 CLIFF ST | SW 1/4 - 1/2 (0.265 mi.) | Closed     | 1993-03-17 00:00:00 | 34 119 |      |
| 20072034       | 20122252       | 20072074       | 20072074       | HALE PROPERTY | 59 BERTHA STREET | WSW 1/4 - 1/2 (0.278 mi.) | Closed | 1993-03-17 00:00:00 | 38 126 |      |
| 20082065       | 20082065       | 20142233       | 20072074       | CAVALIER SUPPLY COMP | 400 N WASHINGTON AVE | NE 1/4 - 1/2 (0.408 mi.) | Closed     | 1993-03-17 00:00:00 | N46 138 |      |
| 19586          | 491 N.WASHINGTON AVE | 90-1590        | 20072074       | 7-11 NO. 19586 | 491 N.WASHINGTON AVE | NE 1/4 - 1/2 (0.413 mi.) | Closed     | 1993-03-17 00:00:00 | N47 146 |      |
| 20072034       | 20122252       | 20072074       | 20072074       | MS. DEBRA MATHENA RE | 228 2ND STREET S.E. | ESE 1/4 - 1/2 (0.482 mi.) | Closed     | 1993-03-17 00:00:00 | 50 147 |      |
| 20122074       | 20072074       | 20072074       | 20072074       | OLD CAR WASH SITE | 50 FIFTH ST NE | NE 1/4 - 1/2 (0.498 mi.) | Closed     | 1993-03-17 00:00:00 | 51 147 |      |
| 20072074       | 20072074       | 20072074       | 20072074       | FORMER BB&T BUILDING | 1 WEST MAIN ST | ENE 1/4 - 1/2 (0.262 mi.) | Closed     | 1993-03-17 00:00:00 | 31 108 |      |
EXECUTIVE SUMMARY

Pollution Control #: 20102237

NORFOLK & WESTERN - P 2 S. WASHINGTON ST. E 1/4 - 1/2 (0.264 mi.) J32 108
Database: LUST REG WC, Date of Government Version: 06/04/2015
Date Closed: 1994-08-18 00:00:00
Pollution Control #: 91-1195

TOWN OF PULASKI WASHINGTON AVE. AND ENE 1/4 - 1/2 (0.436 mi.) O48 146
Database: LUST REG WC, Date of Government Version: 06/04/2015
Date Closed: 1997-01-31 00:00:00
Pollution Control #: 93-1181N

CHARTER FEDERAL SAVI 250 N. WASHINGTON AV ENE 1/4 - 1/2 (0.350 mi.) L40 127
Database: LUST REG WC, Date of Government Version: 06/04/2015
Date Closed: 1997-10-30 00:00:00
Pollution Control #: 97-1062N

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 02/03/2017 has revealed that there are 22 LTANKS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEFFERSON MILLS</td>
<td>27 VALLEY ST</td>
<td>SSE 0 - 1/8 (0.041 mi.)</td>
<td>A3</td>
<td>26</td>
</tr>
<tr>
<td>Facility Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEDS Facility Id: 200000089414</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 19920195</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 20122114</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUFF PETROLEUM BULK</td>
<td>30 LAGRANGE ST</td>
<td>SW 0 - 1/8 (0.059 mi.)</td>
<td>B5</td>
<td>44</td>
</tr>
<tr>
<td>Facility Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEDS Facility Id: 200000095560</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 20082025</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 20072012</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 19961025</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONNIE OIL INC</td>
<td>425 W COMMERCE ST</td>
<td>WSW 0 - 1/8 (0.097 mi.)</td>
<td>D10</td>
<td>48</td>
</tr>
<tr>
<td>Facility Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEDS Facility Id: 200000096011</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 19991029</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 19932158</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PULASKI COUNTY CIRCU</td>
<td>143 3RD ST NW</td>
<td>NNE 1/8 - 1/4 (0.172 mi.)</td>
<td>20</td>
<td>85</td>
</tr>
<tr>
<td>Facility Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEDS Facility Id: 200000081222</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 19941545</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOWN OF PULASKI PUBL</td>
<td>27 STATE ST</td>
<td>WSW 1/8 - 1/4 (0.221 mi.)</td>
<td>I27</td>
<td>105</td>
</tr>
<tr>
<td>Facility Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEDS Facility Id: 20000008337</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Complaint #: 20072110</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOWN OF PULASKI PUBL</td>
<td>27 STATE ST</td>
<td>WSW 1/8 - 1/4 (0.221 mi.)</td>
<td>I28</td>
<td>105</td>
</tr>
<tr>
<td>Facility Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEDS Facility Id: 20000008337</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Name</td>
<td>Address</td>
<td>Direction / Distance</td>
<td>Map ID</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------------------------------</td>
<td>------------------</td>
<td>----------------------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>FROST RESIDENCE</td>
<td>160 CLIFF ST</td>
<td>SW 1/4 - 1/2 (0.265 mi.)</td>
<td>34</td>
<td>119</td>
</tr>
<tr>
<td>TOWN OF PULASKI</td>
<td>WASHINGTON AVE AT CO</td>
<td>E 1/4 - 1/2 (0.268 mi.)</td>
<td>J36</td>
<td>120</td>
</tr>
<tr>
<td>NORFOLK &amp; WESTERN RA</td>
<td>DORA HIGHWAY &amp; EAST</td>
<td>ESE 1/4 - 1/2 (0.278 mi.)</td>
<td>K37</td>
<td>124</td>
</tr>
<tr>
<td>HALE PROPERTY</td>
<td>59 BERTHA STREET</td>
<td>WSW 1/4 - 1/2 (0.278 mi.)</td>
<td>38</td>
<td>126</td>
</tr>
<tr>
<td>ELITE MOBIL STATION</td>
<td>40 S WASHINGTON AVE</td>
<td>ESE 1/4 - 1/2 (0.280 mi.)</td>
<td>K39</td>
<td>126</td>
</tr>
<tr>
<td>7-ELEVEN STORE 1055-</td>
<td>401 NORTH WASHINGTON</td>
<td>NE 1/4 - 1/2 (0.359 mi.)</td>
<td>M41</td>
<td>127</td>
</tr>
<tr>
<td>FORMER RUTHERFORD PO</td>
<td>419 N WASHINGTON AVE</td>
<td>NE 1/4 - 1/2 (0.381 mi.)</td>
<td>M43</td>
<td>133</td>
</tr>
<tr>
<td>CAVALIER SUPPLY COMP</td>
<td>400 N WASHINGTON AVE</td>
<td>NE 1/4 - 1/2 (0.408 mi.)</td>
<td>N46</td>
<td>138</td>
</tr>
<tr>
<td>MS. DEBRA MATHENA RE</td>
<td>228 2ND STREET S.E.</td>
<td>ESE 1/4 - 1/2 (0.482 mi.)</td>
<td>50</td>
<td>147</td>
</tr>
<tr>
<td>OLD CAR WASH SITE</td>
<td>50 FIFTH ST NE</td>
<td>NE 1/4 - 1/2 (0.498 mi.)</td>
<td>51</td>
<td>147</td>
</tr>
<tr>
<td>VA CHURCH FURNITURE</td>
<td>190 FIRST STREET NW</td>
<td>E 0 - 1/8 (0.075 mi.)</td>
<td>C7</td>
<td>47</td>
</tr>
<tr>
<td>FORMER BB&amp;T BUILDING</td>
<td>1 WEST MAIN ST</td>
<td>ENE 1/4 - 1/2 (0.262 mi.)</td>
<td>31</td>
<td>108</td>
</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

Facility Status: Closed
CEDS Facility Id: 200000853552
Pollution Complaint #: 20102237

**PULASKI BUS STATION**
- Address: 6 SOUTH WASHINGTON A
- Direction / Distance: E 1/4 - 1/2 (0.264 mi.)
- Map ID: J33
- Page: 109

Facility Status: Closed
CEDS Facility Id: 200000095561
Pollution Complaint #: 19921330

**CHARTER FEDERAL SAVI**
- Address: 250 N. WASHINGTON AV
- Direction / Distance: ENE 1/4 - 1/2 (0.350 mi.)
- Map ID: L40
- Page: 127

Facility Status: Closed
CEDS Facility Id: 200000081195
Pollution Complaint #: 19971062

**BLUE RIDGE SUPPLY CO**
- Address: 92 1ST ST NE
- Direction / Distance: E 1/4 - 1/2 (0.388 mi.)
- Map ID: 44
- Page: 133

Facility Status: Closed
CEDS Facility Id: 200000081192
Pollution Complaint #: 20022076

**HUFF PETROLEUM CO**
- Address: 308 N. MADISON AVE.
- Direction / Distance: ENE 1/4 - 1/2 (0.436 mi.)
- Map ID: O49
- Page: 146

Facility Status: Closed
CEDS Facility Id: 200000093858
Pollution Complaint #: 19931181

State and tribal registered storage tank lists

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 02/03/2017 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEFFERSON MILLS</td>
<td>27 VALLEY ST</td>
<td>SSE 0 - 1/8 (0.041 mi.)</td>
<td>A3</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>Tank Status: CLS IN GRD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Status: REM FROM GRD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility Id: 2007582</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEDS Facility Id: 200000089414</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONNIE OIL INC</td>
<td>425 W COMMERCE ST</td>
<td>WSW 0 - 1/8 (0.097 mi.)</td>
<td>D10</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>Tank Status: REM FROM GRD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility Id: 2013783</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEDS Facility Id: 200000096011</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEHI BOTTLING</td>
<td>609 COMMERCE ST</td>
<td>WSW 1/8 - 1/4 (0.160 mi.)</td>
<td>G19</td>
<td>83</td>
</tr>
<tr>
<td></td>
<td>Tank Status: PERM OUT OF USE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility Id: 2013801</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEDS Facility Id: 200000081217</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOWN OF PULASKI PUBL</td>
<td>27 STATE ST</td>
<td>WSW 1/8 - 1/4 (0.221 mi.)</td>
<td>I26</td>
<td>96</td>
</tr>
<tr>
<td></td>
<td>Tank Status: CURR IN USE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tank Status: REM FROM GRD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility Id: 2019257</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEDS Facility Id: 200000083337</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PULASKI PLANT</td>
<td>720 COMMERCE ST</td>
<td>W 1/8 - 1/4 (0.247 mi.)</td>
<td>I30</td>
<td>106</td>
</tr>
</tbody>
</table>

TC5002441.2s EXECUTIVE SUMMARY 12
EXECUTIVE SUMMARY

Tank Status: REM FROM GRD
Facility Id: 2010850
CEDS Facility ID: 200000089645

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PULASKI FIRE DEPARTEM</td>
<td>117 NORTH JEFFERSON</td>
<td>E 1/8 - 1/4 (0.133 mi.)</td>
<td>15</td>
<td>72</td>
</tr>
<tr>
<td>TOWN OF PULASKI MUNI</td>
<td>42 FIRST ST NW</td>
<td>E 1/8 - 1/4 (0.207 mi.)</td>
<td>23</td>
<td>90</td>
</tr>
</tbody>
</table>

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 02/03/2017 has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUFF PETROLEUM COMPA</td>
<td>30 LAGRANGE ST</td>
<td>SW 0 - 1/8 (0.059 mi.)</td>
<td>B4</td>
<td>31</td>
</tr>
<tr>
<td>CONNIE OIL INC</td>
<td>425 W COMMERCE ST</td>
<td>WSW 0 - 1/8 (0.097 mi.)</td>
<td>D10</td>
<td>48</td>
</tr>
<tr>
<td>MAGNOX PULASKI INC</td>
<td>4 MAGNOX DR</td>
<td>NW 1/8 - 1/4 (0.155 mi.)</td>
<td>F18</td>
<td>81</td>
</tr>
<tr>
<td>COUNTY ADMINISTRATIO</td>
<td>143 3RD ST NW</td>
<td>NE 1/8 - 1/4 (0.210 mi.)</td>
<td>H24</td>
<td>91</td>
</tr>
</tbody>
</table>

State and tribal voluntary cleanup sites

VCP: The Voluntary Remediation Program encourages owners of selected contaminated sites to take the initiative to conduct voluntary cleanups that meet state environmental standards. These sites are generally either open dumps or unpermitted solid waste disposal facilities. VRP sites can not be listed on the NPL, nor can they involve disposed RCRA hazardous wastes. The source of this data is the Department of Environmental Quality.

A review of the VCP list, as provided by EDR, and dated 04/20/2017 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PULASKI FURNITURE FA</td>
<td>301 N. MADISON AVENUE</td>
<td>ENE 1/4 - 1/2 (0.402 mi.)</td>
<td>45</td>
<td>133</td>
</tr>
</tbody>
</table>
Facility ID: VRP00501

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS: The EPA’s listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 03/02/2017 has revealed that there are 3 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEFFERSON YARNS HILL</td>
<td>27 VALLEY STREET SSE</td>
<td>0 - 1/8 (0.041 mi.)</td>
<td>A1</td>
<td>8</td>
</tr>
<tr>
<td>JEFFERSON SCHOOL</td>
<td>85 FIRST STREET SOUT</td>
<td>1/8 - 1/4 (0.218 mi.)</td>
<td>25</td>
<td>93</td>
</tr>
</tbody>
</table>

Lower Elevation

<table>
<thead>
<tr>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCCREADY LUMBER (BFP)</td>
<td>RT 99 AND PEAKE CREE ENE</td>
<td>L42</td>
<td>130</td>
</tr>
</tbody>
</table>

Other Ascertainable Records

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SADLER HOSIERY MILLS</td>
<td>535 COMMERCE ST W</td>
<td>1/8 - 1/4 (0.172 mi.)</td>
<td>G21</td>
<td>85</td>
</tr>
</tbody>
</table>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: 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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WESTEND GARAGE</td>
<td>303 W MAIN ST</td>
<td>NNW 0 - 1/8 (0.080 mi.)</td>
<td>8</td>
<td>47</td>
</tr>
<tr>
<td>REGIONAL EMS PULASKI</td>
<td>60 LAGRANGE ST</td>
<td>SSW 0 - 1/8 (0.088 mi.)</td>
<td>B9</td>
<td>47</td>
</tr>
<tr>
<td>NEW RIVER OILS INC</td>
<td>425 COMMERCE ST</td>
<td>WSW 0 - 1/8 (0.097 mi.)</td>
<td>D11</td>
<td>69</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CECILS AUTO REPAIR I</td>
<td>131 W MAIN ST</td>
<td>NE 0 - 1/8 (0.113 mi.)</td>
<td>E14</td>
<td>71</td>
</tr>
</tbody>
</table>

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN STREET LAUNDRY</td>
<td>163 W MAIN ST</td>
<td>NE 0 - 1/8 (0.097 mi.)</td>
<td>E12</td>
<td>70</td>
</tr>
<tr>
<td>WILSONS CLEANERS</td>
<td>143 W MAIN ST</td>
<td>NE 0 - 1/8 (0.106 mi.)</td>
<td>E13</td>
<td>71</td>
</tr>
</tbody>
</table>
Due to poor or inadequate address information, the following sites were not mapped. Count: 14 records.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEIJING MOTEL</td>
<td>LUST</td>
</tr>
<tr>
<td>PULASKI FURNITURE FACILITY PLANT 5</td>
<td>LUST, LTANKS, AIRS</td>
</tr>
<tr>
<td>PULASKI MOTOR CO.</td>
<td>RCRA-SQG, LUST</td>
</tr>
<tr>
<td>FORMER RUTHERFORD PONTIAC DEALERSH</td>
<td>LUST</td>
</tr>
<tr>
<td>BLUE RIDGE SUPPLY COMPANY</td>
<td>LUST</td>
</tr>
<tr>
<td>7-11 STORE #20615</td>
<td>LUST</td>
</tr>
<tr>
<td>RATCLIFF MOBIL STATION GWM</td>
<td>LUST</td>
</tr>
<tr>
<td>PULASKI BUS STATION#</td>
<td>LUST</td>
</tr>
<tr>
<td>CAVILIER SUPPLY</td>
<td>LUST</td>
</tr>
<tr>
<td>NEW RIVER OIL CO.-EARL,S MOBIL</td>
<td>LUST, LTANKS</td>
</tr>
<tr>
<td>PULASKI FURNITURE</td>
<td>LTANKS</td>
</tr>
<tr>
<td>RAS PROPERTIES LLC</td>
<td>LTANKS</td>
</tr>
<tr>
<td>SPROULE BRANCH ADJ TO BEIJING MOTE</td>
<td>LTANKS</td>
</tr>
</tbody>
</table>
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.
### Standard Environmental Records

#### Federal NPL Site List
- **NPL**: 1.000 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: NR, Total: 0
- **Proposed NPL**: 1.000 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: NR, Total: 0
- **NPL Liens**: TP
  - Target Property: NR, NR, NR, NR, NR, Total: 0

#### Federal Delisted NPL Site List
- **Delisted NPL**: 1.000 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: NR, Total: 0

#### Federal CERCLIS List
- **FEDERAL FACILITY**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0
- **SEMS**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 1, Total: 1

#### Federal CERCLIS NFRAP Site List
- **SEMS-ARCHIVE**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 1, Total: 1

#### Federal RCRA CORRACS Facilities List
- **CORRACS**: 1.000 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: 0, > 1: NR, Total: 0

#### Federal RCRA non-CORRACS TSD Facilities List
- **RCRA-TSDF**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0

#### Federal RCRA Generators List
- **RCRA-LQG**: 0.250 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0
- **RCRA-SQG**: 0.250 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 2, Total: 2
- **RCRA-CESQG**: 0.250 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 2, Total: 2

#### Federal Institutional Controls / Engineering Controls Registries
- **LUCIS**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0
- **US ENG CONTROLS**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0
- **US INST CONTROL**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0

#### Federal ERNS List
- **ERNS**: TP
  - Target Property: NR, NR, NR, NR, NR, Total: 0

#### State- and Tribal - Equivalent CERCLIS
- **SHWS**: N/A
  - Target Property: N/A, N/A, N/A, N/A, N/A, N/A, N/A

#### State and Tribal Landfill and/or Solid Waste Disposal Site Lists
- **SWF/LF**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: 0, 1/2 - 1: NR, > 1: NR, Total: 0

#### State and Tribal Leaking Storage Tank Lists
- **LUST**: 0.500 miles
  - Target Property: < 1/8: 3, 1/8 - 1/4: 2, 1/4 - 1/2: 11, 1/2 - 1: NR, > 1: NR, Total: 16
- **INDIAN LUST**: 0.500 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: 0, Total: 0
- **LTANKS**: 0.500 miles
  - Target Property: < 1/8: 4, 1/8 - 1/4: 3, 1/4 - 1/2: 15, 1/2 - 1: NR, > 1: NR, Total: 22

#### State and Tribal Registered Storage Tank Lists
- **FEMA UST**: 0.250 miles
  - Target Property: < 1/8: 0, 1/8 - 1/4: 0, 1/4 - 1/2: NR, 1/2 - 1: NR, > 1: NR, Total: 0
<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>UST</td>
<td>0.250</td>
<td>2</td>
<td>5</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>AST</td>
<td>0.250</td>
<td>2</td>
<td>2</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>INDIAN UST</td>
<td>0.250</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>State and tribal institutional control / engineering control registries</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG CONTROLS</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>INST CONTROL</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>State and tribal voluntary cleanup sites</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INDIAN VCP</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>VCP</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>NR</td>
<td>NR</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td><strong>State and tribal Brownfields sites</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BROWNFIELDS</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>ADDITIONAL ENVIRONMENTAL RECORDS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Local Brownfield lists</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US BROWNFIELDS</td>
<td>0.500</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>NR</td>
<td>NR</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Local Lists of Landfill / Solid Waste Disposal Sites</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INDIAN ODI</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>ODI</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>DEBRIS REGION 9</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>IHS OPEN DUMPS</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Local Lists of Hazardous waste / Contaminated Sites</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US HIST CDL</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>US CDL</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Local Land Records</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LIENS 2</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Records of Emergency Release Reports</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HMIRS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>SPILLS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>SPILLS 90</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Other Ascertainable Records</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RCRA NonGen / NLR</td>
<td>0.250</td>
<td>0</td>
<td>1</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>FUDS</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>DOD</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>SCRD DRYCLEANERS</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>US FIN ASSUR</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>EPA WATCH LIST</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2020 COR ACTION</td>
<td>0.250</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>TSCA</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
### MAP FINDINGS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>SSTSS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>ROD</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>RMP</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>RAATS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>PRP</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>PADS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>ICIS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>FTTS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>MLTS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>COAL ASH DOE</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>COAL ASH EPA</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>PCB TRANSFORMER</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>RADINFO</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>HIST FTTS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>DOT OPS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>CONSENT</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>INDIAN RESERV</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>FUSRAP</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>UMTRA</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>LEAD SMELTERS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>US AIRS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>US MINES</td>
<td>0.250</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>ABANDONED MINES</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>FINDS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>DOCKET HWC</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>UXO</td>
<td>1.000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>ECHO</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>FUELS PROGRAM</td>
<td>0.250</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>AIRS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>NPDES</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>COAL ASH</td>
<td>0.500</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>DRYCLEANERS</td>
<td>0.250</td>
<td>0</td>
<td>0</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>ENF</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>Financial Assurance</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>TIER 2</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
<tr>
<td>UIIC</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
</tbody>
</table>

### EDR HIGH RISK HISTORICAL RECORDS

**EDR Exclusive Records**

- **EDR MGP**: 1.000 0 0 0 0 NR 0
- **EDR Hist Auto**: 0.125 4 NR NR NR NR 4
- **EDR Hist Cleaner**: 0.125 2 NR NR NR NR 2

**EDR RECOVERED GOVERNMENT ARCHIVES**

**Exclusive Recovered Govt. Archives**

- **RGA LF**: TP NR NR NR NR NR 0
### MAP FINDINGS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGA LUST</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>0</td>
</tr>
</tbody>
</table>

- Totals --

|             | 0           | 20          | 18      | 28       | 0         | 0       | 66  |

**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.
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>JEFFERSON YARNS HILL PLANT</td>
<td>US BROWNFIELDS</td>
<td>1014949074</td>
</tr>
<tr>
<td>SSE</td>
<td>27 VALLEY STREET</td>
<td>ECHO</td>
<td>N/A</td>
</tr>
<tr>
<td>&lt; 1/8</td>
<td>PULASKI, VA 24301</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.041 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>219 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site 1 of 3 in cluster A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Property Name:** JEFFERSON YARNS HILL PLANT  
**Recipient Name:** Pulaski, Town of  
**Grant Type:** Assessment  
**Property Number:** Not reported  
**Parcel size:** 3.4  
**Latitude:** 37.0456369  
**Longitude:** -80.7847916  
**HCM Label:** Not reported  
**Map Scale:** Not reported  
**Point of Reference:** Not reported  
**Highlights:** Not reported  
**Datum:** Not reported  
**Acres Property ID:** 125761  
**IC Data Access:** Not reported  
**Start Date:** Not reported  
**Redev Completion Date:** Not reported  
**Completed Date:** Not reported  
**Acres Cleaned Up:** Not reported  
**Cleanup Funding:** Not reported  
**Cleanup Funding Source:** Not reported  
**Assessment Funding:** 50000  
**Assessment Funding Source:** US EPA - Brownfields Assessment Cooperative Agreement  
**Redevelopment Funding:** Not reported  
**Redev. Funding Source:** Not reported  
**Redev. Funding Entity Name:** Not reported  
**Redevelopment Start Date:** Not reported  
**Assessment Funding Entity:** EPA  
**Cleanup Funding Entity:** Not reported  
**Grant Type:** Hazardous  
**Accomplishment Type:** Phase II Environmental Assessment  
**Accomplishment Count:** 0  
**Cooperative Agreement Number:** 97380701  
**Start Date:** 05/02/2011 00:00:00  
**Ownership Entity:** Private  
**Completion Date:** Not reported  
**Current Owner:** Not reported  
**Did Owner Change:** N  
**Cleanup Required:** Y  
**Video Available:** N  
**Photo Available:** Y  
**Institutional Controls Required:** Y  
**IC Category Proprietary Controls:** Not reported  
**IC Cat. Info. Devices:** Not reported  
**IC Cat. Gov. Controls:** Y  
**IC Cat. Enforcement Permit Tools:** Not reported  
**IC in place date:** 01/01/2010 00:00:00  
**IC in place:** Y  
**State/tribal program date:** Not reported  
**State/tribal program ID:** Not reported  
**State/tribal NFA date:** Not reported  
**Air contaminated:** Not reported  
**Air cleaned:** Not reported
JEFFERSON YARNS HILL PLANT (Continued) 1014949074

Asbestos found: Not reported
Asbestos cleaned: Not reported
Controled substance found: Not reported
Controled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Not reported
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Y
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Y
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Y
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Not reported
Surface water cleaned: Not reported
VOCs found: Y
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Surface Water: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 3.4
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 3.4
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N
Asbestos cleaned up: Not reported
Cadmium cleaned up: Not reported
Chromium cleaned up: Not reported
Copper cleaned up: Not reported
Iron cleaned up: Not reported
mercury cleaned up: Not reported
Nickel Cleaned Up: Not reported
No clean up: Not reported
Pesticides cleaned up: Not reported
Selenium cleaned up: Not reported
SVOCs cleaned up: Not reported
Unknown clean up: Not reported
Arsenic contaminant found: Not reported
Cadmium contaminant found: Not reported
<table>
<thead>
<tr>
<th>Map ID</th>
<th>1014949074</th>
</tr>
</thead>
</table>

**JEFFERSON YARNS HILL PLANT** (Continued)

Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory  
Property Description: The property was developed in the early 1900s previously referred to by other names and ownerships including Paul Knitting Mills and Kahn & Feldman-Jefferson Mills. The primary industrial operation was textile products manufacturing. Jefferson Yarns currently consists of two plants single owner and generally considered a single overall operational entity, the Main Plant and the Hill Plant. Operations continue in the Main Plant, whereas operations have ceased in the Hill Plant. The Hill Plant property is currently unused and consists of two former industrial buildings and a parking lot.

<table>
<thead>
<tr>
<th>Below Poverty Number</th>
<th>277</th>
</tr>
</thead>
<tbody>
<tr>
<td>Below Poverty Percent</td>
<td>5.3%</td>
</tr>
<tr>
<td>Meidan Income</td>
<td>3097</td>
</tr>
<tr>
<td>Meidan Income Number</td>
<td>692</td>
</tr>
<tr>
<td>Meidan Income Percent</td>
<td>2.1%</td>
</tr>
<tr>
<td>Vacant Housing Number</td>
<td>181</td>
</tr>
<tr>
<td>Vacant Housing Percent</td>
<td>8.2%</td>
</tr>
<tr>
<td>Unemployed Number</td>
<td>96</td>
</tr>
<tr>
<td>Unemployed Percent</td>
<td>15.4%</td>
</tr>
</tbody>
</table>

Property Name: JEFFERSON YARNS HILL PLANT  
Recipient Name: Pulaski, Town of  
Grant Type: Assessment  
Property Number: Not reported  
Parcel size: 3.4  
Latitude: 37.0456369  
Longitude: -80.7847916  
HCM Label: Not reported  
Map Scale: Not reported  
Point of Reference: Not reported  
Highlights: Not reported  
Datum: Not reported  
Acres Property ID: 125761  
IC Data Access: Not reported  
Start Date: Not reported  
Redev Completion Date: Not reported  
Completed Date: Not reported  
Acres Cleaned Up: Not reported  
Cleanup Funding: Not reported  
Cleanup Funding Source: Not reported  
Assessment Funding: 10000
## JEFFERSON YARNS HILL PLANT (Continued)

<table>
<thead>
<tr>
<th>Assessment Funding Source:</th>
<th>US EPA - Brownfields Assessment Cooperative Agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redevelopment Funding:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Redev. Funding Source:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Redev. Funding Entity Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Redevelopment Start Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Assessment Funding Entity:</td>
<td>EPA</td>
</tr>
<tr>
<td>Cleanup Funding Entity:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Grant Type:</td>
<td>Hazardous</td>
</tr>
<tr>
<td>Accomplishment Type:</td>
<td>Phase I Environmental Assessment</td>
</tr>
<tr>
<td>Accomplishment Count:</td>
<td>1</td>
</tr>
<tr>
<td>Cooperative Agreement Number:</td>
<td>97380701</td>
</tr>
<tr>
<td>Start Date:</td>
<td>08/25/2010 00:00:00</td>
</tr>
<tr>
<td>Ownership Entity:</td>
<td>Private</td>
</tr>
<tr>
<td>Completion Date:</td>
<td>05/16/2011 00:00:00</td>
</tr>
<tr>
<td>Current Owner:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Did Owner Change:</td>
<td>N</td>
</tr>
<tr>
<td>Cleanup Required:</td>
<td>Y</td>
</tr>
<tr>
<td>Video Available:</td>
<td>N</td>
</tr>
<tr>
<td>Photo Available:</td>
<td>Y</td>
</tr>
<tr>
<td>Institutional Controls Required:</td>
<td>Y</td>
</tr>
<tr>
<td>IC Category Proprietary Controls:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Info. Devices:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Gov. Controls:</td>
<td>Y</td>
</tr>
<tr>
<td>IC Cat. Enforcement Permit Tools:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC in place date:</td>
<td>01/01/2010 00:00:00</td>
</tr>
<tr>
<td>IC in place:</td>
<td>Y</td>
</tr>
<tr>
<td>State/tribal program date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal program ID:</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal NFA date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air contaminated:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Asbestos found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Asbestos cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Controled substance found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Controled substance cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Drinking water affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Drinking water cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Groundwater affected:</td>
<td>Y</td>
</tr>
<tr>
<td>Groundwater cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Lead contaminant found:</td>
<td>Y</td>
</tr>
<tr>
<td>Lead cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>No media affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Unknown media affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other metals found:</td>
<td>Y</td>
</tr>
<tr>
<td>Other metals cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other contaminants found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other contams found description:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PAHs found:</td>
<td>Y</td>
</tr>
<tr>
<td>PAHs cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PCBs found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PCBs cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Petro products found:</td>
<td>Y</td>
</tr>
<tr>
<td>Petro products cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Sediments found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Sediments cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Soil affected:</td>
<td>Y</td>
</tr>
</tbody>
</table>
The property was developed in the early 1900s previously referred to by other names and ownerships including Paul Knitting Mills and Kahn & Feldman-Jefferson Mills. The primary industrial operation was textile products manufacturing. Jefferson Yarns currently consists of two plants single owner and generally considered a single overall operational entity, the Main Plant and the Hill Plant. Operations continue in the Main Plant, whereas operations have ceased in the Hill Plant. The Hill Plant property is currently unused and consists of two former industrial buildings and a parking lot.
JEFFERSON YARNS HILL PLANT (Continued)

Below Poverty Number: 277  
Below Poverty Percent: 5.3%  
Meidan Income: 3097  
Meidan Income Number: 692  
Meidan Income Percent: 2.1%  
Vacant Housing Number: 181  
Vacant Housing Percent: 8.2%  
Unemployed Number: 96  
Unemployed Percent: 15.4%

ECHO:
Envid: 1014949074  
Registry ID: 110000603954  
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000603954

A2  
SSE  
< 1/8  
0.041 mi.  
219 ft.  
Site 2 of 3 in cluster A

Relative: Higher  
Actual: 1913 ft.

Date form received by agency: 01/06/2015  
Facility name: Not reported  
Facility address: 27 VALLY ST  
PULASKI, VA 24301  
EPA ID: VAD001483486  
Mailing address: VALLEY & COMMERCE STS  
PULASKI, VA 24301  
Contact: JOHN ROBERSON  
Contact address: VALLEY & COMMERCE STS  
PULASKI, VA 24301  
Contact country: US  
Contact telephone: (703) 980-1530  
Contact email: Not reported  
EPA Region: Not reported  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time
SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: Waste name: F001. Waste code: D001. IGNITABLE WASTE

THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Facility Has Received Notices of Violations:

<table>
<thead>
<tr>
<th>Regulation violated</th>
<th>Area of violation</th>
<th>Date violation determined</th>
<th>Date achieved compliance</th>
<th>Violation lead agency</th>
<th>Enforcement action</th>
<th>Enforcement action date</th>
<th>Enf. disposition status</th>
<th>Enf. disp. status date</th>
<th>Enforcement lead agency</th>
<th>Proposed penalty amount</th>
<th>Final penalty amount</th>
<th>Paid penalty amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not reported</td>
<td>Used Oil - Generators</td>
<td>07/19/2016</td>
<td>07/19/2016</td>
<td>State</td>
<td>VERBAL INFORMAL</td>
<td>08/11/2016</td>
<td>Not reported</td>
<td>Not reported</td>
<td>State</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

Evaluation Action Summary:

<table>
<thead>
<tr>
<th>Evaluation date</th>
<th>Evaluation</th>
<th>Area of violation</th>
<th>Date achieved compliance</th>
<th>Evaluation lead agency</th>
<th>HPV Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/19/2016</td>
<td>COMPLIANCE EVALUATION INSPECTION ON-SITE</td>
<td>Used Oil - Generators</td>
<td>07/19/2016</td>
<td>State</td>
<td>NON</td>
</tr>
<tr>
<td>10/24/2001</td>
<td>NON-FINANCIAL RECORD REVIEW</td>
<td>Not reported</td>
<td>Not reported</td>
<td>State</td>
<td>NON</td>
</tr>
</tbody>
</table>

US AIRS (AFS):

<table>
<thead>
<tr>
<th>Envid</th>
<th>Region Code</th>
<th>County Code</th>
<th>Programmatic ID</th>
<th>Facility Registry ID</th>
<th>D and B Number</th>
<th>Facility Site Name</th>
<th>Primary SIC Code</th>
<th>NAICS Code</th>
<th>Default Air Classification Code</th>
<th>Facility Type of Ownership Code</th>
<th>Air CMS Category Code</th>
<th>HPV Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000228321</td>
<td>03</td>
<td>VA155</td>
<td>AIR VA0000005115500008</td>
<td>110000603954</td>
<td>Not reported</td>
<td>JEFFERSON YARNS INCORPORATED</td>
<td>Not reported</td>
<td>313112</td>
<td>SMI</td>
<td>NON</td>
<td>SMI</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

US AIRS (AFS):

<table>
<thead>
<tr>
<th>Region Code</th>
<th>Programmatic ID</th>
<th>Facility Registry ID</th>
<th>Air Operating Status Code</th>
<th>Default Air Classification Code</th>
<th>Air Program</th>
<th>Activity Date</th>
<th>Activity Status Date</th>
<th>Activity Group</th>
<th>Activity Type</th>
<th>Activity Status</th>
<th>Region Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>AIR VA0000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>Federally-Enforceable State Operating Permit - Non Title V</td>
<td>2015-02-06 00:00:00</td>
<td>2015-03-31 16:08:15</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Active</td>
<td>03</td>
</tr>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Program:</td>
<td>Federally-Enforceable State Operating Permit - Non Title V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Date:</td>
<td>2015-02-13 00:00:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>2015-03-31 16:08:15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Active</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region Code:</td>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Program:</td>
<td>Federally-Enforceable State Operating Permit - Non Title V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Date:</td>
<td>2002-05-29 00:00:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region Code:</td>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Program:</td>
<td>Federally-Enforceable State Operating Permit - Non Title V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Date:</td>
<td>2003-04-02 00:00:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region Code:</td>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Program:</td>
<td>Federally-Enforceable State Operating Permit - Non Title V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Date:</td>
<td>2003-08-20 00:00:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region Code:</td>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Program:</td>
<td>Federally-Enforceable State Operating Permit - Non Title V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Date:</td>
<td>2005-09-09 00:00:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MAP FINDINGS

Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2006-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2007-07-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2007-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2009-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2009-06-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-04-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2017-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2019-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2021-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2023-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
<table>
<thead>
<tr>
<th>Region Code</th>
<th>Programmatic ID</th>
<th>Facility Registry ID</th>
<th>Air Operating Status Code</th>
<th>Default Air Classification Code</th>
<th>Air Program</th>
<th>Activity Date</th>
<th>Activity Status Date</th>
<th>Activity Group</th>
<th>Activity Type</th>
<th>Activity Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2014-05-05 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2015-02-06 00:00:00</td>
<td>2015-03-31 16:08:15</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Active</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>1986-02-22 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>1990-05-17 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

TC5002441.2s Page 19
<table>
<thead>
<tr>
<th>Programmatic ID:</th>
<th>AIR VA0000005115500008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
</tr>
<tr>
<td>Air Program:</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
</tr>
<tr>
<td>Activity Date:</td>
<td>1991-07-25 00:00:00</td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region Code:</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
</tr>
<tr>
<td>Air Program:</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
</tr>
<tr>
<td>Activity Date:</td>
<td>1992-06-23 00:00:00</td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region Code:</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
</tr>
<tr>
<td>Air Program:</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
</tr>
<tr>
<td>Activity Date:</td>
<td>1992-12-11 00:00:00</td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region Code:</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
</tr>
<tr>
<td>Air Program:</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
</tr>
<tr>
<td>Activity Date:</td>
<td>1993-12-02 00:00:00</td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region Code:</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
</tr>
<tr>
<td>Air Program:</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
</tr>
<tr>
<td>Activity Date:</td>
<td>1995-02-23 00:00:00</td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
</tr>
</tbody>
</table>
Activity Status: Not reported
Region Code: 03
Programmatic ID: AIR VA00000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-03-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA00000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA00000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-03-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA00000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-06-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA00000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-04-12 00:00:00
<table>
<thead>
<tr>
<th>Region Code</th>
<th>Programmatic ID</th>
<th>Facility Registry ID</th>
<th>Air Operating Status Code</th>
<th>Default Air Classification Code</th>
<th>Air Program</th>
<th>Activity Date</th>
<th>Activity Status Date</th>
<th>Activity Group</th>
<th>Activity Type</th>
<th>Activity Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2002-05-01 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2002-05-29 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2003-04-02 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2003-08-20 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2003-08-20 00:00:00</td>
<td>Not reported</td>
<td>Compliance Monitoring</td>
<td>Inspection/Evaluation</td>
<td>Not reported</td>
</tr>
<tr>
<td>Programmatic ID:</td>
<td>AIR VA0000005115500008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Registry ID:</td>
<td>110000603954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Operating Status Code:</td>
<td>OPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Air Classification Code:</td>
<td>SMI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Program:</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Date:</td>
<td>2007-08-23 00:00:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status Date:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Group:</td>
<td>Compliance Monitoring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Status:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-04-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03
Programmatic ID: AIR VA0000005115500008
Facility Registry ID: 110000603954
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
<table>
<thead>
<tr>
<th>Region Code</th>
<th>Programmatic ID</th>
<th>Facility Registry ID</th>
<th>Air Operating Status Code</th>
<th>Default Air Classification Code</th>
<th>Air Program</th>
<th>Activity Status Date</th>
<th>Activity Date</th>
<th>Activity Status Date</th>
<th>Activity Date</th>
<th>Activity Status Date</th>
<th>Activity Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2011-04-13 00:00:00</td>
<td>2011-04-13 00:00:00</td>
<td>Not reported</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2012-04-16 00:00:00</td>
<td>2012-04-16 00:00:00</td>
<td>Not reported</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2013-04-22 00:00:00</td>
<td>2013-04-22 00:00:00</td>
<td>Not reported</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>AIR VA00000005115500008</td>
<td>110000603954</td>
<td>OPR</td>
<td>SMI</td>
<td>State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards</td>
<td>2014-04-17 00:00:00</td>
<td>2014-04-17 00:00:00</td>
<td>Not reported</td>
<td>Inspection/Evaluation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
JEFFERSON MILLS
27 VALLEY ST
PULASKI, VA 24301

LTANKS: (603675181)

Region: BRRO-R
CEDS Facility Id: 200000089414
Case Status: Closed
Pollution Complaint #: 19920195
Reported: 07/05/1991

Region: BRRO-R
CEDS Facility Id: 200000089414
Case Status: Closed
Pollution Complaint #: 20122114
Reported: 10/19/2011

Facility: 2007582
Facility Type: INDUSTRIAL
CEDS Facility ID: 200000089414

Owner:
Owner Id: 30199
Owner Name: KAHN AND FELDMAN INC
Owner Address: P.O. BOX 698
Owner Address2: PULASKI
Owner City, State, Zip: PULASKI, VA 24301
Owner Type: UNKNOWN
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 4

UST:
Facility ID: 2007582
Federally Regulated: Yes

Tank Number: 4
Tank Capacity: 4000
Tank Contents: UNKNOWN
Tank Status: CLS IN GRD
Tank Type: UST
### JEFFERSON MILLS (Continued)

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Material: Bare Steel</td>
<td>UNKNOWN</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: fiberglass</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
<td></td>
</tr>
</tbody>
</table>

#### 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: Interior Double Walled: No
- Pipe Release Detection: Other Method: No
- Pipe Release Detection: Other Note: Not reported

#### Install Date:
- 4/24/1956

#### Tank Material:
- 4/24/1956
- 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

#### Pipe Type:
- UNKNOWN
- Pipe Materials: Bare Steel: Yes
- Pipe Materials: Galvanized Steel: No
- 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
### JEFFERSON MILLS (Continued)

<table>
<thead>
<tr>
<th>Facility ID:</th>
<th>2007582</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Tank Number:** R1  
**Tank Capacity:** 10000  
**Tank Contents:** HEATING OIL  
**Tank Status:** REM FROM GRD  
**Tank Type:** UST

**Tank Material:**  
Install Date: 4/24/1964  
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: Interior Double Walled (No)  
Pipe Release Detection: Other Method (No)  
Pipe Release Detection: Other Note (Not reported)

**Pipe Type:** UNKNOWN  
Pipe Materials: Bare Steel (Yes)  
Pipe Materials: Galvanized Steel (No)  
Pipe Materials: Copper (No)  
Pipe Materials: Fiberglass (No)  
Pipe Materials: Cath Protect (No)
Pipe Materials: Double Walled
Pipe Materials: Sec Containment
Pipe Materials: Repaired
Pipe Materials: Unknown
Pipe Materials: Other
Pipe Materials: Other Note

Facility ID: 2007582
Federally Regulated: Yes
Tank Number: R2
Tank Capacity: 1000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST
Install Date: 4/25/1971
Tank Materials: Bare Steel
Tank Materials: Cath Protect Steel
Tank Materials: Epoxy Steel
Tank Materials: Fiberglass
Tank Materials: Concrete
Tank Materials: Composite
Tank Materials: Double Walled
Tank Materials: Lined Interior
Tank Materials: Excav Liner
Tank Materials: Insulated Tank Jacket
Tank Materials: Repaired
Tank Materials: Unknown
Tank Materials: Other
Tank Materials: Other Note

Release Detection:
Tank Release Detection: Leak Deferred
Tank Release Detection: Manual Gauge
Tank Release Detection: Auto Gauge
Tank Release Detection: Tank Tightness
Tank Release Detection: Vapor Monitor
Tank Release Detection: Inventory
Tank Release Detection: Stat Invent Recon
Tank Release Detection: Spill Install
Tank Release Detection: Overfill Install
Tank Release Detection: Groundwater
Tank Release Detection: Int Sec Containment
Tank Release Detection: Int Double Walled
Tank Release Detection: Other Method
Tank Release Detection: Other Note
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Pipe Release Detection: Line Tightness
Pipe Release Detection: Stat Invent Recon
Pipe Release Detection: Groundwater
Pipe Release Detection: Int Sec Containment
Pipe Release Detection: Interior Double Walled
Pipe Release Detection: Other Method

Jefferson Mills (Continued) U003675181
### JEFFERSON MILLS (Continued)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility ID</td>
<td>2007582</td>
</tr>
<tr>
<td>Federally Regulated</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number</td>
<td>R3</td>
</tr>
<tr>
<td>Tank Capacity</td>
<td>1000</td>
</tr>
<tr>
<td>Tank Contents</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type</td>
<td>UST</td>
</tr>
<tr>
<td>Tank Material</td>
<td>bare steel</td>
</tr>
<tr>
<td>Install Date</td>
<td>4/24/1976</td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td><strong>Tank Materials: Other Note</strong></td>
<td>Not reported</td>
</tr>
<tr>
<td><strong>Release Detection:</strong></td>
<td></td>
</tr>
<tr>
<td>Tank Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Vapor Monitor</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
JEFFERSON MILLS (Continued)  U003675181

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:  UNKNOWN
Pipe Materials: Bare Steel  Yes
Pipe Materials: Galvanized Steel  No
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

B4  HUFF PETROLEUM COMPANY INC  AST  A100266644
SW  30 LAGRANGE ST  N/A
< 1/8  PULASKI, VA  24301
0.059 mi.  N/A
312 ft.  Site 1 of 3 in cluster B

Relative:  AST:
Higher  Facility ID:  2027545
Actual:  Facility Type:  PETROLEUM DISTRIBUTOR
1917 ft.  CEDS Facility ID:  200000095560

Tank Info:
Owner:
Owner Id:  39672
Owner Name:  Huff Petroleum Company Inc
Owner Address:  30 LaGrange St
Owner Address2:  Not reported
Owner City/State/Zip:  Pulaski, VA 24301
Owner Type:  PRIVATE
Number of Active AST:  0
Number of Active UST:  0
Number of Inactive AST:  8
Number of Inactive UST:  0
Fed Regulated:  No
Tank Number:  1
Tank Type:  AST
Tank Capacity:  14500
Tank Contents:  KEROSENE
Tank Status:  DISMANTLED

Tank Containment:
Install Date:  1/1/1938
<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Containment: Curbing</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Weirs</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Sorbent</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Culvert</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Diversion</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Retention</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Dike</td>
<td>Yes</td>
</tr>
<tr>
<td>Containment: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection:</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Ground Water</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Visual</td>
<td>Yes</td>
</tr>
<tr>
<td>Release Detection: Vapor</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Interstitial</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: None</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention:</td>
<td></td>
</tr>
<tr>
<td>Release Prevention: Double Bottom</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Lined Interior</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention: Poly Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Exc Liner</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: None</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Other</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Foundation:</td>
<td></td>
</tr>
<tr>
<td>Tank Foundation: Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Earthen</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Concrete Imp</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Foundation: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof:</td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Float</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Cone</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Breather</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Dbideck</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pontoon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Balloon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Lifter</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pan</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Other</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Material:</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Type Cathodic/CP:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Single Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Lined Interior:</td>
<td>N</td>
</tr>
</tbody>
</table>
**HUFF PETROLEUM COMPANY INC (Continued)**

<table>
<thead>
<tr>
<th>Tank Type Double Bottom:</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Type Potable/Skid:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Shop Fabricated/Built:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vaulted Below Grade:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vertical:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Horizontal:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Unknown:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other Specify:</td>
<td>N</td>
</tr>
</tbody>
</table>

**Owner:**
- **Owner Id:** 39672
- **Owner Name:** Huff Petroleum Company Inc
- **Owner Address:** 30 LaGrange St
- **Owner Address2:** Not reported
- **Owner City/State/Zip:** Pulaski, VA 24301
- **Owner Type:** PRIVATE
- **Number of Active AST:** 0
- **Number of Active UST:** 0
- **Number of Inactive AST:** 8
- **Number of Inactive UST:** 0
- **Fed Regulated:** No
- **Tank Number:** 2
- **Tank Type:** AST
- **Tank Capacity:** 14500
- **Tank Contents:** GASOLINE
- **Tank Status:** DISMANTLED

**Tank Containment:**
- **Install Date:** 1/1/1938
- **Containment: Curbing:** No
- **Containment: Weirs:** No
- **Containment: Sorbent:** No
- **Containment: Culvert:** No
- **Containment: Diversion:** No
- **Containment: Retention:** No
- **Containment: Dike:** Yes
- **Containment: Unknown:** No
- **Containment: Other:** No
- **Containment: Other Note:** Not reported

**Release Detection:**
- **Release Detection: Ground Water:** No
- **Release Detection: Visual:** Yes
- **Release Detection: Vapor:** No
- **Release Detection: Interstitial:** No
- **Release Detection: None:** No
- **Release Detection: Other:** No
- **Release Detection: Other Note:** Not reported
- **Release Prevention: Double Bottom:** No
- **Release Prevention: Double Walled:** No
- **Release Prevention: Lined Interior:** Not reported
- **Release Prevention: Poly Jacket:** No
- **Release Prevention: Exc Liner:** No
- **Release Prevention: None:** No
**HUFF PETROLEUM COMPANY INC (Continued)**

- **Release Prevention:**
  - Unknown: Yes
  - Other: No
  - Other Note: Not reported

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

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

- **Tank Material:**
  - Bare Steel: Yes
  - Concrete: No
  - Insulated Tank Jacket: No
  - Unknown: No
  - Other: No
  - Other Note: Not reported

- **Tank Type:**
  - Cathodic/CP: N
  - Single Wall: N
  - Double Wall: N
  - Lined Interior: N
  - Double Bottom: N
  - Potable/Skid: N
  - Shop Fabricated/Built: N
  - Vaulted Below Grade: N
  - Vertical: N
  - Horizontal: N
  - Unknown: N
  - Other: N
  - Other Specify: N

**Owner:**
- **Owner Id:** 39672
- **Owner Name:** Huff Petroleum Company Inc
- **Owner Address:** 30 LaGrange St
- **City/State/Zip:** Pulaski, VA 24301
- **Type:** PRIVATE

- **Number of Active AST:** 0
- **Number of Active UST:** 0
- **Number of Inactive AST:** 8
- **Number of Inactive UST:** 0

- **Fed Regulated:** No
HUFF PETROLEUM COMPANY INC (Continued) A100266844

Tank Number: 3
Tank Type: AST
Tank Capacity: 14500
Tank Contents: FUEL OIL
Tank Status: DISMANTLED

Tank Containment:
Install Date: 1/1/1938
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent No
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike Yes
Containment: Unknown No
Containment: Other No
Containment: Other Note Not reported

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

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

Tank Roof: Float No
Tank Roof: Cone No
Tank Roof: Breather Not reported
Tank Roof: 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 Yes
Tank Roof: Other Note Not reported

Tank Material:
Tank Materials: Bare Steel Yes
Tank Materials: Concrete No
HUFF PETROLEUM COMPANY INC  (Continued) A100266844

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

Owner:
Owner Id: 39672
Owner Name: Huff Petroleum Company Inc
Owner Address: 30 LaGrange St
Owner Address2: Not reported
Owner City/State/Zip: Pulaski, VA 24301
Owner Type: PRIVATE
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 8
Number of Inactive UST: 0
Fed Regulated: No
Tank Number: 4
Tank Type: AST
Tank Capacity: 14500
Tank Contents: FUEL OIL
Tank Status: DISMANTLED

Tank Containment:
Install Date: 1/1/1938
Containment: Curbing: No
Containment: Weirs: No
Containment: Sorbent: No
Containment: Culvert: No
Containment: Diversion: No
Containment: Retention: No
Containment: Dike: Yes
Containment: Unknown: No
Containment: Other: No
Containment: Other Note: Not reported

Release Detection:
Release Detection: Ground Water: No
Release Detection: Visual: Yes
Release Detection: Vapor: No
Release Detection: Interstitial: No
Release Detection: None: No
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Foundation: Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Earthen</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Concrete Imp</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Foundation: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Float</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Cone</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Breather</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Dbideck</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pontoon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Balloon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Lifter</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pan</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Other</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Material:</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Type Cathodic/CP:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Single Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Lined Interior:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Bottom:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Potable/Skid:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Shop Fabricated/Built:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vaulted Below Grade:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vertical:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Horizontal:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Unknown:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other Specify:</td>
<td>N</td>
</tr>
</tbody>
</table>

Owner:
- Owner Id: 39672
- Owner Name: Huff Petroleum Company Inc
- Owner Address: 30 LaGrange St
- Owner Address2: Not reported
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
</tr>
</thead>
</table>

**HUFF PETROLEUM COMPANY INC (Continued)**

<table>
<thead>
<tr>
<th>Owner City/State/Zip:</th>
<th>Pulaski, VA 24301</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Type:</td>
<td>PRIVATE</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>8</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>0</td>
</tr>
<tr>
<td>Fed Regulated:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>5</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>14500</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>FUEL OIL</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>DISMANTLED</td>
</tr>
</tbody>
</table>

**Tank Containment:**

| Install Date:        | 10/1/1938        |
| Containment: Curbing | No                |
| Containment: Weirs   | No                |
| Containment: Sorbent | No                |
| Containment: Culvert | No                |
| Containment: Diversion | No           |
| Containment: Retention | No              |
| Containment: Dike    | Yes               |
| Containment: Unknown | No                |
| Containment: Other   | No                |
| Containment: Other Note | Not reported |

**Release Detection:**

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

<p>| Tank Foundation: Steel | No |
| Tank Foundation: Earthen | No |
| Tank Foundation: Concrete Imp | Yes |
| Tank Foundation: Unknown | No |
| Tank Foundation: Other | No |
| Tank Foundation: Other Note | Not reported |
| Tank Roof: Float | No |
| Tank Roof: Cone | No |
| Tank Roof: Breather | Not reported |
| Tank Roof: Dbideck | Not reported |
| Tank Roof: Pontoon | Not reported |
| Tank Roof: Balloon | Not reported |</p>
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Roof: Lifter</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pan</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Other</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Material:</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Type Cathodic/CP:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Single Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Lined Interior:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Bottom:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Potable/Skid:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Shop Fabricated/Built:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vaulted Below Grade:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vertical:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Horizontal:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Unknown:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other Specify:</td>
<td>N</td>
</tr>
<tr>
<td>Owner Id:</td>
<td>39672</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Huff Petroleum Company Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>30 LaGrange St</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Pulaski, VA 24301</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>PRIVATE</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>8</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>0</td>
</tr>
<tr>
<td>Fed Regulated:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>6</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>15000</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>HEATING OIL</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>DISMANTLED</td>
</tr>
<tr>
<td>Install Date:</td>
<td>1/1/1938</td>
</tr>
<tr>
<td>Containment: Curbing</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Weirs</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Sorbent</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Culvert</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Diversion</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Retention</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Dike</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Unknown</td>
<td>No</td>
</tr>
</tbody>
</table>
HUFF PETROLEUM COMPANY INC  (Continued)  

<table>
<thead>
<tr>
<th>Containment: Other</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Containment: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

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

**Tank Roof:**
- 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
HUFF PETROLEUM COMPANY INC (Continued)  A100266844

Tank Type Other Specify: N

Owner:
Owner Id: 39672
Owner Name: Huff Petroleum Company Inc
Owner Address: 30 LaGrange St
Owner Address2: Not reported
Owner City/State/Zip: Pulaski, VA 24301
Owner Type: PRIVATE
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 8
Number of Inactive UST: 0
Fed Regulated: No
Tank Number: 7
Tank Type: AST
Tank Capacity: 20000
Tank Contents: UNKNOWN
Tank Status: DISMANTLED

Tank Containment:
Install Date: 1/1/1975
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent No
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike No
Containment: Unknown No
Containment: Other No
Containment: Other Note Not reported

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

Tank Foundation: Steel No
Tank Foundation: Earthen No
Tank Foundation: Concrete Imp No
Tank Foundation: Unknown No
**HUFF PETROLEUM COMPANY INC (Continued)**

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Foundation: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Float</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Cone</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Breather</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Dbideck</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pontoon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Balloon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Lifter</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pan</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Material:</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Type Cathodic/CP</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Single Wall</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Wall</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Lined Interior</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Bottom</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Potable/Skid</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Shop Fabricated/Built</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vaulted Below Grade</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vertical</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Horizontal</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Unknown</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other Specify</td>
<td>N</td>
</tr>
</tbody>
</table>

**Owner:**

- **Owner Id:** 39672
- **Owner Name:** Huff Petroleum Company Inc
- **Owner Address:** 30 LaGrange St
- **Owner Address2:** Not reported
- **Owner City/State/Zip:** Pulaski, VA 24301
- **Owner Type:** PRIVATE
- **Number of Active AST:** 0
- **Number of Active UST:** 0
- **Number of Inactive AST:** 8
- **Number of Inactive UST:** 0
- **Fed Regulated:** No
- **Tank Number:** 8
- **Tank Type:** AST
- **Tank Capacity:** 20000
- **Tank Contents:** UNKNOWN
- **Tank Status:** DISMANTLED

**Tank Containment:**

- **Install Date:** 1/1/1975
MAP FINDINGS

<table>
<thead>
<tr>
<th>MAP FINDINGS</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A100266844</td>
</tr>
</tbody>
</table>

**HUFF PETROLEUM COMPANY INC (Continued)**

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

- **Release Detection:**
  - Ground Water: No
  - Visual: No
  - Vapor: No
  - Interstitial: No
  - None: No
  - Other: No
  - Double Bottom: No
  - Double Walled: No
  - Lined Interior: Not reported
  - Poly Jacket: No
  - Excliner: No
  - None: No
  - Unknown: No
  - Other: No
  - Other Note: Not reported

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

- **Tank Roof:**
  - Float: No
  - Cone: No
  - Breather: Not reported
  - Dbdeck: Not reported
  - Pontoon: Not reported
  - Balloon: Not reported
  - Lifter: Not reported
  - Pan: Not reported
  - Other: No
  - Other Note: Not reported

- **Tank Material:**
  - Bare Steel: No
  - Concrete: No
  - Insulated Tank Jacket: No
  - Unknown: No
  - Other: No
  - Other Note: Not reported

- **Tank Type Cathodic/CP:**
  - N

- **Tank Type Single Wall:**
  - N

- **Tank Type Double Wall:**
  - N

- **Tank Type Lined Interior:**
  - N
<table>
<thead>
<tr>
<th>Tank Type Double Bottom</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Type Potable/Skid</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Shop Fabricated/Built</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vaulted Below Grade</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vertical</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Horizontal</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Unknown</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other Specify</td>
<td>N</td>
</tr>
</tbody>
</table>

---

**HUFF PETROLEUM COMPANY INC** (Continued)

**B5**
**HUFF PETROLEUM BULK PLANT**
**30 LAGRANGE ST**

**LUST REG WC:**
Region: WC
Case Status: Closed
Date Reported: Not reported
Date Closed: Not reported
Release Reported: 08/08/2006
Pollution Control #: 20072012
Case Manager: Robert L Howard
Owner Name: Not reported
Owner Address: Not reported
Owner City, St, Zip: Not reported
Owner Phone: Not reported

Region: WC
Case Status: Closed
Date Reported: Not reported
Date Closed: Not reported
Release Reported: 10/04/2007
Pollution Control #: 20082025
Case Manager: Robert L Howard
Owner Name: Not reported
Owner Address: Not reported
Owner City, St, Zip: Not reported
Owner Phone: Not reported

Region: WC
Case Status: Not reported
Date Reported: 09/10/1995
Date Closed: Not reported
Release Reported: Not reported
Pollution Control #: 96-1025A
Case Manager: Not reported
Owner Name: HUFF PETROLEUM CO.
Owner Address: P.O. BOX 621
Owner City, St, Zip: PULASKI, VA 24301
Owner Phone: 703-980-1011

**LTANKS:**
Region: BRRO-R
HUFF PETROLEUM BULK PLANT (Continued)

CEDS Facility Id: 200000095560
Case Status: Closed
Pollution Complaint #: 20082025
Reported: 10/04/2007
Region: BRRO-R
CEDS Facility Id: 200000095560
Case Status: Closed
Pollution Complaint #: 20072012
Reported: 08/08/2006
Region: BRRO-R
CEDS Facility Id: 200000095560
Case Status: Closed
Pollution Complaint #: 19961025
Reported: 09/11/1995

RCRA-SQG: 1007210918
VAR000506873

Date form received by agency: 02/19/2004
Facility name: Not reported
Facility address: 190 1ST STREET NW
PULASKI, VA 24301
EPA ID: VAR000506873
Mailing address: 1ST STREET NW
PULASKI, VA 24301
Contact: DONALD BEVERLY JR.
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (800) 523-3284
Contact email: Not reported
EPA Region: Not reported
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DONALD BEVERLY JR.
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1983
Owner/Op end date: Not reported
(Continued)

Owner/operator name: VIRGINIA CHURCH FURNITURE
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1983
Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

- Waste code: D001
- Waste name: IGNITABLE WASTE
- Waste code: F003
- Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 08/04/2004
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

- Evaluation date: 03/29/2004
- Evaluation: COMPLIANCE ASSISTANCE VISIT
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LTANKS</td>
<td>1004607342</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**C7**

**East**

190 FIRST STREET NW
PULASKI, VA 24301

0.075 mi.
397 ft.
Site 2 of 2 in cluster C

Relative: Lower
Actual: 1906 ft.

**EPA ID Number**

LTANKS

**Region:** BRRO-R

**CEDS Facility Id:** 200000082904

**Case Status:** Closed

**Pollution Complaint #:** 19991224

**Reported:** 05/25/1999

---

**8**

WESTEND GARAGE

303 W MAIN ST
PULASKI, VA 24301

< 1/8
0.080 mi.
421 ft.

Relative: Higher
Actual: 1920 ft.

**EDR Hist Auto**

**Year:**
1988 WESTEND GARAGE
1989 WESTEND GARAGE
1990 WESTEND GARAGE
1991 WESTEND GARAGE
1992 WESTEND GARAGE
1993 WESTEND GARAGE
1994 WESTEND GARAGE
1995 WESTEND GARAGE
1996 WESTEND GARAGE
1997 WESTEND GARAGE
1998 WESTEND GARAGE
1999 WESTEND GARAGE
2000 KIRBY SERVICE CENTER
2001 KIRBY SERVICE CENTER
2002 KIRBY SERVICE CENTER
2003 KIRBY SERVICE CENTER
2004 KIRBY SERVICE CENTER
2005 KIRBY SERVICE CENTER
2006 KIRBY SERVICE CENTER
2007 KIRBY SERVICE CENTER
2008 KIRBY SERVICE CENTER

**Type:**
General Automotive Repair Shops
Automotive Repair Shops, NEC
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops, NEC
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops
Automotive Repair Shops, NEC
Automotive Repair Shops
Automotive Repair Shops, NEC
Automotive Repair Shops, NEC

---

**B9**

REGIONAL EMS PULASKI STATI

60 LAGRANGE ST
PULASKI, VA 24301

< 1/8
0.086 mi.
465 ft.
Site 3 of 3 in cluster B

Relative: Higher
Actual: 1924 ft.

**EDR Hist Auto**

**Year:**
2006 REGIONAL EMS PULASKI STATI

**Type:**
Gasoline Service Stations
### LUST REG WC:

- **Region:** WC
- **Case Status:** Not reported
- **Date Reported:** 04/30/1993
- **Date Closed:** Not reported
- **Release Reported:** Not reported
- **Pollution Control #:** 93-2158A
- **Case Manager:** Not reported
- **Owner Name:** NEW RIVER OIL, INC.
- **Owner Address:** P.O. DRAWER 151,
  NEW RIVER BULK PLANT LLC
- **Owner City, St, Zip:** PULASKI, VA 24301
- **Owner Phone:** 703-980-1160

### LTANKS:

- **Region:** BRRO-R
- **CENDS Facility Id:** 200000096011
- **Case Status:** Closed
- **Pollution Complaint #:** 19991029
  **Reported:** 08/13/1998
  **Region:** BRRO-R
  **CENDS Facility Id:** 200000096011
- **Case Status:** Closed
  **Pollution Complaint #:** 19932158
  **Reported:** 04/30/1993

### Facility:

- **Facility Id:** 2013783
- **Facility Type:** PETROLEUM DISTRIBUTOR
- **CENDS Facility Id:** 200000096011

### Owner:

- **Owner Id:** 29870
- **Owner Name:** Conny Oil Inc (Roanoke Oil Distributors)
- **Owner Address:** 812 Missouri Ave NE
- **Owner Address2:** Not reported
- **Owner City, State, Zip:** Roanoke, VA 24012
- **Owner Type:** COMMERCIAL
- **Number of Active AST:** 7
- **Number of Active UST:** 0
- **Number of Inactive AST:** 2
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>Owner Id:</td>
<td>30844</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>New River Oils Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>PO Box 358</td>
</tr>
<tr>
<td>Owner City, State, Zip:</td>
<td>Snowshoe, WV 26209</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>Owner Id:</td>
<td>38987</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Three Bs Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City, State, Zip:</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>PRIVATE</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>UST:</td>
<td>2013783</td>
</tr>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>R1</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>550</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>GASOLINE</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>UST</td>
</tr>
<tr>
<td>Install Date:</td>
<td>5/2/1966</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Bare Steel</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Cath Protect Steel</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Epoxy Steel</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Fiberglass</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Concrete</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Composite</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Double Walled</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Lined Interior</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Excav Liner</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Insulated Tank Jacket</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Repaired</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Unknown</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Other Note</td>
</tr>
<tr>
<td></td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection:</td>
<td>Tank Release Detection: Leak Deferred</td>
</tr>
<tr>
<td></td>
<td>Tank Release Detection: Manual Gauge</td>
</tr>
<tr>
<td></td>
<td>Tank Release Detection: Auto Gauge</td>
</tr>
<tr>
<td></td>
<td>Tank Release Detection: Tank Tightness</td>
</tr>
<tr>
<td></td>
<td>Tank Release Detection: Vapor Monitor</td>
</tr>
</tbody>
</table>
CONNIE OIL INC (Continued) U003676237

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: 2013783
Federally Regulated: Yes

Tank Number: R2
Tank Capacity: 1000
Tank Contents: DIESEL
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 5/3/1983
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
CONNIE OIL INC (Continued)

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: Auto Leak: 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

AST:
- Facility ID: 2013783
- Facility Type: PETROLEUM DISTRIBUTOR
- CEDS Facility ID: 200000096011

Tank Info:

Owner:
- Owner Id: 29870
- Owner Name: Conny Oil Inc (Roanoke Oil Distributors)
- Owner Address: 812 Missouri Ave NE
- Owner Address2: Not reported
- Owner City/State/Zip: Roanoke, VA 24012
- Owner Type: COMMERCIAL
- Number of Active AST: 7
- Number of Active UST: 0
- Number of Inactive AST: 2
- Number of Inactive UST: 2
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Id:</td>
<td>30844</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>New River Oils Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>PO Box 358</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>Fed Regulated:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>1</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>22500</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>PERM OUT OF USE</td>
</tr>
<tr>
<td>Install Date:</td>
<td>1/1/1954</td>
</tr>
<tr>
<td>Containment: Curbing</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Weirs</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Sorbent</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Culvert</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Diverion</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Retention</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Dike</td>
<td>Yes</td>
</tr>
<tr>
<td>Containment: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection:</td>
<td></td>
</tr>
<tr>
<td>Release Detection:</td>
<td></td>
</tr>
<tr>
<td>Ground Water</td>
<td>No</td>
</tr>
<tr>
<td>Visual</td>
<td>Yes</td>
</tr>
<tr>
<td>Vapor</td>
<td>No</td>
</tr>
<tr>
<td>Interstitial</td>
<td>No</td>
</tr>
<tr>
<td>None</td>
<td>No</td>
</tr>
<tr>
<td>Other</td>
<td>No</td>
</tr>
<tr>
<td>Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention:</td>
<td></td>
</tr>
<tr>
<td>Double Bottom</td>
<td>No</td>
</tr>
<tr>
<td>Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Lined Interior</td>
<td>Not reported</td>
</tr>
<tr>
<td>Poly Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Exc Liner</td>
<td>No</td>
</tr>
<tr>
<td>None</td>
<td>No</td>
</tr>
<tr>
<td>Unknown</td>
<td>Yes</td>
</tr>
</tbody>
</table>
CONNIE OIL INC (Continued)

Release Prevention: Other  No
Release Prevention: Other Note  Not reported
Tank Foundation: Steel  No
Tank Foundation: Earthen  No
Tank Foundation: Concrete Imp  No
Tank Foundation: Unknown  No
Tank Foundation: Other  No
Tank Foundation: Other Note  Not reported
Tank Roof: Float  No
Tank Roof: Cone  No
Tank Roof: Breather  Not reported
Tank Roof: Dbdeck  Not reported
Tank Roof: Pontoon  Not reported
Tank Roof: Balloon  Not reported
Tank Roof: Lifter  Not reported
Tank Roof: Pan  Not reported
Tank Roof: Other  Yes
Tank Roof: Other Note  NONE

Tank Material:
Tank Materials: Bare Steel  Yes
Tank Materials: Concrete  No
Tank Materials: Insulated Tank Jacket  No
Tank Materials: Unknown  No
Tank Materials: Other  No
Tank Materials: Other Note  Not reported
Tank Type Cathodic/CP:  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

Owner:
Owner Id:  29870
Owner Name:  Conny Oil Inc (Roanoke Oil Distributors)
Owner Address:  812 Missouri Ave NE
Owner Address2:  Not reported
Owner City/State/Zip:  Roanoke, VA 24012
Owner Type:  COMMERCIAL
Number of Active AST:  7
Number of Active UST:  0
Number of Inactive AST:  2
Number of Inactive UST:  2
Owner Id:  30844
Owner Name:  New River Oils Inc

TC5002441.2s  Page 53
## CONNIE OIL INC (Continued)

<table>
<thead>
<tr>
<th>Owner Address:</th>
<th>PO Box 358</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Snowshoe, WV 26209</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>Owner Id:</td>
<td>38987</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Three Bs Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>PRIVATE</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>Fed Regulated:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>2</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>12144</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>GASOLINE</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>CURR IN USE</td>
</tr>
</tbody>
</table>

### Tank Containment:
- Install Date: 1/1/1954
- Containment: Curbing: No
- Containment: Weirs: No
- Containment: Sorbent: No
- Containment: Culvert: No
- Containment: Diversion: No
- Containment: Retention: No
- Containment: Dike: Yes
- Containment: Unknown: No
- Containment: Other: No
- Containment: Other Note: Not reported

### Release Detection:
- Release Detection: Ground Water: No
- Release Detection: Visual: Yes
- Release Detection: Vapor: No
- Release Detection: Interstitial: No
- Release Detection: None: No
- Release Detection: Other: No
- Release Detection: Other Note: Not reported
- Release Prevention: Double Bottom: No
- Release Prevention: Double Walled: No
- Release Prevention: Lined Interior: Not reported
- Release Prevention: Poly Jacket: No
- Release Prevention: Exc Liner: Yes
- Release Prevention: None: No
- Release Prevention: Unknown: No
- Release Prevention: Other: No
- Release Prevention: Other Note: Not reported
<table>
<thead>
<tr>
<th>Owner Id</th>
<th>29870</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Name</td>
<td>Conny Oil Inc (Roanoke Oil Distributors)</td>
</tr>
<tr>
<td>Owner Address</td>
<td>812 Missouri Ave NE</td>
</tr>
<tr>
<td>Owner Address2</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner Id</th>
<th>30844</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Name</td>
<td>New River Oils Inc</td>
</tr>
<tr>
<td>Owner Address</td>
<td>PO Box 358</td>
</tr>
<tr>
<td>Owner Address2</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip</td>
<td>Snowshoe, WV 26209</td>
</tr>
</tbody>
</table>
CONNIE OIL INC (Continued)

Owner Type: COMMERCIAL
Number of Active AST: 7
Number of Active UST: 0
Number of Inactive AST: 2
Number of Inactive UST: 2

Owner Id: 38987
Owner Name: Three Bs Inc
Owner Address: 812 Missouri Ave NE
Owner Address2: Not reported
Owner City/State/Zip: Roanoke, VA 24012
Owner Type: PRIVATE
Number of Active AST: 7
Number of Active UST: 0
Number of Inactive AST: 2
Number of Inactive UST: 2

Fed Regulated: No
Tank Number: 3
Tank Type: AST
Tank Capacity: 19388
Tank Contents: HEATING OIL
Tank Status: CURR IN USE

Tank Containment:
Install Date: 1/1/1954
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent No
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike Yes
Containment: Unknown No
Containment: Other No
Containment: Other Note Not reported

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

Tank Foundation: Steel Yes
Tank Foundation: Earthen No
**CONNIE OIL INC (Continued) U003676237**

- **Tank Foundation:** Concrete Imp - No
- **Tank Foundation:** Unknown - No
- **Tank Foundation:** Other - No
- **Tank Foundation:** Other Note - Not reported
- **Tank Roof:** Float - No
- **Tank Roof:** Cone - No
- **Tank Roof:** Breather - Not reported
- **Tank Roof:** 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 - Yes
- **Tank Roof:** Other Note - NONE

**Tank Material:**

- **Tank Materials:** Bare Steel - Yes
- **Tank Materials:** Concrete - No
- **Tank Materials:** Insulated Tank Jacket - No
- **Tank Materials:** Unknown - No
- **Tank Materials:** Other - No
- **Tank Materials:** Other Note - Not reported
- **Tank Type Cathodic/CP:** 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

**Owner:**

- **Owner Id:** 29870
- **Owner Name:** Conny Oil Inc (Roanoke Oil Distributors)
- **Owner Address:** 812 Missouri Ave NE
- **Owner Address2:** Not reported
- **Owner City/State/Zip:** Roanoke, VA 24012
- **Owner Type:** COMMERCIAL
- **Number of Active AST:** 7
- **Number of Active UST:** 0
- **Number of Inactive AST:** 2
- **Number of Inactive UST:** 2

- **Owner Id:** 30844
- **Owner Name:** New River Oils Inc
- **Owner Address:** PO Box 358
- **Owner Address2:** Not reported
- **Owner City/State/Zip:** Snowshoe, WV 26209
- **Owner Type:** COMMERCIAL
- **Number of Active AST:** 7
### CONNIE OIL INC (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Active UST</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST</td>
<td>2</td>
</tr>
<tr>
<td>Fed Regulated</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number</td>
<td>4</td>
</tr>
<tr>
<td>Tank Type</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity</td>
<td>19388</td>
</tr>
<tr>
<td>Tank Contents</td>
<td>HEATING OIL</td>
</tr>
<tr>
<td>Tank Status</td>
<td>CURR IN USE</td>
</tr>
<tr>
<td>Install Date</td>
<td>1/1/1954</td>
</tr>
<tr>
<td>Containment: Curbing</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Weirs</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Sorbent</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Culvert</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Diversion</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Retention</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Dike</td>
<td>Yes</td>
</tr>
<tr>
<td>Containment: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection: Ground Water</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Visual</td>
<td>Yes</td>
</tr>
<tr>
<td>Release Detection: Vapor</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Interstitial</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: None</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention: Double Bottom</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Lined Interior</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention: Poly Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Exc Liner</td>
<td>Yes</td>
</tr>
<tr>
<td>Release Prevention: None</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Other</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Foundation: Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Foundation: Earthen</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Concrete Imp</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Unknown</td>
<td>No</td>
</tr>
</tbody>
</table>

**EDR ID Number:** U003676237
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
</table>

**CONNIE OIL INC (Continued)**

<table>
<thead>
<tr>
<th>Tank Foundation: Other</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Foundation: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Float</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Cone</td>
<td>No</td>
</tr>
<tr>
<td>Tank Roof: Breather</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Dbidcek</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pontoon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Balloon</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Lifter</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Pan</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Roof: Other</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>NONE</td>
</tr>
</tbody>
</table>

**Tank Material:**

<table>
<thead>
<tr>
<th>Tank Materials: Bare Steel</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Type Cathodic/CP:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Single Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Wall:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Lined Interior:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Double Bottom:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Potable/Skid:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Shop Fabricated/Built:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vaulted Below Grade:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Vertical:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Horizontal:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Unknown:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other:</td>
<td>N</td>
</tr>
<tr>
<td>Tank Type Other Specify:</td>
<td>N</td>
</tr>
</tbody>
</table>

**Owner:**

<table>
<thead>
<tr>
<th>Owner Id:</th>
<th>29870</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Name:</td>
<td>Conny Oil Inc (Roanoke Oil Distributors)</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner Id:</th>
<th>30844</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Name:</td>
<td>New River Oils Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>PO Box 358</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Snowshoe, WV 26209</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Owner Id:</td>
<td>38987</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Three Bs Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>PRIVATE</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
<tr>
<td>Fed Regulated:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>5</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>22500</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>HEATING OIL</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>PERM OUT OF USE</td>
</tr>
<tr>
<td>Install Date:</td>
<td>1/1/1954</td>
</tr>
<tr>
<td>Containment: Curbing:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Weirs:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Sorbent:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Culvert:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Diversion:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Retention:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Dike:</td>
<td>Yes</td>
</tr>
<tr>
<td>Containment: Unknown:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other:</td>
<td>No</td>
</tr>
<tr>
<td>Containment: Other Note:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection: Ground Water:</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Visual:</td>
<td>Yes</td>
</tr>
<tr>
<td>Release Detection: Vapor:</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Interstitial:</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: None:</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other:</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Note:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention: Double Bottom:</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Double Walled:</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Lined Interior:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Prevention: Poly Jacket:</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Exc Liner:</td>
<td>Yes</td>
</tr>
<tr>
<td>Release Prevention: None:</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Unknown:</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Other:</td>
<td>No</td>
</tr>
<tr>
<td>Release Prevention: Other Note:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Foundation: Steel:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Foundation: Earthen:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Concrete Imp:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Unknown:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Foundation: Other Note:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
Connor Oil Inc (Continued)

Tank Roof: Float No
Tank Roof: Cone No
Tank Roof: Breather Not reported
Tank Roof: Disturbance Not reported
Tank Roof: Lifter Not reported
Tank Roof: Pan Not reported
Tank Roof: Other Yes
Tank Roof: Other Note NONE

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

Owner:
Owner Id: 29870
Owner Name: Conny Oil Inc (Roanoke Oil Distributors)
Owner Address: 812 Missouri Ave NE
Owner Address2: Not reported
Owner City/State/Zip: Roanoke, VA 24012
Owner Type: COMMERCIAL
Number of Active AST: 7
Number of Active UST: 0
Number of Inactive AST: 2
Number of Inactive UST: 2

Owner Id: 30844
Owner Name: New River Oils Inc
Owner Address: PO Box 358
Owner Address2: Not reported
Owner City/State/Zip: Snowshoe, WV 26209
Owner Type: COMMERCIAL
Number of Active AST: 7
Number of Active UST: 0
Number of Inactive AST: 2
Number of Inactive UST: 2
CONNIE OIL INC (Continued)

Owner Id: 38987
Owner Name: Three Bs Inc
Owner Address: 812 Missouri Ave NE
Owner Address2: Not reported
Owner City/State/Zip: Roanoke, VA 24012
Owner Type: PRIVATE
Number of Active AST: 7
Number of Active UST: 0
Number of Inactive AST: 2
Number of Inactive UST: 2
Fed Regulated: No
Tank Number: 6
Tank Type: AST
Tank Capacity: 21699
Tank Contents: KEROSENE
Tank Status: CURR IN USE

Tank Containment:
Install Date: 1/1/1954
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent No
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike Yes
Containment: Unknown No
Containment: Other No
Containment: Other Note Not reported

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

Tank Foundation: Steel Yes
Tank Foundation: Earthen No
Tank Foundation: Concrete Imp No
Tank Foundation: Unknown No
Tank Foundation: Other No
Tank Foundation: Other Note Not reported
Tank Roof: Float No
Tank Roof: Cone No
**CONNIE OIL INC (Continued)**

<table>
<thead>
<tr>
<th>Owner:</th>
<th>U003676237</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Id:</td>
<td>29870</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Conny Oil Inc (Roanoke Oil Distributors)</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Roanoke, VA 24012</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner:</th>
<th>30844</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Name:</td>
<td>New River Oils Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>PO Box 358</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Snowshoe, WV 26209</td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner:</th>
<th>38987</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Name:</td>
<td>Three Bs Inc</td>
</tr>
</tbody>
</table>
## MAP FINDINGS

<table>
<thead>
<tr>
<th>Direction</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CONNIE OIL INC (Continued)

- **Owner Address**: 812 Missouri Ave NE
- **Owner Address2**: Not reported
- **Owner City/State/Zip**: Roanoke, VA 24012
- **Owner Type**: PRIVATE
- **Number of Active AST**: 7
- **Number of Active UST**: 0
- **Number of Inactive AST**: 2
- **Number of Inactive UST**: 2
- **Fed Regulated**: No
- **Tank Number**: 7C
- **Tank Type**: AST
- **Tank Capacity**: 13051
- **Tank Contents**: LUBE OIL
- **Tank Status**: CURR IN USE

**Tank Containment:**
- **Install Date**: 1/1/1954
- **Containment: Curbing**: No
- **Containment: Weirs**: No
- **Containment: Sorbent**: No
- **Containment: Culvert**: No
- **Containment: Diversions**: No
- **Containment: Retention**: No
- **Containment: Dike**: Yes
- **Containment: Unknown**: No
- **Containment: Other**: No
- **Containment: Other Note**: Not reported

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

- **Tank Foundation: Steel**: Yes
- **Tank Foundation: Earthen**: No
- **Tank Foundation: Concrete Imp**: No
- **Tank Foundation: Unknown**: No
- **Tank Foundation: Other**: No
- **Tank Foundation: Other Note**: Not reported
- **Tank Roof: Float**: No
- **Tank Roof: Cone**: No
- **Tank Roof: Breather**: Not reported
- **Tank Roof: Dbldeek**: Not reported
<table>
<thead>
<tr>
<th>Site</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
<th>Database(s)</th>
<th>Site Elevation</th>
<th>Owner Address1</th>
<th>Owner City/State/Zip</th>
<th>Owner Address2</th>
<th>Owner City/State/Zip</th>
<th>Owner Address3</th>
<th>Owner City/State/Zip</th>
<th>Owner Address4</th>
<th>Owner City/State/Zip</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONNIE OIL INC (Continued)</td>
<td>U003676237</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Id:</td>
<td>29870</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Conny Oil Inc (Roanoke Oil Distributors)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Roanoke, VA 24012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Id:</td>
<td>30844</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Name:</td>
<td>New River Oils Inc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Address:</td>
<td>PO Box 358</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner City/State/Zip:</td>
<td>Snowshoe, WV 26209</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Type:</td>
<td>COMMERCIAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Active AST:</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Id:</td>
<td>38987</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Three Bs Inc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Address:</td>
<td>812 Missouri Ave NE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Pontoon</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Balloon</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Lifter</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Pan</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Other</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Roof: Other Note</td>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tank Material:
- Tank Materials: Bare Steel: Yes
- Tank Materials: Concrete: No
- Tank Materials: Insulated Tank Jacket: No
- Tank Materials: Unknown: No
- Tank Materials: Other: No
- Tank Materials: Other Note: Not reported
- Tank Type Cathodic/CP: 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

Owner:
- Owner Id: 29870
- Owner Name: Conny Oil Inc (Roanoke Oil Distributors)
- Owner Address: 812 Missouri Ave NE
- Owner Address2: Not reported
- Owner City/State/Zip: Roanoke, VA 24012
- Owner Type: COMMERCIAL
- Number of Active AST: 7
- Number of Active UST: 0
- Number of Inactive AST: 2
- Number of Inactive UST: 2

Owner:
- Owner Id: 30844
- Owner Name: New River Oils Inc
- Owner Address: PO Box 358
- Owner Address2: Not reported
- Owner City/State/Zip: Snowshoe, WV 26209
- Owner Type: COMMERCIAL
- Number of Active AST: 7
- Number of Active UST: 0
- Number of Inactive AST: 2
- Number of Inactive UST: 2

Owner:
- Owner Id: 38987
- Owner Name: Three Bs Inc
- Owner Address: 812 Missouri Ave NE
- Owner Address2: Not reported
CONNIE OIL INC (Continued)

Owner City/State/Zip: Roanoke, VA 24012
Owner Type: PRIVATE
Number of Active AST: 7
Number of Active UST: 0
Number of Inactive AST: 2
Number of Inactive UST: 2
Fed Regulated: No
Tank Number: 8C
Tank Type: AST
Tank Capacity: 12047
Tank Contents: LUBE OIL
Tank Status: CURR IN USE

Install Date: 1/1/1954
Containment: Curbing No
Containment: Weirs No
Containment: Sorbent No
Containment: Culvert No
Containment: Diversion No
Containment: Retention No
Containment: Dike Yes
Containment: Unknown No
Containment: Other No
Containment: Other Note Not reported
Release Detection:
Release Detection: Ground Water No
Release Detection: Visual Yes
Release Detection: Vapor No
Release Detection: Interstitial No
Release Detection: None No
Release Detection: Other No
Release Detection: Other Note Not reported
Release Prevention: Double Bottom No
Release Prevention: Double Walled No
Release Prevention: Lined Interior Not reported
Release Prevention: Poly Jacket No
Release Prevention: Exc Liner Yes
Release Prevention: None No
Release Prevention: Unknown No
Release Prevention: Other No
Release Prevention: Other Note Not reported
Tank Foundation: Steel Yes
Tank Foundation: Earthen No
Tank Foundation: Concrete Imp No
Tank Foundation: Unknown No
Tank Foundation: Other No
Tank Foundation: Other Note Not reported
Tank Roof: Float No
Tank Roof: Cone No
Tank Roof: Breather Not reported
Tank Roof: Dbledeck Not reported
Tank Roof: Pontoon Not reported
Tank Roof: Balloon Not reported
<table>
<thead>
<tr>
<th>Owner:</th>
<th>Owner Id:</th>
<th>Owner Name:</th>
<th>Owner Address:</th>
<th>Owner City/State/Zip:</th>
<th>Owner Type:</th>
<th>Number of Active AST:</th>
<th>Number of Active UST:</th>
<th>Number of Inactive AST:</th>
<th>Number of Inactive UST:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>29870</td>
<td>Conny Oil Inc (Roanoke Oil Distributors)</td>
<td>812 Missouri Ave NE</td>
<td>Roanoke, VA 24012</td>
<td>COMMERCIAL</td>
<td>7</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>30844</td>
<td>New River Oils Inc</td>
<td>PO Box 358</td>
<td>Snowshoe, WV 26209</td>
<td>COMMERCIAL</td>
<td>7</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>38987</td>
<td>Three Bs Inc</td>
<td>812 Missouri Ave NE</td>
<td>Roanoke, VA 24012</td>
<td>PRIVATE</td>
<td>7</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

**Tank Roof:**
- Lifter: Not reported
- Pan: Not reported
- Other: No
- Other Note: Not reported

**Tank Material:**
- Bare Steel: Yes
- Concrete: No
- Insulated Tank Jacket: No
- Unknown: No
- Other: No
- Other Note: Not reported

**Tank Type:**
- Cathodic/CP: N
- Single Wall: N
- Double Wall: N
- Lined Interior: N
- Double Bottom: N
- Potable/Skid: N
- Shop Fabricated/Built: N
- Vaulted Below Grade: N
- Vertical: N
- Horizontal: N
- Unknown: N
- Other: N
- Other Specify: N

**Tank Material:**
- Other: No
- Unknown: No
- Insulated Tank Jacket: No
- Concrete: Yes

**Tank Roof:**
- Other: No
- Pan: Not reported
- Lifter: Not reported
- Vaulted Below Grade: N
- Vertical: N
- Horizontal: N
- Unknown: N
- Other: N
- Other Specify: N
CONNIE OIL INC (Continued)  U003676237

Number of Active AST:  7
Number of Active UST:  0
Number of Inactive AST:  2
Number of Inactive UST:  2
Fed Regulated:  No
Tank Number:  9-Oct
Tank Type:  AST
Tank Capacity:  2000
Tank Contents:  DIESEL
Tank Status:  CURR IN USE

Tank Containment:
Install Date:  5/1/2006
Containment: Curbing:  Yes
Containment: Weirs:  No
Containment: Sorbent:  No
Containment: Culvert:  No
Containment: Diversion:  Yes
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:  Yes
Release Detection: Vapor:  No
Release Detection: Interstitial:  No
Release Detection: None:  No
Release Detection: Other:  No
Release Detection: Other Note:  Not reported
Release Prevention: Double Bottom:  No
Release Prevention: Double Walled:  Yes
Release Prevention: Lined Interior:  Not reported
Release Prevention: Poly Jacket:  No
Release Prevention: Exc Liner:  No
Release Prevention: None:  No
Release Prevention: Unknown:  No
Release Prevention: Other:  No
Release Prevention: Other Note:  Not reported

Tank Foundation: Steel:  No
Tank Foundation: Earthen:  Yes
Tank Foundation: Concrete Imp:  No
Tank Foundation: Unknown:  No
Tank Foundation: Other:  No
Tank Foundation: Other Note:  Not reported
Tank Roof: Float:  No
Tank Roof: Cone:  No
Tank Roof: Breather:  Not reported
Tank Roof: Dbledeck:  Not reported
Tank Roof: Pontoon:  Not reported
Tank Roof: Balloon:  Not reported
Tank Roof: Lifter:  Not reported
Tank Roof: Pan:  Not reported
CONNIE OIL INC (Continued)

Tank Type Other Specify:

Tank Roof: Other
Tank Roof: Other Note
Horizontal

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

D11 NEW RIVER OILS INC EDR Hist Auto 1021995409
WSW 425 COMMERCE ST  N/A
< 1/8 PULASKI, VA  24301
0.087 mi.
513 ft.
Site 2 of 2 in cluster D
Relative: Higher
Actual: 1920 ft.

Year: Name: Type:
1971 NEW RIVER OILS INC Toys And Hobby Goods And Supplies
1972 NEW RIVER OILS INC Toys And Hobby Goods And Supplies
1973 NEW RIVER OILS INC Toys And Hobby Goods And Supplies
1974 NEW RIVER OILS INC Petroleum Products, NEC
1975 NEW RIVER OILS INC Petroleum Products, NEC
1976 NEW RIVER OILS INC Petroleum Products, NEC
1977 NEW RIVER OILS INC Petroleum Products, NEC
1978 NEW RIVER OILS INC Petroleum Products, NEC
1994 NEW RIVER OILS INC Petroleum Products, NEC
1995 NEW RIVER OILS INC Petroleum Products, NEC
1996 NEW RIVER OILS INC Petroleum Products, NEC
1997 NEW RIVER OILS LLC Petroleum Products, NEC
1998 NEW RIVER OILS LLC Petroleum Products, NEC
1999 NEW RIVER OILS LLC Petroleum Products, NEC
2000 NEW RIVER OILS LLC Petroleum Products, NEC
2001 NEW RIVER OILS LLC Petroleum Products, NEC
2002 NEW RIVER OILS LLC Petroleum Products, NEC
2003 NEW RIVER OILS LLC Petroleum Products, NEC
2004 NEW RIVER OILS LLC Petroleum Products, NEC
### Map Findings

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970</td>
<td>PULASKI LAUNDRY &amp; DRY CLEANERS</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1971</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1972</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1973</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1974</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1975</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1976</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1977</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1978</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1979</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1980</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1981</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1982</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1983</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1984</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1985</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1986</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1987</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1988</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1989</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1990</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1991</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1992</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1993</td>
<td>PULASKI LAUNDRY INC</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1994</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1995</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1996</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1997</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1998</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>1999</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2000</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2001</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2002</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2003</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2004</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2005</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2006</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2007</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2008</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2009</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2010</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2011</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2012</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2013</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>2014</td>
<td>MAIN STREET LAUNDRY AND UNF</td>
<td>Power Laundries, Family And Commercial</td>
</tr>
<tr>
<td>Site</td>
<td>Name</td>
<td>Type</td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>E13</td>
<td>WILSONS CLEANERS</td>
<td>Coin-Operated Laundries And Cleaning</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E14</td>
<td>CECILS AUTO REPAIR INC</td>
<td>General Automotive Repair Shops</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field</td>
<td>Value</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Facility Id</td>
<td>2019256</td>
<td></td>
</tr>
<tr>
<td>Facility Type</td>
<td>LOCAL</td>
<td></td>
</tr>
<tr>
<td>CEDS Facility ID</td>
<td>200000081223</td>
<td></td>
</tr>
<tr>
<td>Owner Id</td>
<td>38197</td>
<td></td>
</tr>
<tr>
<td>Owner Name</td>
<td>Town of Pulaski</td>
<td></td>
</tr>
<tr>
<td>Owner Address</td>
<td>PO Box 660</td>
<td></td>
</tr>
<tr>
<td>Owner Address2</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Owner City, State, Zip</td>
<td>PULASKI, VA 24301</td>
<td></td>
</tr>
<tr>
<td>Owner Type</td>
<td>LOCAL</td>
<td></td>
</tr>
<tr>
<td>Number of Active AST</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Number of Active UST</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Number of Inactive AST</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Number of Inactive UST</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Facility ID</td>
<td>2019256</td>
<td></td>
</tr>
<tr>
<td>Federally Regulated</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Tank Number</td>
<td>R1</td>
<td></td>
</tr>
<tr>
<td>Tank Capacity</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Tank Contents</td>
<td>GASOLINE</td>
<td></td>
</tr>
<tr>
<td>Tank Status</td>
<td>REM FROM GRD</td>
<td></td>
</tr>
<tr>
<td>Tank Type</td>
<td>UST</td>
<td></td>
</tr>
<tr>
<td>Install Date</td>
<td>5/5/1985</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Leak Deferred</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Manual Gauge</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Auto Gauge</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Tank Tightness</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Vapor Monitor</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Inventory</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Stat Invent Recon</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Release Detection: Spill Install</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>
PULASKI FIRE DEPARTMENT (Continued)

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 Sec Containment No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: PRESSURE
Pipe Materials: Bare Steel Yes
Pipe Materials: Galvanized Steel No
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

RCRA-CESQG: 1000318671
VAD153226832
4 MAGNOX DRIVE
PULASKI, VA 24301
1/8-1/4
F16
0.155 mi.
Site 1 of 3 in cluster F
820 ft.

Relative: Higher
Actual: 1929 ft.

Date form received by agency: 03/19/2010
Facility name: Not reported
Facility address: 4 MAGNOX DRIVE
PULASKI, VA 24301
EPA ID: VAD153226832
Mailing address: MAGNOX DRIVE
PULASKI, VA 24301
Contact: MELISSA S WRIGHT
Contact address: MAGNOX DRIVE
PULASKI, VA 24301
Contact country: US
Contact telephone: (540) 980-9410
Contact email: MWRIGHT@NANOCHEMONICS.COM
EPA Region: Not reported
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or
MAP FINDINGS

Map ID     Direction     Distance     Elevation     Site     Database(s)     EDR ID Number     EPA ID Number

(Continued)

1000318671

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: NANOCHEMONICS HOLDINGS LLC
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/21/2006
Owner/Op end date: Not reported

Owner/operator name: WILLIAM ARMFIELD
Owner/operator address: MAGNOX DRIVE
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/21/2006
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
Owner/operator country: OPERCITY, AK 99999
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DINITTO CARMINE A
Owner/operator address: 1 MAGNOX DR
Owner/operator country: Not reported
Owner/operator telephone: (540) 980-3500
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

TC5002441.2s  Page 74
(Continued)

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

- Waste code: D001
  - Waste name: IGNITABLE WASTE

- Waste code: D009
  - Waste name: MERCURY

- Waste code: F003
  - Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 02/23/2010
Site name: NANOCHEMICALS HOLDINGS, LLC
Classification: Conditionally Exempt Small Quantity Generator

- Waste code: D001
  - Waste name: IGNITABLE WASTE

- Waste code: D009
  - Waste name: MERCURY

- Waste code: F003
  - Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/18/2006
Site name: NANOCHEMICALS HOLDINGS, LLC
Classification: Conditionally Exempt Small Quantity Generator
Enforcement action: WRITTEN INFORMAL
Violation lead agency: State
Date achieved compliance: 08/09/1998
Date violation determined: 08/09/1990
Generators - General
Area of violation: Not reported
Facility Has Received Notices of Violations:
Regulation violated: Not reported
Waste code: F003
Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code: F005
Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 08/18/1999
Site name: MAGNOX PULASKI INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/06/1989
Site name: MAGNOX PULASKI INC
Classification: Small Quantity Generator

Waste code: F003
Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/09/1990
Date achieved compliance: 08/05/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/04/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/09/1990
Date achieved compliance: 08/05/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/04/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/23/2008
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/05/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/05/1998
Evaluation lead agency: State

Evaluation date: 08/05/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/05/1998
Evaluation lead agency: State

Evaluation date: 08/09/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/05/1998
Evaluation lead agency: State

Evaluation date: 08/09/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/05/1998
Evaluation lead agency: State
<table>
<thead>
<tr>
<th>Site ID</th>
<th>Description</th>
<th>EPA ID</th>
<th>Code(s)</th>
<th>ID Number</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>4 MAGNOX DRIVE</td>
<td>SEMS</td>
<td>PRP</td>
<td>VAN000306716</td>
<td>1014202079</td>
</tr>
</tbody>
</table>

**F17**

**SEMS**

**MAP FINDINGS**

**Site 2 of 3 in cluster F**

**Relative:**

- Higher Site ID: 306716
- EPA ID: VAN000306716

**Actual:**

- Federal Facility: N
- NPL: Not on the NPL
- Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

**Following information was gathered from the prior CERCLIS update completed in 10/2013:**

- Site ID: 0306716
- EPA ID: VAN000306716
- Facility County: PULASKI
- Short Name: NANOCHEMONICS SITE
- Congressional District: 09
- IFMS ID: A3QR
- SMSA Number: Not reported
- USGC Hydro Unit: Not reported
- Federal Facility: Not a Federal Facility
- DMNSN Number: 0.00000
- Site Orphan Flag: Not reported
- RCRA ID: Not reported
- USGS Quadrangle: Not reported
- Site Init By Prog: R
- NFRAP Flag: Not reported
- Parent ID: Not reported
- RST Code: Not reported
- EPA Region: 03
- Classification: Not reported
- Site Settings Code: Not reported
- NPL Status: Not on the NPL
- DMNSN Unit Code: Not reported
- RBRAC Code: Not reported
- RResp Fed Agency Code: Not reported
- Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
- Non NPL Status Date: 08/30/10
- Site Fips Code: 51155
- CC Concurrence Date: / / 
- CC Concurrence FY: Not reported
- Alias EPA ID: Not reported
- Site FUDS Flag: Not reported

**CERCLIS Site Contact Name(s):**

- Contact ID: 3000189.00000
- Contact Name: MICHAEL T TOWLE
- Contact Tel: (215) 814-3272
- Contact Title: On-Scene Coordinator (OSC)
- Contact Email: Not reported

- Contact ID: 3275683.00000
- Contact Name: DAWN FULSHER-THATCHER
- Contact Tel: (215) 814-3270
- Contact Title: Site Assessment Manager (SAM)
- Contact Email: Not reported
NANOCHEMONICS SITE (Continued)

Alias Comments: Not reported
Site Description: Nanochemonics formerly manufactured nanoparticle iron oxides for various industries.

CERCLIS Assessment History:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 08/30/10
Date Completed: 09/02/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: Notice Letters Issued
Date Started: / / 
Date Completed: 09/29/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / / 
Date Completed: 09/30/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: ADMINISTRATIVE RECORDS
Date Started: / / 
Date Completed: 10/07/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: ADMINISTRATIVE RECORDS
Date Started: / / 
Date Completed: 10/07/10
NANOCHEMONICS SITE (Continued) 1014202079

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: Notice of Intent by All Parties
Date Started: / / 
Date Completed: 10/22/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 09/02/10
Date Completed: 01/10/11
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Emergency
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 01/10/11
Date Completed: 04/08/11
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / / 
Date Completed: 04/08/11
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 003
Action: ADMINISTRATIVE RECORDS
### NANOCHEMONICS SITE (Continued)

**Date Started:** / /  
**Date Completed:** 04/18/11  
**Priority Level:** Not reported  
**Operable Unit:** SITEWIDE  
**Primary Responsibility:** Federal Enforcement  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

**Action Code:** 001  
**Action:** REMOVAL  
**Date Started:** 11/08/10  
**Date Completed:** / /  
**Priority Level:** Stabilized  
**Operable Unit:** SITEWIDE  
**Primary Responsibility:** EPA Fund-Financed  
**Planning Status:** Primary  
**Urgency Indicator:** Time Critical  
**Action Anomaly:** Not reported

**Action Code:** 002  
**Action:** POTENTIALLY RESPONSIBLE PARTY REMOVAL  
**Date Started:** 04/08/11  
**Date Completed:** / /  
**Priority Level:** Stabilized  
**Operable Unit:** SITEWIDE  
**Primary Responsibility:** Responsible Party  
**Planning Status:** Primary  
**Urgency Indicator:** Time Critical  
**Action Anomaly:** Not reported

**PRP:**  
**PRP name:** NANOCHEMONICS HOLDINGS, LLC.  
**STNP, LLC.:**

<table>
<thead>
<tr>
<th>Site</th>
<th>Facility Type</th>
<th>CEDS Facility ID</th>
<th>Owner Id</th>
<th>Owner Name</th>
<th>Owner Address</th>
<th>Owner City/State/Zip</th>
<th>Owner Type</th>
<th>Number of Active AST</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>INDUSTRIAL</td>
<td>2030021</td>
<td>39567</td>
<td>Magnox Pulaski Inc</td>
<td>4 Magnox Dr</td>
<td>Pulaski, VA 24301</td>
<td>COMMERCIAL</td>
<td>1</td>
</tr>
</tbody>
</table>

**Relative:** Higher  
**Actual:** 1929 ft.

**Site 3 of 3 in cluster F**
### MAGNOX PULASKI INC (Continued)

<table>
<thead>
<tr>
<th>Map ID</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>A100353628</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>0</td>
</tr>
<tr>
<td>Fed Regulated:</td>
<td>No</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>8681</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>AST</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>24999</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>FUEL OIL</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>CURR IN USE</td>
</tr>
</tbody>
</table>

**Tank Containment:**
- Install Date: 11/21/1977
- Containment: Curbing: No
- Containment: Weirs: No
- Containment: Sorbent: No
- Containment: Culvert: No
- Containment: Diversion: No
- Containment: Retention: No
- Containment: Dike: Yes
- Containment: Unknown: No
- Containment: Other: No
- Containment: Other Note: Not reported

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

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

**Tank Roof:**
- Float: No
- Cone: Yes
- Breather: Not reported
- Dbideck: Not reported
- Pontoon: Not reported
- Balloon: Not reported
- Lifter: Not reported
- Pan: Not reported
- Other: No

**Install Date:** 11/21/1977
MAGNOX PULASKI INC (Continued)

Tank Type: Other Specify:
- Tank Type Other Specify: Not reported
- Tank Type Other Specify: Other Note
- Tank Type Other Specify: Unknown
- Tank Type Other Specify: Horizontal
- Tank Type Other Specify: Vertical
- Tank Type Other Specify: Vaulted Below Grade
- Tank Type Other Specify: Shop Fabricated/Built
- Tank Type Other Specify: Potable/Skid
- Tank Type Other Specify: Double Bottom
- Tank Type Other Specify: Lined Interior
- Tank Type Other Specify: Double Wall
- Tank Type Other Specify: Single Wall
- Tank Type Other Specify: Cathodic/CP

Tank Material:
- Tank Materials: Bare Steel Yes
- Tank Materials: Concrete No
- Tank Materials: Insulated Tank Jacket No
- Tank Materials: Unknown No
- Tank Materials: Other No
- Tank Materials: Other Note Not reported
- Tank Type Cathodic/CP: 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
NEHI BOTTLING (Continued)

Tank Material:
Install Date: 5/5/1961
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: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
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
20  PULASKI COUNTY CIRCUIT COURT  LTANKS  S107870176
NNE  143 3RD ST NW  N/A
1/8-1/4  PULASKI, VA  24301
0.172 mi.  Actual:
909 ft.  1915 ft.
Relative:  LTANKS:
Higher  Region:  BRRO-R
CEDS Facility Id:  200000081222
Case Status:  Closed
Pollution Complaint #:  19941545
Reported:  01/20/1994

G21  SADLER HOSIERY MILLS INC  RCRA NonGen / NLR  1000280434
West  535 COMMERCE ST  FINDS  VAD003123429
1/8-1/4  PULASKI, VA  24301
0.172 mi.  Site 2 of 2 in cluster G
909 ft.  Actual:
Relative:  RCRA NonGen / NLR:
Higher  1920 ft.
Date form received by agency: 08/18/1980
Facility name:  Not reported
Facility address:  535 COMMERCE ST
PULASKI, VA  24301
EPA ID:  VAD003123429
Mailing address:  PO BOX 471
PULASKI, VA  24301
Contact:  ENVIRONMENTAL COORDINATOR
Contact address:  535 COMMERCE ST
PULASKI, VA  24301
Contact country:  US
Contact telephone:  (215) 555-1212
Contact email:  Not reported
EPA Region:  Not reported
Classification:  Non-Generator
Description:  Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name:  Not reported
Owner/operator address:  OWNERSTREET
OWNERSTREET
OWNERCITY, AK  99999
Owner/operator country:  Not reported
Owner/operator telephone:  (215) 555-1212
Legal status:  Private
Owner/Operator Type:  Owner
Owner/Op start date:  Not reported
Owner/Op end date:  Not reported
Owner/operator name:  OPERNAME
Owner/operator address:  OPERSTREET
OPERSTREET
OPERCITY, AK  99999
Owner/operator country:  Not reported
Owner/operator telephone:  (215) 555-1212
Legal status:  Private
Owner/Operator Type:  Operator
Owner/Op start date:  Not reported
Owner/Op end date:  Not reported
SADLER HOSIERY MILLS INC (Continued)

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Violation Status: No violations found

FINDS:
- Registry ID: 110005218656

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1000280434
- Registry ID: 110005218656
- DFR URL: http://echo.epa.gov/detailed-facility-report?id=110005218656
Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Owner/Operator Summary:

THE SHERWIN-WILLIAMS COMPANY
Owner/operator name: Not reported
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1979
Owner/Op end date: Not reported

HEGGEWOOD ASSOCIATES, LTD.
Owner/operator name: Not reported
Owner/operator address: BLOOMSBURY LANE
SPOTSNYLANIA, VA 22553
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/01/1979
Owner/Op end date: Not reported

SHERWIN-WILLIAMS CO
Owner/operator name: NOT REPORTED
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: AK
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
(Continued)

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Waste code: D001
Waste name: IGNITABLE WASTE

Historical Generators:
Date form received by agency: 03/09/2011
Site name: SHERWIN-WILLIAMS # 5025
Classification: Small Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Date form received by agency: 03/07/2011
Site name: SHERWIN-WILLIAMS # 5025
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Site name: SHERWIN-WILLIAMS CO THE
Classification: Not a generator, verified

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE WASTE

Waste code: D002
Waste name: CORROSIVE WASTE

Waste code: D003
Waste name: REACTIVE WASTE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
(Continued)

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE use, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
(Continued)

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/24/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

23

TOWN OF PULASKI MUNICIPAL BLDG & POLICE STATI

42 FIRST ST NW

PULASKI, VA 24301

Relative: Lower
Actual: 1903 ft.

Facility:
Facility Id: 2019258
Facility Type: LOCAL
CENS Facility ID: 200000089646

Owner:
Owner Id: 38197
Owner Name: Town of Pulaski
Owner Address: PO Box 660
Owner Address2: Not reported
Owner City, State, Zip: PULASKI, VA 24301
Owner Type: LOCAL
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:
Facility ID: 2019258
Federally Regulated: Yes
Tank Number: R1
Tank Capacity: 1000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 1/1/1960
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
TOWN OF PULASKI MUNICIPAL BLDG & POLICE STATI (Continued) U003677071

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: 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

H24 COUNTY ADMINISTRATION BUILDING AST S105118287
NE 143 3RD ST NW N/A
1/8-1/4 0.210 mi.
0,210 ml. 1111 ft. Site 2 of 2 in cluster H
1910 ft.

Relative: AST:
Higher Facility ID: 2016074
Actual: Facility Type: LOCAL
Tank Info: CEDS Facility ID: 200000081222

Owner:
Owner Id: 28567
Owner Name: County of Pulaski
Owner Address: "143 THIRD STREET, NW - SUITE 1"
Owner Address2: Not reported
Owner City/State/Zip: PULASKI, VA 24301

TC5002441.2s Page 91
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
</tr>
</thead>
</table>

### COUNTY ADMINISTRATION BUILDING (Continued) S105118287

**Owner Type:** LOCAL  
**Number of Active AST:** 0  
**Number of Active UST:** 0  
**Number of Inactive AST:** 1  
**Number of Inactive UST:** 0

- Fed Regulated: No  
- Tank Number: AST-1  
- Tank Type: AST  
- Tank Capacity: 2000  
- Tank Contents: HEATING OIL  
- Tank Status: DISMANTLED

**Tank Containment:**  
- Install Date: Not reported  
- Containment: Curbing: No  
- Containment: Weirs: No  
- Containment: Sorbent: No  
- Containment: Culvert: No  
- Containment: Diversion: No  
- Containment: Retention: No  
- Containment: Dike: No  
- Containment: Unknown: Yes  
- Containment: Other: No  
- Containment: Other Note: Not reported

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

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

**Tank Roof:**  
- Float: No  
- Cone: No  
- Breather: Not reported  
- Dbldeck: Not reported  
- Pontoon: Not reported  
- Balloon: Not reported  
- Lifter: Not reported

---

TC5002441.2s  Page 92
## COUNTY ADMINISTRATION BUILDING (Continued)

<table>
<thead>
<tr>
<th>Direction</th>
<th>Site</th>
<th>Elevation</th>
<th>Map ID</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direction</td>
<td>Site</td>
<td>Elevation</td>
<td>Map ID</td>
<td>Database(s)</td>
<td>EPA ID Number</td>
<td>EDR ID Number</td>
</tr>
<tr>
<td>Direction</td>
<td>Site</td>
<td>Elevation</td>
<td>Map ID</td>
<td>Database(s)</td>
<td>EPA ID Number</td>
<td>EDR ID Number</td>
</tr>
</tbody>
</table>

**Tank Type**
- **Tank Type Unknown:**
- **Tank Type Horizontal:**
- **Tank Type Vertical:**
- **Tank Type Vaulted Below Grade:**
- **Tank Type Shop Fabricated/Built:**
- **Tank Type Potable/Skid:**
- **Tank Type Double Bottom:**
- **Tank Type Lined Interior:**
- **Tank Type Double Wall:**
- **Tank Type Single Wall:**
- **Tank Type Cathodic/CP:**
- **Tank Type Bare Steel:**
- **Tank Type Concrete:**
- **Tank Type Insulated Jacket:**
- **Tank Type Insulated Tank:**
- **Tank Type Insulated Tubular:**
- **Tank Type Insulated:**
- **Tank Type Other:**
- **Tank Type Specify:**

**Tank Materials**
- **Tank Materials: Bare Steel:**
- **Tank Materials: Concrete:**
- **Tank Materials: Insulated Tank:**
- **Tank Materials: Unknown:**
- **Tank Materials: Other:**
- **Tank Materials: Other Note:**

**Tank Roof**
- **Tank Roof: Pan:**
- **Tank Roof: Other:**
- **Tank Roof: Other Note:**

**Points of Reference**
- **HCM Label:**
- **Latitude:**
- **Longitude:**
- **Datum:**
- **Acres Property ID:**
- **IC Data Access:**
- **Start Date:**
- **Redev Completion Date:**
- **Completed Date:**
- **Acres Cleaned Up:**
- **Cleanup Funding:**
- **Cleanup Funding Source:**
- **Assessment Funding:**
- **Assessment Funding Source:**
- **Redevelopment Funding:**

**US BROWNFIELDS**
- **Property Name:**
- **Recipient Name:**
- **Grant Type:**
- **Property Number:**
- **Parcel size:**
- **Longevity:**
- **HCM Label:**
- **Map Scale:**
- **Point of Reference:**
- **Highlights:**
- **Acres Cleaned Up:**
- **Cleanup Funding:**
- **Cleanup Funding Source:**
- **Assessment Funding:**
- **Assessment Funding Source:**
- **Redevelopment Funding:**

---

**Jefferson School**
- **Address:**
  - **PULASKI, VA 24301**
  - **SE ECHO 85 FIRST STREET SOUTHWEST**
- **Acres Cleaned Up:**
- **Completed Date:**
- **Redev Completition Date:**
- **Start Date:**
- **IC Data Access:**
- **Status:**
- **US BROWNFIELDS**
  - **Property Name:**
  - **Recipient Name:**
  - **Grant Type:**
  - **Property Number:**
  - **Parcel size:**
  - **Longitude:**
  - **HCM Label:**
  - **Map Scale:**
  - **Point of Reference:**
  - **Highlights:**
  - **Acres Cleaned Up:**
  - **Cleanup Funding:**
  - **Cleanup Funding Source:**
  - **Assessment Funding:**
  - **Assessment Funding Source:**
  - **Redevelopment Funding:**

---

**Jefferson School**
- **Address:**
  - **PULASKI, VA 24301**
  - **SE ECHO 85 FIRST STREET SOUTHWEST**
- **Acres Cleaned Up:**
- **Completed Date:**
- **Redev Completition Date:**
- **Start Date:**
- **IC Data Access:**
- **Status:**
- **US BROWNFIELDS**
  - **Property Name:**
  - **Recipient Name:**
  - **Grant Type:**
  - **Property Number:**
  - **Parcel size:**
  - **Longitude:**
  - **HCM Label:**
  - **Map Scale:**
  - **Point of Reference:**
  - **Highlights:**
  - **Acres Cleaned Up:**
  - **Cleanup Funding:**
  - **Cleanup Funding Source:**
  - **Assessment Funding:**
  - **Assessment Funding Source:**
  - **Redevelopment Funding:**
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redev. Funding Source</td>
<td>Not reported</td>
</tr>
<tr>
<td>Redev. Funding Entity Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Redevelopment Start Date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Assessment Funding Entity</td>
<td>EPA</td>
</tr>
<tr>
<td>Cleanup Funding Entity</td>
<td>Not reported</td>
</tr>
<tr>
<td>Grant Type</td>
<td>Hazardous</td>
</tr>
<tr>
<td>Accomplishment Type</td>
<td>Phase I Environmental Assessment</td>
</tr>
<tr>
<td>Accomplishment Count</td>
<td>0</td>
</tr>
<tr>
<td>Cooperative Agreement Number</td>
<td>97380701</td>
</tr>
<tr>
<td>Start Date</td>
<td>05/19/2010 00:00:00</td>
</tr>
<tr>
<td>Ownership Entity</td>
<td>Private</td>
</tr>
<tr>
<td>Completion Date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Current Owner</td>
<td>Not reported</td>
</tr>
<tr>
<td>Did Owner Change</td>
<td>N</td>
</tr>
<tr>
<td>Cleanup Required</td>
<td>U</td>
</tr>
<tr>
<td>Video Available</td>
<td>Not reported</td>
</tr>
<tr>
<td>Photo Available</td>
<td>Y</td>
</tr>
<tr>
<td>Institutional Controls Required</td>
<td>U</td>
</tr>
<tr>
<td>IC Category Proprietary Controls</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Info. Devices</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Gov. Controls</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Enforcement Permit Tools</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC in place date</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC in place</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal program date</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal program ID</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal NFA date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air contaminated</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Asbestos found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Asbestos cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Controled substance found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Controled substance cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Drinking water affected</td>
<td>Not reported</td>
</tr>
<tr>
<td>Drinking water cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Groundwater affected</td>
<td>Not reported</td>
</tr>
<tr>
<td>Groundwater cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Lead contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Lead cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>No media affected</td>
<td>Not reported</td>
</tr>
<tr>
<td>Unknown media affected</td>
<td>Y</td>
</tr>
<tr>
<td>Other cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other metals found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other metals cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other contaminants found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other contams found description</td>
<td>Not reported</td>
</tr>
<tr>
<td>PAHs found</td>
<td>Not reported</td>
</tr>
<tr>
<td>PAHs cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>PCBs found</td>
<td>Not reported</td>
</tr>
<tr>
<td>PCBs cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Petro products found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Petro products cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Sediments found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Sediments cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Soil affected</td>
<td>Not reported</td>
</tr>
<tr>
<td>Soil cleaned up</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
JEFFERSON SCHOOL (Continued)  

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOCS found</td>
<td>Not reported</td>
</tr>
<tr>
<td>VOCS cleaned</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup other description</td>
<td>Not reported</td>
</tr>
<tr>
<td>Num. of cleanup and re-dev. jobs</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use greenspace acreage</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use residential acreage</td>
<td>Not reported</td>
</tr>
<tr>
<td>Surface Water</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use commercial acreage</td>
<td>2.14</td>
</tr>
<tr>
<td>Past use industrial acreage</td>
<td>Not reported</td>
</tr>
<tr>
<td>Future use greenspace acreage</td>
<td>Not reported</td>
</tr>
<tr>
<td>Future use residential acreage</td>
<td>Not reported</td>
</tr>
<tr>
<td>Future use commercial acreage</td>
<td>2.14</td>
</tr>
<tr>
<td>Future use industrial acreage</td>
<td>Not reported</td>
</tr>
<tr>
<td>Greenspace acreage and type</td>
<td>Not reported</td>
</tr>
<tr>
<td>Superfund Fed. landowner flag</td>
<td>N</td>
</tr>
<tr>
<td>Arsenic cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cadmium cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Chromium cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Copper cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Iron cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>mercury cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Nickel Cleaned Up</td>
<td>Not reported</td>
</tr>
<tr>
<td>No clean up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pesticides cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Selenium cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>SVOCs cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Unknown clean up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Arsenic contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cadmium contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Chromium contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Copper contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Iron contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Mercury contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Nickel contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>No contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pesticides contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Selenium contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>SVOCs contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Unknown contaminant found</td>
<td>Not reported</td>
</tr>
<tr>
<td>Future Use: Multistory</td>
<td>Not reported</td>
</tr>
<tr>
<td>Media affected Bliding Material</td>
<td>Not reported</td>
</tr>
<tr>
<td>Media affected indoor air</td>
<td>Not reported</td>
</tr>
<tr>
<td>Building material media cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Indoor air media cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Unknown media cleaned up</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past Use: Multistory</td>
<td>Not reported</td>
</tr>
<tr>
<td>Property Description:</td>
<td>Jefferson School operated as a public school from 1924 to the late 1980s. Currently the property is unused and in a state of disrepair.</td>
</tr>
<tr>
<td>Below Poverty Number:</td>
<td>315</td>
</tr>
<tr>
<td>Below Poverty Percent:</td>
<td>5.3%</td>
</tr>
<tr>
<td>Meidan Income:</td>
<td>553</td>
</tr>
<tr>
<td>Meidan Income Number:</td>
<td>754</td>
</tr>
<tr>
<td>Meidan Income Percent:</td>
<td>2.2%</td>
</tr>
<tr>
<td>Vacant Housing Number:</td>
<td>216</td>
</tr>
<tr>
<td>Vacant Housing Percent:</td>
<td>7.7%</td>
</tr>
<tr>
<td>Unemployed Number:</td>
<td>104</td>
</tr>
<tr>
<td>Unemployed Percent:</td>
<td>16.0%</td>
</tr>
</tbody>
</table>
JEFFERSON SCHOOL (Continued)  

ECHO:  
Envid: 1014949073  
Registry ID: 110001895085  
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001895085

---

TOWN OF PULASKI PUBLIC WORKS  
27 STATE ST  
PULASKI, VA 24301  

Relative: Higher  
Actual: 1931 ft.

Facility:  
Facility ID: 2019257  
Facility Type: LOCAL  
CEDS Facility ID: 200000088337  

Owner:  
Owner Id: 38197  
Owner Name: Town of Pulaski  
Owner Address: PO Box 660  
Owner Address2: Not reported  
Owner City, State, Zip: PULASKI, VA 24301  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 2  
Number of Inactive AST: 0  
Number of Inactive UST: 5

UST:  
Facility ID: 2019257  
Federally Regulated: Yes

Tank Number: 3C  
Tank Capacity: 6000  
Tank Contents: GASOLINE  
Tank Status: CURR IN USE  
Tank Type: UST

Tank Material:  
Install Date: 3/8/2000  
Tank Materials: Bare Steel No  
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 Yes  
Tank Materials: Other Note Epoxy Coated Steel

Release Detection:  
Tank Release Detection: Leak Deferred No
TOWN OF PULASKI PUBLIC WORKS (Continued)

Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge Yes
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 Yes
Tank Release Detection: Overfill Install Yes
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 Yes
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: PRESSURE
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass Yes
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: 2019257
Federally Regulated: Yes

Tank Number: 4C
Tank Capacity: 4000
Tank Contents: DIESEL

Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Install Date: 3/8/2000
Tank Materials: Bare Steel No
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
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map ID</td>
<td></td>
</tr>
<tr>
<td>Direction</td>
<td></td>
</tr>
<tr>
<td>Distance</td>
<td></td>
</tr>
<tr>
<td>Elevation</td>
<td></td>
</tr>
<tr>
<td>Site</td>
<td></td>
</tr>
<tr>
<td>Database(s)</td>
<td></td>
</tr>
<tr>
<td>EPA ID Number</td>
<td></td>
</tr>
<tr>
<td>EDR ID Number</td>
<td></td>
</tr>
<tr>
<td>TOWN OF PULASKI PUBLIC WORKS (Continued)</td>
<td>U003677070</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Epoxy Coated Steel</td>
</tr>
<tr>
<td>Release Detection:</td>
<td></td>
</tr>
<tr>
<td>Tank Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Vapor Monitor</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Autoleak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Line Tightness</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Release Detection: Stat Invent Recon</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Det: Interior Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type:</td>
<td>PRESSURE</td>
</tr>
<tr>
<td>Pipe Materials: Bare Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Galvanized Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Fiberglass</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: Cath Protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Facility ID:</td>
<td>2019257</td>
</tr>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>R1</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>2000</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>DIESEL</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>UST</td>
</tr>
<tr>
<td>Tank Material:</td>
<td></td>
</tr>
<tr>
<td>Install Date:</td>
<td>1/1/1960</td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Map ID</td>
<td>Direction</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------</td>
</tr>
<tr>
<td>TOWN OF PULASKI PUBLIC WORKS (Continued)</td>
<td></td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection:</td>
<td></td>
</tr>
<tr>
<td>Tank Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Vapor Monitor</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Autoleak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Line Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type:</td>
<td>NO VALVE: SUCTION</td>
</tr>
<tr>
<td>Pipe Materials: Bare Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Galvanized Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: Copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Cath Protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Facility ID:</td>
<td>2019257</td>
</tr>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>R1C</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>5000</td>
</tr>
<tr>
<td>Site</td>
<td>EDR ID Number</td>
</tr>
<tr>
<td>------</td>
<td>---------------</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TC5002441.2s Page 100
**TOWN OF PULASKI PUBLIC WORKS (Continued)**

<table>
<thead>
<tr>
<th>Facility ID:</th>
<th>2019257</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>R2</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>2000</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>GASOLINE</td>
</tr>
<tr>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>UST</td>
</tr>
<tr>
<td>Install Date:</td>
<td>1/1/1960</td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**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 | Yes
TOWN OF PULASKI PUBLIC WORKS (Continued)

<table>
<thead>
<tr>
<th>Release Detection:</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Manual Gauge</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Tank Tightness</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Vapor Monitor</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Autoleak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Line Tightness</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Groundwater</td>
<td>No</td>
</tr>
</tbody>
</table>

```
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: 2019257
Federally Regulated: Yes
Tank Number: R2C
Tank Capacity: 5000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST
Install Date: 3/13/1991
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
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 Yes
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
```
TOWN OF PULASKI PUBLIC WORKS (Continued) U003677070

Pipe Release Detection: Int Sec Containment No
Pipe Release Det: 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 No
Pipe Materials: Copper No
Pipe Materials: Fiberglass Yes
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: 2019257
Federally Regulated: Yes

Tank Number: R3
Tank Capacity: 2000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 1/1/1960
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
TOWN OF PULASKI PUBLIC WORKS (Continued)  

| 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 |

VA Financial Assurance 1:

| Facility ID: | 2019257 |
| Owner Name: | Town of Pulaski |
| ROF Own Id: | 38197 |
| Tank Type: | UST |
| Mechanism: | Not reported |
| Gallonage: | Not reported |
| Per Occurence: | Not reported |
| Third Party: | Not reported |
| Annual Aggregate: | Not reported |
| In Compliance: | Not reported |
| Total Capacity: | 6000 |
| CEDS Facility Name: | Town of Pulaski Public Works |
| Tank Status: | CURR IN USE |
| Active Federally Regualted UST: | Y |
I27  TOWN OF PULASKI PUBLIC WORKS BUILDING  LUST  S108247743
WSW  27 STATE ST  LTANKS  N/A
1/8-1/4  PULASKI, VA 24301
0.221 mi.  Site 2 of 5 in cluster I
1167 ft.  Relative: Higher

Region: WC  Actual: 1931 ft.
Case Status: Closed  Date Reported: Not reported
Date Closed: Not reported  Date Reported: 05/31/2007
Release Reported: 05/31/2007  Pollution Control #: 20072110
Case Manager: Robert L Howard  Owner Name: Not reported
Owner Phone: Not reported  Owner City,St,Zip: Not reported
Owner Address: Not reported  Owner Name: Not reported
Owner Phone: Not reported  Owner City,St,Zip: Not reported
Owner Address: Not reported  Owner Name: Not reported
Owner Phone: Not reported  Owner City,St,Zip: Not reported

LTANKS:
Region: BRRO-R  CEDS Facility Id: 200000088337
Case Status: Closed  Pollution Complaint #: 20072110
Reported: 05/31/2007

I28  TOWN OF PULASKI PUBLIC WORKS  LUST  S111684308
WSW  27 STATE ST  LTANKS  N/A
1/8-1/4  PULASKI, VA 24301
0.221 mi.  Site 3 of 5 in cluster I
1167 ft.  Relative: Higher

Region: WC  Actual: 1931 ft.
Case Status: Closed  Date Reported: Not reported
Date Closed: Not reported  Date Reported: 09/14/2006
Release Reported: 09/14/2006  Pollution Control #: 20072034
Case Manager: Karen M Kastning  Owner Name: Not reported
Owner Phone: Not reported  Owner City,St,Zip: Not reported
Owner Address: Not reported  Owner Name: Not reported
Owner Phone: Not reported  Owner City,St,Zip: Not reported
Owner Address: Not reported  Owner Name: Not reported
Owner Phone: Not reported  Owner City,St,Zip: Not reported

LTANKS:
Region: BRRO-R
**TOWN OF PULASKI PUBLIC WORKS (Continued)**

<table>
<thead>
<tr>
<th>CEDS Facility Id:</th>
<th>200000088337</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case Status:</td>
<td>Closed</td>
</tr>
<tr>
<td>Pollution Complaint #:</td>
<td>20122252</td>
</tr>
<tr>
<td>Reported:</td>
<td>02/07/2012</td>
</tr>
</tbody>
</table>

### I29

**HERCULES PLANT - PULASKI**

<table>
<thead>
<tr>
<th>Location</th>
<th>SEMS-ARCHIVE 1003866142</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>VAD980705636</td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>720 COMMERCE ST</td>
<td></td>
</tr>
<tr>
<td>PULASKI, VA 24301</td>
<td></td>
</tr>
</tbody>
</table>

**Site 4 of 5 in cluster I**

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>302745</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA ID:</td>
<td>VAD980705636</td>
</tr>
<tr>
<td>Federal Facility:</td>
<td>N</td>
</tr>
<tr>
<td>NPL Status:</td>
<td>Not on the NPL</td>
</tr>
<tr>
<td>Non NPL Status:</td>
<td>NFRAP-Site does not qualify for the NPL based on existing information</td>
</tr>
</tbody>
</table>

**Following information was gathered from the prior CERCLIS update completed in 10/2013:**

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>0302745</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Facility:</td>
<td>Not a Federal Facility</td>
</tr>
<tr>
<td>NPL Status:</td>
<td>Not on the NPL</td>
</tr>
<tr>
<td>Non NPL Status:</td>
<td>NFRAP-Site does not qualify for the NPL based on existing information</td>
</tr>
</tbody>
</table>

**CERCLIS-NFRAP Assessment History:**

<table>
<thead>
<tr>
<th>Action:</th>
<th>PRELIMINARY ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started:</td>
<td>09/24/86</td>
</tr>
<tr>
<td>Date Completed:</td>
<td>10/02/86</td>
</tr>
<tr>
<td>Priority Level:</td>
<td>NFRAP-Site does not qualify for the NPL based on existing information</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Action:</th>
<th>ARCHIVE SITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started:</td>
<td>/ /</td>
</tr>
<tr>
<td>Date Completed:</td>
<td>10/02/86</td>
</tr>
<tr>
<td>Priority Level:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Action:</th>
<th>DISCOVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started:</td>
<td>/ /</td>
</tr>
<tr>
<td>Date Completed:</td>
<td>07/09/86</td>
</tr>
<tr>
<td>Priority Level:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

### I30

**PULASKI PLANT**

<table>
<thead>
<tr>
<th>Location</th>
<th>UST U003675646</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>N/A</td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>720 COMMERCE ST</td>
<td></td>
</tr>
<tr>
<td>PULASKI, VA 24301</td>
<td></td>
</tr>
</tbody>
</table>

**Site 5 of 5 in cluster I**

<table>
<thead>
<tr>
<th>Facility Id:</th>
<th>2010850</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Type:</td>
<td>COMMERCIAL</td>
</tr>
<tr>
<td>CEDS Facility ID:</td>
<td>200000089645</td>
</tr>
<tr>
<td>Owner Id:</td>
<td>39567</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Magnox Pulaski Inc</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>4 Magnox Dr</td>
</tr>
<tr>
<td>Owner Address2:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
PULASKI PLANT (Continued)  U003675646

Owner City, State, Zip: Pulaski, VA 24301
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 1

UST:
Facility ID: 2010850
Federally Regulated: Yes
Tank Number: R1
Tank Capacity: 1000
Tank Contents: GASOLINE
**Tank Status:** REM FROM GRD
**Tank Type:** UST

**Tank Material:**
Install Date: 4/30/1974
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: Interior Double Walled No
Pipe Release Detection: Other Method No
### PULASKI PLANT (Continued)

<table>
<thead>
<tr>
<th>Pipe Release Detection:</th>
<th>Other Note</th>
<th>Not reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Type:</td>
<td>UNKNOWN</td>
<td></td>
</tr>
<tr>
<td>Pipe Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bare Steel:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Galvanized Steel:</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Copper:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Fiberglass:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Cath Protect:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Double Walled:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sec Containment:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Repaired:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Unknown:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Other Note:</td>
<td>Not reported</td>
<td></td>
</tr>
</tbody>
</table>

---

**31**

**FORMER BB&T BUILDING**

1 WEST MAIN ST  
PULASKI, VA  24301

- **Relative:** Lower
- **Actual:** 1901 ft.

**LTANKS:**

<table>
<thead>
<tr>
<th>Region:</th>
<th>WC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case Status:</td>
<td>Closed</td>
</tr>
<tr>
<td>Date Reported:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Date Closed:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Reported:</td>
<td>05/17/2010</td>
</tr>
<tr>
<td>Pollution Control #:</td>
<td>20102237</td>
</tr>
<tr>
<td>Case Manager:</td>
<td>Robert L. Howard</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner Address:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City,St,Zip:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner Phone:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**CEDS Facility Id:**  200000853552  
**Location:** 1/4-1/2  
**Distance:** 0.262 mi.  
**Elevation:** 1385 ft.

---

**J32**

**NORFOLK & WESTERN -PULASKI**

2 S. WASHINGTON ST.  
PULASKI, VA  -0-  

- **Relative:** Lower
- **Actual:** 1906 ft.

**LTANKS:**

<table>
<thead>
<tr>
<th>Region:</th>
<th>BRRO-R</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEDS Facility Id:</td>
<td>200000853552</td>
</tr>
<tr>
<td>Case Status:</td>
<td>Closed</td>
</tr>
<tr>
<td>Pollution Complaint #:</td>
<td>20102237</td>
</tr>
<tr>
<td>Reported:</td>
<td>05/17/2010</td>
</tr>
</tbody>
</table>

**Location:** 1/4-1/2  
**Distance:** 0.264 mi.  
**Elevation:** 1394 ft.  
**Site:** 1 of 4 in cluster J
### NORFOLK & WESTERN - PULASKI (Continued)

Owner Name: NORFOLK SOUTHERN CORP.
Owner Address: 8 N. JEFFERSON ST.
Owner City, St, Zip: ROANOKE, VA 24042
Owner Phone: 703-981-4741

---

#### J33 PULASKI BUS STATION

**Relative:**
- **Lower**
- **Actual:** 1907 ft.

**Site 2 of 4 in cluster J**

**LTANKS**
- **Region:** BRRO-R
- **CEDS Facility Id:** 200000095561
- **Case Status:** Closed
- **Pollution Complaint #:** 19921330
- **Reported:** 01/31/1992

**Facility:**
- **Facility Id:** 2025289
- **Facility Type:** TRUCKING/TRANSPORT
- **CEDS Facility ID:** 200000095561

**Owner:**
- **Owner Id:** 38197
- **Owner Name:** Town of Pulaski
- **Owner Address:** PO Box 660
- **Owner Address2:** Not reported
- **Owner City, State, Zip:** PULASKI, VA 24301
- **Owner Type:** LOCAL
- **Number of Active AST:** 0
- **Number of Active UST:** 0
- **Number of Inactive AST:** 0
- **Number of Inactive UST:** 9

**UST:**
- **Facility ID:** 2025289
- **Federally Regulated:** Yes
- **Tank Number:** 1
- **Tank Capacity:** Not reported
- **Tank Contents:** GASOLINE
- **Tank Status:** REM FROM GRD
- **Tank Type:** UST

**Tank Material:**
- **Install Date:** 1/1/1940
- **Tank Materials:**
  - Bare Steel Yes
  - Cath Protect Steel No
  - Epoxy Steel No
  - Fiberglass No
  - Concrete No
  - Composite No
  - Double Walled No
  - Lined Interior No
  - Excav Liner No
  - Insulated Tank Jacket No
  - Repaired No
### PULASKI BUS STATION (Continued)

<table>
<thead>
<tr>
<th>Tank Materials:</th>
<th>Unknown</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Materials:</td>
<td>Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

### 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: Interior Double Walled | No |
- Pipe Release Detection: Other Method | No |
- Pipe Release Detection: Other Note | Not reported |

### Pipe Type:
- Unknown

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

### Facility ID:
- 2025289

### Tank Number:
- 10

### Tank Capacity:
- 3000

### Tank Contents:
- GASOLINE

### Tank Status:
- REM FROM GRD

### Tank Type:
- UST

### Tank Material:
- Bare Steel | Not reported |
- Cath Protect Steel | Yes |
- Epoxy Steel | No |
- Other | No |
**PULASKI BUS STATION (Continued)***

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Materials: fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: double walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: lined interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: excav liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: insulated tank jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: other note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Release Detection: leak deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: manual gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: auto gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: tank tightness</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: vapor monitor</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: inventory</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: stat invent recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: spill install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: overfill install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: int sec containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: int double walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: other method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: other note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: leak deferred</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: auto leak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: line tightness</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: stat invent recon</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: int sec containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: interior double walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: other method</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: other note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type:</td>
<td>NO VALVE: SUCTION</td>
</tr>
<tr>
<td>Pipe Materials: bare steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: galvanized steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: cath protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: double walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: sec containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: other note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>2</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>3000</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>GASOLINE</td>
</tr>
</tbody>
</table>

**Facility ID:** 2025289  
**Federally Regulated:** Yes
### PULASKI BUS STATION (Continued)

**Tank Status:** REM FROM GRD  
**Tank Type:** UST

**Tank Material:**

<table>
<thead>
<tr>
<th>Install Date</th>
<th>Tank Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bare Steel</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Cath Protect Steel</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Epoxy Steel</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Fiberglass</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Concrete</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Composite</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Double Walled</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Excav Liner</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Insulated Tank Jacket</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Repaired</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Unknown</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Other Note</td>
</tr>
<tr>
<td></td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Release Detection:**

<table>
<thead>
<tr>
<th>Tank Release Detection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leak Deferred</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Manual Gauge</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Auto Gauge</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Tank Tightness</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Vapor Monitor</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Inventory</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Stat Invent Recon</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Spill Install</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Groundwater</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Int Sec Containment</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Int Double Walled</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Other Method</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Other Note</td>
</tr>
<tr>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Pipe Release Detection:**

<table>
<thead>
<tr>
<th>Pipe Release Detection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leak Deferred</td>
</tr>
<tr>
<td>Not reported</td>
</tr>
<tr>
<td>Autoleak</td>
</tr>
<tr>
<td>Not reported</td>
</tr>
<tr>
<td>Line Tightness</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Stat Invent Recon</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Groundwater</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Int Sec Containment</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Interior Double Walled</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Other Method</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Other Note</td>
</tr>
<tr>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Pipe Type:** NO VALVE: SUCTION

<table>
<thead>
<tr>
<th>Pipe Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bare Steel</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Galvanized Steel</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>Copper</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Fiberglass</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Cath Protect</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Double Walled</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Sec Containment</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Repaired</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Unknown</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>No</td>
</tr>
<tr>
<td>Other Note</td>
</tr>
<tr>
<td>Not reported</td>
</tr>
</tbody>
</table>
### PULASKI BUS STATION (Continued)

<table>
<thead>
<tr>
<th>Facility ID:</th>
<th>2025289</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>3</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>3000</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>GASOLINE</td>
</tr>
<tr>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Tank Type:</strong></td>
<td>UST</td>
</tr>
<tr>
<td>Tank Material:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Materials:</td>
<td>Bare Steel</td>
</tr>
<tr>
<td></td>
<td>Cath Protect Steel</td>
</tr>
<tr>
<td></td>
<td>Epoxy Steel</td>
</tr>
<tr>
<td></td>
<td>Fiberglass</td>
</tr>
<tr>
<td></td>
<td>Concrete</td>
</tr>
<tr>
<td></td>
<td>Composite</td>
</tr>
<tr>
<td></td>
<td>Double Walled</td>
</tr>
<tr>
<td></td>
<td>Lined Interior</td>
</tr>
<tr>
<td></td>
<td>Excav Liner</td>
</tr>
<tr>
<td></td>
<td>Insulated Tank Jacket</td>
</tr>
<tr>
<td></td>
<td>Repaired</td>
</tr>
<tr>
<td></td>
<td>Unknown</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>Other Note</td>
</tr>
</tbody>
</table>

#### 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: 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

<table>
<thead>
<tr>
<th>Pipe Materials:</th>
<th>Bare Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials:</td>
<td>Galvanized Steel</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials:</td>
<td>Copper</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials:</td>
<td>Fiberglass</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials:</td>
<td>Cath Protect</td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
</tbody>
</table>
Pipe Release Detection: Other Method: 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 Note: Not reported

Tank Materials: Other Note: Not reported
Tank Materials: Other: No
Tank Materials: Unknown: No
Tank Materials: Repaired: No
Tank Materials: Sec Containment: No
Tank Materials: Double Walled: No
Tank Materials: Lined Interior: No
Tank Materials: Composite: No
Tank Materials: Concrete: No
Tank Materials: Fiber Glass: No
Tank Materials: Epoxy Steel: No
Tank Materials: Cath Protect Steel: No
Tank Materials: Bare Steel: Yes
Install Date: Not reported

Tank Status: REM FROM GRD
Tank Type: UST
Tank Contents: GASOLINE
Tank Capacity: 500
Tank Number: 4
Facility ID: 2025289
Federally Regulated: Yes

PULASKI BUS STATION (Continued) U003677851
### PULASKI BUS STATION (Continued)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type</td>
<td>NO VALVE: SUCTION</td>
</tr>
<tr>
<td>Pipe Materials: Bare Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Galvanized Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: Copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Cath Protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Facility ID</td>
<td>2025289</td>
</tr>
<tr>
<td>Federally Regulated</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number</td>
<td>5</td>
</tr>
<tr>
<td>Tank Capacity</td>
<td>2000</td>
</tr>
<tr>
<td>Tank Contents</td>
<td>GASOLINE</td>
</tr>
<tr>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type</td>
<td>UST</td>
</tr>
<tr>
<td>Tank Material:</td>
<td>Install Date: Not reported</td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Vapor Monitor</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
**PULASKI BUS STATION (Continued)**

| 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
- Repair: No
- Unknown: No
- Other: No
- Other Note: Not reported

**Facility ID:** 2025289

**Federally Regulated:** Yes

**Tank Number:** 6

**Tank Capacity:** 3000

**Tank Contents:** GASOLINE

**Tank Status:** REM FROM 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: Fiber glass | 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: Repair | 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 |
**PULASKI BUS STATION (Continued)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Auto Leak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Line Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Interior Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type:</td>
<td>NO VALVE: SUCTION</td>
</tr>
<tr>
<td>Pipe Materials: Bare Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Galvanized Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: Copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Cath Protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Facility ID:</td>
<td>2025289</td>
</tr>
<tr>
<td>Federally Regulated:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>7</td>
</tr>
<tr>
<td>Tank Capacity:</td>
<td>500</td>
</tr>
<tr>
<td>Tank Contents:</td>
<td>GASOLINE</td>
</tr>
<tr>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>UST</td>
</tr>
<tr>
<td>Tank Material:</td>
<td></td>
</tr>
<tr>
<td>Install Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
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: Auto Leak: 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: 2025289
Federally Regulated: Yes

Tank Number: 9
Tank Capacity: 1000
Tank Contents: USED OIL
**Tank Status:** REM FROM 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
PULASKI BUS STATION (Continued)  U003677851

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: Det: 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

34  LUST RESIDENCE
SW 160 CLIFF ST
1/4-1/2 0.265 mi.
1401 ft.

Relative: Higher
Actual: 2005 ft.

LUST REG WC:  WC
Case Status: Closed
Date Reported: Not reported

TC5002441.2s  Page 119
FROST RESIDENCE (Continued)

Date Closed: Not reported
Release Reported: 08/14/2008
Pollution Control #: 20092011
Case Manager: Donald M Edge
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported

LTANKS:
Region: BRRO-R
CEDS Facility Id: 200000849731
Case Status: Closed
Pollution Complaint #: 20092011
Reported: 08/14/2008
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Address</td>
<td>PO Box 660</td>
</tr>
<tr>
<td>Owner Address2</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City, State, Zip</td>
<td>PULASKI, VA 24301</td>
</tr>
<tr>
<td>Owner Type</td>
<td>LOCAL</td>
</tr>
<tr>
<td>Number of Active AST</td>
<td>0</td>
</tr>
<tr>
<td>Number of Active UST</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive UST</td>
<td>3</td>
</tr>
<tr>
<td>UST:</td>
<td>Facility ID: 2037948</td>
</tr>
<tr>
<td></td>
<td>Federally Regulated: Yes</td>
</tr>
<tr>
<td></td>
<td>Tank Number: R1</td>
</tr>
<tr>
<td></td>
<td>Tank Capacity: 1500</td>
</tr>
<tr>
<td></td>
<td>Tank Contents: GASOLINE</td>
</tr>
<tr>
<td></td>
<td>Tank Status: REM FROM GRD</td>
</tr>
<tr>
<td></td>
<td>Tank Type: UST</td>
</tr>
<tr>
<td>Tank Material: Bare Steel</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Overfill Install</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Autoleak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Line Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
</tbody>
</table>
### TOWN OF PULASKI (Continued)

<table>
<thead>
<tr>
<th>Pipe Release Detection: Interior Double Walled</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type:</td>
<td>NO VALVE: SUCTION</td>
</tr>
<tr>
<td>Pipe Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: Galvanized Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Cath Protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

| Facility ID:                                  | 2037948 |
| Federally Regulated:                         | Yes |
| Tank Number:                                 | R2 |
| Tank Capacity:                               | 575 |
| Tank Contents:                               | GASOLINE |
| **Tank Status:**                             | REM FROM GRD |
| **Tank Type:**                               | UST |
| Tank Material:                               | Not reported |
| 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 |
### Map Findings

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDR ID Number</td>
<td>1003277962</td>
</tr>
<tr>
<td>Tank Status</td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td>Tank Type</td>
<td>UST</td>
</tr>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Federally Regulated</td>
<td>Yes</td>
</tr>
<tr>
<td>Tank Number</td>
<td>R4</td>
</tr>
<tr>
<td>Tank Capacity</td>
<td>1000</td>
</tr>
<tr>
<td>Tank Contents</td>
<td>GASOLINE</td>
</tr>
<tr>
<td>Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Site</td>
<td>TOWN OF PULASKI (Continued)</td>
</tr>
<tr>
<td>Facility ID</td>
<td>2037948</td>
</tr>
<tr>
<td>Install Date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Install Date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
</tbody>
</table>

---

TC5002441.2s  Page 123
TOWN OF PULASKI (Continued) 1003277962

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: 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 Yes
Pipe Materials: Galvanized Steel No
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
NORFOLK & WESTERN RAILWAY COMPANY (Continued)

<table>
<thead>
<tr>
<th>Owner Type:</th>
<th>COMMERCIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Active AST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Active UST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive AST:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive UST:</td>
<td>1</td>
</tr>
</tbody>
</table>

**UST:**
- Facility ID: 2018001
- Federally Regulated: Yes
- Tank Number: 1
- Tank Capacity: 550
- Tank Contents: GASOLINE
- **Tank Status:** REM FROM GRD
- Tank Type: UST
- Install Date: 5/7/1951
- 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: Interior Double Walled | No
- Pipe Release Detection: Other Method | No
- Pipe Release Detection: Other Note | Not reported
NORFOLK & WESTERN RAILWAY COMPANY (Continued)

Pipe Type: UNKNOWN
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

38
WSW
1/4-1/2
0.278 mi.
1470 ft.

HALE PROPERTY
59 BERTHA STREET
PULASKI, VA 24301

LUST REG WC:
Region: WC
Case Status: Not reported
Date Reported: 10/16/2001
Date Closed: Not reported
Release Reported: Not reported
Pollution Control #: 02-2039N
Case Manager: Not reported
Owner Name: TERRY HALE
Owner Address: 59 BERTHA ST.
Owner City, St, Zip: PULASKI, VA 24301
Owner Phone: 540-980-7800

LTANKS:
Region: BRRO-R
CEDS Facility Id: 200000204750
Case Status: Closed
Pollution Complaint #: 20022039
Reported: 10/16/2001

K39
ESE
1/4-1/2
0.280 mi.
1480 ft.

ELITE MOBIL STATION
40 S WASHINGTON AVE
PULASKI, VA 24301

Relative: Higher
Actual: 1918 ft.

LTANKS:
Region: BRRO-R
CEDS Facility Id: 200000081201
Case Status: Closed
Pollution Complaint #: 19971067
Reported: 12/31/1996
Region: BRRO-R
CEDS Facility Id: 200000081201
Case Status: Closed
### ELITE MOBIL STATION (Continued)

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Reported Date</th>
<th>Pollution Complaint #</th>
<th>Closed Date</th>
<th>Case Status</th>
<th>Region</th>
<th>CEDS Facility Id</th>
<th>Case Status</th>
<th>Pollution Complaint #</th>
<th>Reported Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>S105988433</td>
<td>01/22/1990</td>
<td>19900901</td>
<td>1997-10-30 00:00:00</td>
<td>WC</td>
<td>Closed</td>
<td>200000081195</td>
<td>Closed</td>
<td>19971062</td>
<td>11/04/1996</td>
</tr>
</tbody>
</table>

#### Site 1 of 2 in cluster L

- **Relative:** Lower
- **Actual:** 1905 ft.
- **Region:** WC
- **Case Status:** Not reported
- **Date Reported:** 11/04/1996
- **Date Closed:** 1997-10-30 00:00:00
- **Release Reported:** Not reported
- **Pollution Control #:** 97-1062N
- **Case Manager:** Not reported
- **Owner Name:** FIRST AMERICAN NAT. BANK
- **Owner Address:** 505 S. GAY ST.
- **Owner City, St, Zip:** KNOXVILLE, TN 37902
- **Owner Phone:** 423-521-5382

### LUST REG WC:

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Reported Date</th>
<th>Pollution Complaint #</th>
<th>Closed Date</th>
<th>Case Status</th>
<th>Region</th>
<th>CEDS Facility Id</th>
<th>Case Status</th>
<th>Pollution Complaint #</th>
<th>Reported Date</th>
</tr>
</thead>
</table>

#### Site 1 of 2 in cluster M

- **Relative:** Higher
- **Actual:** 1915 ft.
- **Region:** BRRO-R
- **Case Status:** Closed
- **Pollution Complaint #:** 19971062
- **Reported Date:** 11/04/1996

### LTANKS:

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Reported Date</th>
<th>Pollution Complaint #</th>
<th>Closed Date</th>
<th>Case Status</th>
<th>Region</th>
<th>CEDS Facility Id</th>
<th>Case Status</th>
<th>Pollution Complaint #</th>
<th>Reported Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>U003674731</td>
<td>05/30/1990</td>
<td>19901590</td>
<td>05/30/1990</td>
<td>WC</td>
<td>Closed</td>
<td>200000081186</td>
<td>Closed</td>
<td>19901590</td>
<td>05/30/1990</td>
</tr>
</tbody>
</table>

#### Site 1 of 2 in cluster M

- **Relative:** Higher
- **Actual:** 1897 ft.
- **Region:** BRRO-R
- **Case Status:** Closed
- **Pollution Complaint #:** 19901590
- **Reported Date:** 05/30/1990

### Facility:

- **Facility Id:** 2004949
- **Facility Type:** GAS STATION
- **CEDS Facility Id:** 200000081186

### Owner:

- **Owner Id:** 31795
- **Owner Name:** THE SOUTHLAND CORPORATION
- **Owner Address:** 814 BAKER ROAD
- **Owner Address2:** Not reported
- **Owner City, State, Zip:** VIRGINIA BEACH, VA 23462
- **Owner Type:** COMMERCIAL
- **Number of Active AST:** 0
- **Number of Active UST:** 0
### 7-ELEVEN STORE 1055-19586 (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Inactive AST</td>
<td>0</td>
</tr>
<tr>
<td>Number of Inactive UST</td>
<td>2</td>
</tr>
</tbody>
</table>

#### UST:
- **Facility ID**: 2004949
- **Federally Regulated**: Yes
- **Tank Number**: 1
- **Tank Capacity**: 10000
- **Tank Contents**: GASOLINE
- **Tank Status**: REM FROM GRD
- **Tank Type**: UST
- **Install Date**: 4/2/1977
- **Tank Material**: Bare Steel
- **Number of Inactive UST**: 2
- **Number of Inactive AST**: 0

#### Release Detection:
- **Release Detection**: Leak Deferred | No
- **Release Detection**: Manual Gauge | No
- **Release Detection**: Auto Gauge | No
- **Release Detection**: Tank Tightness | No
- **Release Detection**: Vapor Monitor | No
- **Release Detection**: Stat Invent Recon | No
- **Release Detection**: Overfill Install | No
- **Release Detection**: Spill Install | No
- **Release Detection**: Groundwater | No
- **Release Detection**: Int Sec Containment | No
- **Release Detection**: Int Double Walled | No
- **Release Detection**: Other Method | No
- **Release Detection**: Other Note | Not reported

#### Pipe Release Detection:
- **Pipe Release Detection**: Leak Deferred | Not reported
- **Pipe Release Detection**: Auto Leak | 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

#### Tank Materials:
- **Tank Materials**: Bare Steel
- **Tank Materials**: Unknown
- **Tank Materials**: Repaired
- **Tank Materials**: Insulated Tank Jacket
- **Tank Materials**: Excav Liner
- **Tank Materials**: Lined Interior
- **Tank Materials**: Double Walled
- **Tank Materials**: Composite
- **Tank Materials**: Epoxy Steel
- **Tank Materials**: Fiberglass
- **Tank Materials**: Concrete
- **Tank Materials**: Unknown
- **Tank Materials**: Other
- **Tank Materials**: Other Note | Not reported

#### Pipe Type:
- **Pipe Type**: UNKNOWN

#### Pipe Materials:
- **Pipe Materials**: Bare Steel
- **Pipe Materials**: Unknown
### 7-ELEVEN STORE 1055-19586 (Continued)

**Facility ID:** 2004949  
**Federally Regulated:** Yes  
**Install Date:** 4/2/1977

<table>
<thead>
<tr>
<th><strong>Tank Status:</strong></th>
<th>REM FROM GRD</th>
<th><strong>Tank Type:</strong></th>
<th>UST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tank Number:</strong></td>
<td>2</td>
<td><strong>Tank Capacity:</strong></td>
<td>10000</td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
<td><strong>Tank Type:</strong></td>
<td>UST</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
<tr>
<td><strong>Install Date:</strong></td>
<td>4/2/1977</td>
<td><strong>Tank Materials:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Contents:</strong></td>
<td>GASOLINE</td>
<td><strong>Tank Status:</strong></td>
<td>REM FROM GRD</td>
</tr>
</tbody>
</table>
7-ELEVEN STORE 1055-19586 (Continued) U003674731

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: UNKNOWN
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

L42 MCCREADY LUMBER (BFP-003) US BROWNFIELDS 1016348384
ENE RT 99 AND PEAKE CREEK FINDS N/A
1/4-1/2 PULASKI, VA 24301
0.378 mi. Site 2 of 2 in cluster L
1996 ft. Relative: US BROWNFIELDS:
Lower Property Name: MCCREADY LUMBER (BFP-003)
Recipient Name: R3 Brownfields TBA (previously Superfund TBA)
Actual: Grant Type: TBA
1907 ft. Property Number: Not reported
Parcel size: 37
Latitude: 37.048874
Longitude: -80.778654
HCM Label: Not reported
Map Scale: Not reported
Point of Reference: Not reported
Highlights: Not reported
Datum: Not reported
Acres Property ID: 10194
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 1
Assessment Funding Source: US EPA - TBA Funding
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Hazardous
Accomplishment Type: Phase II Environmental Assessment
Accomplishment Count: 1
**MCCREADY LUMBER (BFP-003) (Continued)**

<table>
<thead>
<tr>
<th>Cooperative Agreement Number:</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start Date:</td>
<td>09/21/1998 00:00:00</td>
</tr>
<tr>
<td>Ownership Entity:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completion Date:</td>
<td>09/21/1998 00:00:00</td>
</tr>
<tr>
<td>Current Owner:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Did Owner Change:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup Required:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Video Available:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Photo Available:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Institutional Controls Required:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Category Proprietary Controls:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Info. Devices:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Gov. Controls:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC Cat. Enforcement Permit Tools:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC in place date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>IC in place:</td>
<td>U</td>
</tr>
<tr>
<td>State/tribal program date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal program ID:</td>
<td>Not reported</td>
</tr>
<tr>
<td>State/tribal NFA date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air contaminated:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Air cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Asbestos found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Asbestos cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Controled substance found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Controled substance cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Drinking water affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Drinking water cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Groundwater affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Groundwater cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Lead contaminant found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Lead cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>No media affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Unknown media affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other metals found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other metals cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other contaminants found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Other contams found description:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PAHs found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PAHs cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PCBs found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>PCBs cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Petro products found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Petro products cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Sediments found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Sediments cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Soil affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Soil cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Surface water cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>VOCs found:</td>
<td>Not reported</td>
</tr>
<tr>
<td>VOCs cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup other description:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Num. of cleanup and re-dev. jobs:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use greenspace acreage:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use residential acreage:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Surface Water:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use commercial acreage:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
MCCREADY LUMBER (BFP-003) (Continued)

Past use industrial acreage: Not reported
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: Not reported
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Not reported
Arsenic cleaned up: Not reported
Cadmium cleaned up: Not reported
Chromium cleaned up: Not reported
Copper cleaned up: Not reported
Iron cleaned up: Not reported
mercury cleaned up: Not reported
Nickel Cleaned Up: Not reported
No clean up: Not reported
Pesticides cleaned up: Not reported
Selenium cleaned up: Not reported
SVOCs cleaned up: Not reported
Unknown clean up: Not reported
Arsenic contaminant found: Not reported
Cadmium contaminant found: Not reported
Chromium contaminant found: Not reported
Copper contaminant found: Not reported
Iron contaminant found: Not reported
Mercury contaminant found: Not reported
Nickel contaminant found: Not reported
No contaminant found: Not reported
Pesticides contaminant found: Not reported
Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory
Media affected Bluding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory
Property Description: Andy McCready, President, McCready Lumber Company, 4801 Wurno Rd., Pulaski, VA 24301.

Below Poverty Number: 278
Below Poverty Percent: 5.9%
Meidan Income: 788
Meidan Income Number: 682
Meidan Income Percent: 2.4%
Vacant Housing Number: 206
Vacant Housing Percent: 8.0%
Unemployed Number: 82
Unemployed Percent: 20.0%

FINDS:

Registry ID: 110038742064

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
is an federal online database for Brownfields Grantees to
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>MAP FINDINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MCCREADY LUMBER (BFP-003) (Continued)</th>
<th>1016348384</th>
</tr>
</thead>
<tbody>
<tr>
<td>electronically submit data directly to EPA.</td>
<td></td>
</tr>
</tbody>
</table>

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M43</td>
<td>NE</td>
<td>0.381 mi.</td>
<td>2013 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FORMER RUTHERFORD PONTIAC DEALERSHIP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>419 N WASHINGTON AVE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PULASKI, VA 24301</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative: Higher</td>
<td>LTANKS: BRRO-R</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual: 1917 ft.</td>
<td>CEDS Facility Id: 200000197036</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pollution Complaint #: 20012030</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reported: 09/19/2000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>East</td>
<td>0.388 mi.</td>
<td>2049 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLUE RIDGE SUPPLY CO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>92 1ST ST NE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PULASKI, VA 24301</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative: Lower</td>
<td>LTANKS: BRRO-R</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual: 1905 ft.</td>
<td>CEDS Facility Id: 200000081192</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case Status: Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pollution Complaint #: 20022076</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reported: 01/31/2002</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>ENE</td>
<td>0.402 mi.</td>
<td>2124 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PULASKI FURNITURE FACILITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>301 N. MADISON AVENUE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PULASKI, VA 24301</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative: Higher</td>
<td>VCP: VRP00501</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual: 1909 ft.</td>
<td>Site Status: Certificate Issued</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Site Status 2: Recordation Not Required</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DEQ Region: Blue Ridge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sizs in Acres: .5000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Site Type: Industry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Corrective Action Desc: Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Name: John &amp; Jeff Schwarz, LLC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Contact: John Schwarz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Address: 1947 N. Fayetteville St. Asheboro, NC 27203</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Phone: 336-625-6076</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operator Name: Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operator Owner: Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operator Phone: Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Participant Name: Pulaski Furniture Corporation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Relationship to Site: Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Contact</td>
<td>Lamont Hope</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Phone</td>
<td>540-994-5296</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Title</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Affiliation</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Address</td>
<td>P.O. Box 1371</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant City, St, Zip</td>
<td>Pulaski, VA 24301</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional Parts</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participation Notes</td>
<td>Sent to RO and Haz waste 9-19-07</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Rep/Contractor</td>
<td>James Thornhill</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Rep/Contractor Phone</td>
<td>804-775-1000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Rep/Contractor Title</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Rep/Contractor Affiliation</td>
<td>McGuire Woods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Rep/Contractor Address</td>
<td>901 East Cary St.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant Rep/Contractor City, St, Zip</td>
<td>Richmond, VA 23219-4030</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal Contaminants Present in Soil</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organic Contaminants Present in Soil</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal Contaminants Present in GW</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organic Contaminants Present in GW</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEQ Staff Case Manager’s Initials</td>
<td>GJG</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleanup Standards</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Further VRP Action Date</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Participant Notified of NFA</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certification Date</td>
<td>03/10/2009</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deed Received Date</td>
<td>03/27/2009</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terms of NFA Determination</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date VRP Eligibility Declared by Participant</td>
<td>09/14/2007</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date VRP Eligibility Determined by DEQ Region</td>
<td>09/24/2007</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dt Office Of Waste Permitting Verified Site Eligibility</td>
<td>10/16/2007</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date VRP Eligibility Determined by VRP</td>
<td>10/25/2007</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Signed Agreement Submitted By Participant</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Agreement Executed by DEQ</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration Fee Amount Submitted by Participant</td>
<td>2000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Registration Fee Submitted by Participant</td>
<td>11/09/2007</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Characterization Document Number</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEQ Concurrence with Site Characterization Date</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial Action Work Plan Document Number</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEQ Concurs with Remedial Action Work Plan Date</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Completion Report Document Number</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEQ Concurs with Completion Report Date</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 1</td>
<td>07/22/2008</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 2</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 3</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 4</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 5</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 6</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 7</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submittal Date for Document Number 8</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEQ Response Incident ID Number</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPA CERCLIS ID</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PULASKI FURNITURE FACILITY (Continued)

EPA RCRA ID NUMBER: VAD003131588
DEQ Pollution Complaint Number: Not reported
Latest Action Relative To Site: Recorded Certificate Received
Latest Action Relative To Site Date: 05/13/2009
Next VRP Step Needed Relating To Site: None
Pending Since: Not reported
Date Next Step Should Be Completed: Not reported
Lat/Long: 0 / 0
Brownfield Tax Incentive: Not reported
Ground Water Use Restriction: False
Res. User Restriction: False
Excavation Restriction: False
Unrestricted: True
Other Condition of Issuance: False
GPS Lat: 37.049878
GPS Long: -80.777366000000001
GPS Desc: Not reported
Notes: 11/28/2007 Site visit

SPILLS:
Fips City/County: Pulaski County
Status: Closed
Reference Id: 24695
IR Number: 2014-W-2133
Associated IR: Not reported
Incident Date: 03/22/2013
Call Received Date: 02/05/2014
Closure Comments: Not reported
Threat To: Human Health
Terrorism (Y/N): N
Characterize Incident: Unknown
Incident Type: Waste
Incident Subtype: Hazardous Waste * Waste
Materials: Chemicals (0-0 Unknown)
Effect To Receptor: Unknown
Water Body: Not reported
Low Quantity To Water: Not reported
High Quantity To Water: Not reported
Quantity Units: Not reported
Other Receptors: Not reported
RP Company: Not reported
RP Name: Not reported
Property Owner: Not reported
Property Company: Not reported
Duration Of Event (Hrs): 0
Impacts: Not reported
Other Impacts: Not reported
Steps Taken: Not reported
Steps Taken Description: Not reported
System Components: Not reported
Other System Components: Not reported
Cause Of Event: Not reported
Corrective Action Taken: Not reported
Weather Status: N/A
Precipitation (Wet): 0
Discharge Type: N/A
Discharge Volume: 0
PULASKI FURNITURE FACILITY (Continued) 

<table>
<thead>
<tr>
<th>Unknown Discharge (Y/N):</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Name:</td>
<td>BLUE BIRD RECYCLING</td>
</tr>
<tr>
<td>Closure Date:</td>
<td>02/05/2014</td>
</tr>
<tr>
<td>Orig. Call Incident Description:</td>
<td>Company accepting 55 gallon drums and 90 gallon totes with unknown chemicals and mixing the chemicals together without testing.</td>
</tr>
<tr>
<td>Original Call Material Description:</td>
<td>unknown chemicals</td>
</tr>
<tr>
<td>Original Call Location Description:</td>
<td>301 North Madison Avenue, Pulaski VA</td>
</tr>
<tr>
<td>Incident Ongoing at time of Call:</td>
<td>N</td>
</tr>
<tr>
<td>Agencies Notified (Y/N):</td>
<td>Y</td>
</tr>
<tr>
<td>Other Agencies:</td>
<td>Pulaski (Town) Fire Marshal, VA DEM</td>
</tr>
<tr>
<td>Permitted (Y/N):</td>
<td>N</td>
</tr>
<tr>
<td>Call Reported By Company Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Call Property Owner Company Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Call Property Owner Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Site Summary:</td>
<td>Fire Marshal contacted VDEM &amp; DEQ after responding to a false fire alarm at the facility on March 22, 2013. He found that the recycling center was receiving &quot;dirty&quot; drums and totes containing various chemicals. The company personnel were decanting the liquids into a common container and then cutting the empty drums/totes in half and shipping them off for recycling with no rinsing. The chemicals are accumulated on site, some in open containers. The RP has no plan of action for dealing with them.</td>
</tr>
</tbody>
</table>

Fips City/County: Pulaski County
Status: Not reported
Reference Id: Not reported
IR Number: 2001-W-0042
Associated IR: Not reported
Incident Date: 09/01/2000
Call Received Date: 09/01/2000
Closure Comments: See Site Summary for details
Threat To: Not reported
Terrorism (Y/N): NO
Characterize Incident: Not reported
Incident Type: Petroleum
Incident Subtype: Petroleum
Materials: Oil (Fuel-Diesel)(50 - 50 Gallons)
Effect To Receptor: Not reported
Water Body: Peak Creek
Low Quantity To Water: -1
High Quantity To Water: -1
Quantity Units: Gallons
Other Receptors: Not reported
RP Company: Pulaski Furniture Corp
RP Name: Karl Reese
Property Owner: Not reported
Property Company: Not reported
Duration Of Event (Hrs): Not reported
Impacts: Not reported
Other Impacts: Not reported
Steps Taken: Not reported
Steps Taken Description: Not reported
System Components: Not reported
Other System Components: Not reported
Cause Of Event: Not reported
Corrective Action Taken: Not reported
Weather Status: Not reported
PULASKI FURNITURE FACILITY (Continued)

Precipitation (Wet): Not reported
Discharge Type: Not reported
Discharge Volume: Not reported
Unknown Discharge (Y/N): NO
Site Name: PULASKI FURNITURE CORP
Closure Date: 09/18/2000
Orig. Call Incident Description: Pulaski Furniture Corp. truck had damaged fuel tank which released 50-75 gallons of diesel fuel to gravel parking lot.
Original Call Material Description: Diesel fuel
Original Call Location Description: Pulaski Furniture Corp-301 North Madison Ave-Pulaski-VA--Pulaski County
Incident Ongoing at time of Call: Not reported
Agencies Notified (Y/N): NO
Other Agencies: Not reported
Permitted (Y/N): YES
Call Reported By Company Name: Karl Reese
Call Property Owner Company Name: Not reported
Call Property Owner Name: Not reported
Site Summary: see report

SPILLS WC:
Region: WC
Call Date: Not reported
Incident Response IR #: 2001-W-0042
Date In: 9/1/2000
Time In: 3:00 PM
Reported By Name: Karl Reese
Reported By Phone: 540-994-5214
Reported By Affiliation/Addr: Pulaski Furniture Corp.
Facility Permitted: True
Site Contact: Karl Reese
Site Phone: 540-994-5214
RP Name: Pulaski Furniture Corp.
RP Address: 301 North Madison Ave
RP City,St,Zip: Pulaski, VA
RP Contact: Karl Reese
RP Phone number: 540-994-5214
Owner Name: Not reported
Owner address: Not reported
Owner City,St,Zip: Not reported
Owner Contact: Not reported
Owner Phone: Not reported
Incident Date: 9/1/2000
Incident Time: 2:30 PM
Petroleum: True
Construction: False
Solid Waste: False
Hazardous Waste: False
Water: False
VWPP: F
Air: False
Sewage: False
Fish Kill: False
Mat. Released: Diesel fuel
Possible Receptors: Peak Creek
Quantity Released: 50
Unit: Gallon
PULASKI FURNITURE FACILITY (Continued)

Quantity in Water: 0
Receiving Waters: Peak Creek
River Basin: New
Inspection Date: 9/1/2000
Response Due: Not reported
Response Recvd: Not reported
Warning Letter #: Not reported
Date Closed: 9/18/2000
Open: False
Topo Map ID: Not reported
Inspector: Not reported
NOV Number: Not reported
Water Permit Number: Not reported
Remediation PC Number: Not reported
Date Ref Air C/M: Not reported
Air Reg/Permit #: Not reported
Date Ref Waste C/M: Not reported
EPA Id or Permit #: Not reported
Date Ref Water C/M: Not reported
Date Ref Remediation: Not reported
Date Ref Enforcement: Not reported
Inspector Comments: see report
Incident Summary: Pulaski Furniture Corp. truck had damaged fuel tank which released 50-75 gallons of diesel fuel to gravel parking lot.
### Facility Information

- **Facility Id:** 2026452
- **Facility Type:** COMMERCIAL
- **CEDS Facility ID:** 200000090314

### Owner Information

- **Owner Id:** 30951
- **Owner Name:** CAVALIER SUPPLY COMPANY, INC
- **Owner Address:** 400 N. WASHINGTON STREET
- **Owner Address2:** Not reported
- **Owner City, State, Zip:** PULASKI, VA 24301
- **Owner Type:** COMMERCIAL
- **Number of Active AST:** 0
- **Number of Active UST:** 0
- **Number of Inactive AST:** 0
- **Number of Inactive UST:** 4

- **Owner Id:** 44727
- **Owner Name:** Eddie Hale
- **Owner Address:** 57 W Main St
- **Owner Address2:** Not reported
- **Owner City, State, Zip:** Pulaski, VA 24301
- **Owner Type:** PRIVATE
- **Number of Active AST:** 0
- **Number of Active UST:** 0
- **Number of Inactive AST:** 0
- **Number of Inactive UST:** 4

### UST Information

- **Facility ID:** 2026452
- **Federa...
CAVALIER SUPPLY COMPANY INCORPORATED (Continued) U003677964

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: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

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
CAVALIER SUPPLY COMPANY INCORPORATED (Continued) U003677964

Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
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

Pipe Type: Not reported
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
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: 2026452
Federally Regulated: Yes

Tank Number: R1
Tank Capacity: 500
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 5/1/1930
Tank Materials: Bare Steel No
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
CAVALIER SUPPLY COMPANY INCORPORATED (Continued)

<table>
<thead>
<tr>
<th>Install Date:</th>
<th>Not reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Materials: Bare Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Cath Protect Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Epoxy Steel</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Concrete</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Composite</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Lined Interior</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Excav Liner</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Insulated Tank Jacket</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Tank Materials: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**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: Interior Double Walled: No
- Pipe Release Detection: Other Method: No
- Pipe Release Detection: Other Note: Not reported
- 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
CAVALIER SUPPLY COMPANY INCORPORATED (Continued)

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 Det: Interior Double Walled: No
Pipe Release Detection: Other Method: No
Pipe Release Detection: Other Note: Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel: No
Pipe Materials: Galvanized Steel: No
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

Pipe Type: Not reported
Pipe Materials: Bare Steel: No
Pipe Materials: Galvanized Steel: No
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: 2026452
Federally Regulated: Yes
Tank Number: R2
Tank Capacity: 500
Tank Contents: GASOLINE
Tank Status: REM FROM 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
<table>
<thead>
<tr>
<th>Release Detection:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Manual Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Auto Gauge</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Tank Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Vapor Monitor</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Spill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Overfill Install</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Int Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Tank Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Leak Deferred</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Autoleak</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Release Detection: Line Tightness</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Stat Invent Recon</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Groundwater</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Int Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Interior Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Method</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Release Detection: Other Note</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Type:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Materials: Bare Steel</td>
<td>Yes</td>
</tr>
<tr>
<td>Pipe Materials: Galvanized Steel</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Copper</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Fiberglass</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Cath Protect</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Double Walled</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Sec Containment</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Repaired</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other</td>
<td>No</td>
</tr>
<tr>
<td>Pipe Materials: Other Note</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

Facility ID: 2026452
Federally Regulated: No

Tank Number: R3
Tank Capacity: 500
Tank Contents: HEATING OIL
Tank Status: REM FROM 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
CAVALIER SUPPLY COMPANY INCORPORATED (Continued) U003677964

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 No
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: Not reported
Pipe Materials: Bare Steel Yes
Pipe Materials: Galvanized Steel No
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
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Site</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>N47</td>
<td>7-11 NO. 19586</td>
<td>LUST</td>
<td>S10596670</td>
<td>N/A</td>
</tr>
<tr>
<td>NE</td>
<td>491 N.WASHINGTON AVE.</td>
<td>LUST</td>
<td>S105027891</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>PULASKI, VA -0-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.413 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2179 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative:</td>
<td>Site 2 of 2 in cluster N</td>
<td>LUST REG WC:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher</td>
<td>Region: WC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual:</td>
<td>Case Status: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1928 ft.</td>
<td>Date Reported: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Date Closed: 1993-03-17 00:00:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Release Reported: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pollution Control #: 90-1590</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case Manager: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Name: SOUTHLAND CORP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Address: 814 BAKER ROAD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner City,St,Zip: VA BEACH, VA 23462</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Phone: 804-490-1711</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O48</td>
<td>HUFF COAL AND OIL CO.</td>
<td>LUST</td>
<td>S105027891</td>
<td>N/A</td>
</tr>
<tr>
<td>ENE</td>
<td>308 N. MADISON AVE., PULASKI, VA 24321</td>
<td>LUST</td>
<td>S105027891</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>PULASKI, VA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.436 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2301 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative:</td>
<td>Site 1 of 2 in cluster O</td>
<td>LUST REG WC:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Region: WC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual:</td>
<td>Case Status: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1906 ft.</td>
<td>Date Reported: 06/15/1993</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Date Closed: 1997-01-31 00:00:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Release Reported: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pollution Control #: 93-1181N</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case Manager: Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Name: H. W. HUFF SR.ESTATE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Address: HUFF OIL P.O. BOX 887</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner City,St,Zip: PULASKI, VA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owner Phone: -0-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O49</td>
<td>HUFF PETROLEUM CO</td>
<td>LTANKS</td>
<td>S105988464</td>
<td>N/A</td>
</tr>
<tr>
<td>ENE</td>
<td>308 N. MADISON AVE., PULASKI, VA 24301</td>
<td>LTANKS</td>
<td>S105988464</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>PULASKI, VA 24301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.436 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2301 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative:</td>
<td>Site 2 of 2 in cluster O</td>
<td>LTANKS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Region: BRRO-R</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actual:</td>
<td>Case Status: Closed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1906 ft.</td>
<td>Pollution Complaint #: 19931181</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reported: 06/17/1993</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Map ID</td>
<td>Direction</td>
<td>Distance</td>
<td>Elevation</td>
<td>Site</td>
</tr>
<tr>
<td>--------</td>
<td>-----------</td>
<td>----------</td>
<td>-----------</td>
<td>------</td>
</tr>
<tr>
<td>50</td>
<td>ESE</td>
<td>0.482 mi.</td>
<td>2544 ft.</td>
<td>MS. DEBRA MATHENA RESIDENCE</td>
</tr>
<tr>
<td></td>
<td>1/4-1/2</td>
<td></td>
<td></td>
<td>228 2ND STREET S.E. PULASKI, VA 24301</td>
</tr>
<tr>
<td></td>
<td>0.482 mi.</td>
<td></td>
<td></td>
<td>2544 ft.</td>
</tr>
<tr>
<td></td>
<td>Relative:</td>
<td></td>
<td></td>
<td>Higher</td>
</tr>
<tr>
<td></td>
<td>Actual:</td>
<td></td>
<td></td>
<td>2007 ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>NE</td>
<td>0.498 mi.</td>
<td>2630 ft.</td>
<td>OLD CAR WASH SITE</td>
</tr>
<tr>
<td></td>
<td>1/4-1/2</td>
<td></td>
<td></td>
<td>50 FIFTH ST NE PULASKI, VA 24301</td>
</tr>
<tr>
<td></td>
<td>0.498 mi.</td>
<td></td>
<td></td>
<td>2630 ft.</td>
</tr>
<tr>
<td></td>
<td>Relative:</td>
<td></td>
<td></td>
<td>Higher</td>
</tr>
<tr>
<td></td>
<td>Actual:</td>
<td></td>
<td></td>
<td>1920 ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>EDR ID</td>
<td>Site Name</td>
<td>Site Address</td>
<td>Zip</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>------------------------------------------</td>
<td>---------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S118456765</td>
<td>RAS PROPERTIES LLC</td>
<td>2 &amp; 4 5TH ST</td>
<td>24301</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105872438</td>
<td>BEIJING MOTEL</td>
<td>307 5TH STREET (BEIJING MOTEL)</td>
<td>24301</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105813382</td>
<td>SPROULE BRANCH ADJ TO BEIJING MOTE</td>
<td>307 5TH ST</td>
<td>24301</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S109379220</td>
<td>PULASKI FURNITURE FACILITY PLANT 5</td>
<td>206 5TH ST</td>
<td>24301</td>
</tr>
<tr>
<td>PULASKI</td>
<td>1000158151</td>
<td></td>
<td>205 5TH STREET</td>
<td>24301</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105986684</td>
<td>PULASKI MOTOR CO.</td>
<td>E.MAIN STREET</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S106754818</td>
<td>FORMER RUTHERFORD PONTIAC DEALERSH</td>
<td>FIFTH &amp; WASHINGTON STREET</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105429555</td>
<td>BLUE RIDGE SUPPLY COMPANY</td>
<td>92 NE FIRST ST., PULASKI, VA 2</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>1004817092</td>
<td>7-11 STORE #20615</td>
<td>W. MAIN ST., PULASKI</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105987015</td>
<td>RATCLIFF MOBIL STATION GWM</td>
<td>S WASHINGTON AVENUE</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105986750</td>
<td>PULASKI BUS STATION#</td>
<td>WASHINGTON AVE.</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105986730</td>
<td>CAVIlier SUPPLY</td>
<td>WASHINGTON &amp; 5TH STS.</td>
<td>-0-</td>
</tr>
<tr>
<td>PULASKI</td>
<td>S105986653</td>
<td>NEW RIVER OIL CO.-EARL,S MOBIL</td>
<td>WASHINGTON AVE, PULASKI</td>
<td>-0-</td>
</tr>
<tr>
<td>RIDGEWAY</td>
<td>S108105961</td>
<td>PULASKI FURNITURE</td>
<td>PULASKI RD</td>
<td>24301</td>
</tr>
</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**

**Federal NPL site list**

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: 04/05/2017 | Source: EPA |
| Date Data Arrived at EDR: 04/21/2017 | Telephone: N/A |
| Date Made Active in Reports: 05/12/2017 | Last EDR Contact: 07/07/2017 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 10/16/2017 |
| | 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
  - Telephone: 214-655-6659
- EPA Region 2
  - Telephone 215-814-5418
  - Telephone: 913-551-7247
- EPA Region 3
  - Telephone 404-562-8033
  - Telephone: 303-312-6774
- EPA Region 4
  - Telephone 312-886-6686
  - Telephone: 415-947-4246
- EPA Region 5
  - Telephone 206-553-8665

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

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

| Date of Government Version: 04/05/2017 | Source: EPA |
| Date Data Arrived at EDR: 04/21/2017 | Telephone: N/A |
| Date Made Active in Reports: 05/12/2017 | Last EDR Contact: 07/07/2017 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 10/16/2017 |
| | 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.

| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 08/15/2011 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/28/2011 |
| | Data Release Frequency: No Update Planned |
Federal Delisted NPL site list

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

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 07/07/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Quarterly

Federal CERCLIS list

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

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/07/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System
SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA’s Superfund Program across the United States. The list was formerly 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.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

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.

**Federal RCRA CORRACTS facilities list**

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

**Federal RCRA non-CORRACTS TSD facilities list**

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

**Federal RCRA generators list**

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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

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: 12/28/2016
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 93

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: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101

US INST CONTROL: Sites with Institutional Controls
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: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101
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: 09/26/2016  Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/29/2016  Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2016  Last EDR Contact: 06/28/2017
Number of Days to Update: 43  Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Annually

State and tribal - equivalent CERCLIS

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

Date of Government Version: N/A  Source: Department of Environmental Quality
Date Data Arrived at EDR: N/A  Telephone: 804-698-4236
Date Made Active in Reports: N/A  Last EDR Contact: 06/19/2017
Number of Days to Update: N/A  Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: N/A

State and tribal landfill and/or solid waste disposal site lists

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: 09/10/2015  Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/11/2015  Telephone: 804-698-4238
Date Made Active in Reports: 11/09/2015  Last EDR Contact: 05/30/2017
Number of Days to Update: 59  Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

Date of Government Version: 09/06/2013  Source: Department of Environmental Quality, South Central Region
Date Data Arrived at EDR: 09/06/2013  Telephone: 434-582-5120
Date Made Active in Reports: 09/17/2013  Last EDR Contact: 08/29/2016
Number of Days to Update: 11  Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Semi-Annually

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

Date of Government Version: 06/30/2013  Source: Department of Environmental Quality Tidewater Regional Office
Date Data Arrived at EDR: 07/05/2013  Telephone: ttrofia@deq.vir
Date Made Active in Reports: 09/16/2013  Last EDR Contact: 09/26/2016
Number of Days to Update: 73  Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly
LUST REG VA: Leaking Underground Storage Tank List

Date of Government Version: 12/06/2011
Date Data Arrived at EDR: 12/08/2011
Date Made Active in Reports: 01/16/2012
Number of Days to Update: 39
Source: Department of Environmental Quality Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/04/2015
Date Data Arrived at EDR: 06/05/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 32
Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

LUST REG SW: Leaking Underground Storage Tank Database

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 09/16/2013
Number of Days to Update: 60
Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/02/2014
Date Data Arrived at EDR: 12/04/2014
Date Made Active in Reports: 01/16/2015
Number of Days to Update: 43
Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Quarterly

LUST REG NO: Leaking Underground Storage Tank Tracking Database
Leaking underground storage tank site locations. Includes: counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

Date of Government Version: 05/18/2004
Date Data Arrived at EDR: 05/22/2004
Date Made Active in Reports: 07/09/2004
Number of Days to Update: 48
Source: Department of Environmental Quality Northern Regional Office
Telephone: 703-583-3800
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies
INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

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: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.
Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada.
Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly
LTANKS: Leaking Petroleum Storage Tanks
Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

Date of Government Version: 02/03/2017  Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/01/2017  Telephone: 804-698-4010
Date Made Active in Reports: 06/01/2017  Last EDR Contact: 06/01/2017
Number of Days to Update: 92  Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  Source: FEMA
Date Data Arrived at EDR: 02/16/2010  Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010  Last EDR Contact: 07/14/2017
Number of Days to Update: 55  Next Scheduled EDR Contact: 10/23/2017
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: 02/03/2017  Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/01/2017  Telephone: 804-698-4010
Date Made Active in Reports: 05/31/2017  Last EDR Contact: 06/01/2017
Number of Days to Update: 91  Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 02/03/2017  Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/01/2017  Telephone: 804-698-4010
Date Made Active in Reports: 05/31/2017  Last EDR Contact: 06/01/2017
Number of Days to Update: 91  Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/01/2016  Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017  Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017  Last EDR Contact: 04/28/2017
Number of Days to Update: 99  Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

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: 09/01/2016  Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017  Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017  Last EDR Contact: 04/28/2017
Number of Days to Update: 99  Next Scheduled EDR Contact: 08/07/2017
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).

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>10/17/2016</th>
<th>Source: EPA Region 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR:</td>
<td>01/26/2017</td>
<td>Telephone: 303-312-6137</td>
</tr>
<tr>
<td>Date Made Active in Reports:</td>
<td>05/05/2017</td>
<td>Last EDR Contact: 04/28/2017</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>99</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td></td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

## 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).

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>01/14/2017</th>
<th>Source: EPA Region 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR:</td>
<td>01/26/2017</td>
<td>Telephone: 312-886-6136</td>
</tr>
<tr>
<td>Date Made Active in Reports:</td>
<td>05/05/2017</td>
<td>Last EDR Contact: 04/28/2017</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>99</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td></td>
<td>Varies</td>
</tr>
</tbody>
</table>

## 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).

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>10/06/2016</th>
<th>Source: EPA Region 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR:</td>
<td>01/26/2017</td>
<td>Telephone: 415-972-3368</td>
</tr>
<tr>
<td>Date Made Active in Reports:</td>
<td>05/05/2017</td>
<td>Last EDR Contact: 04/28/2017</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>99</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td></td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>10/07/2016</th>
<th>Source: EPA Region 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR:</td>
<td>01/26/2017</td>
<td>Telephone: 206-553-2857</td>
</tr>
<tr>
<td>Date Made Active in Reports:</td>
<td>05/05/2017</td>
<td>Last EDR Contact: 04/28/2017</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>99</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td></td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

## 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)

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>10/14/2016</th>
<th>Source: EPA Region 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR:</td>
<td>01/27/2017</td>
<td>Telephone: 404-562-9424</td>
</tr>
<tr>
<td>Date Made Active in Reports:</td>
<td>05/05/2017</td>
<td>Last EDR Contact: 04/28/2017</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>98</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td></td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

## 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).

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>11/14/2016</th>
<th>Source: EPA, Region 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR:</td>
<td>01/26/2017</td>
<td>Telephone: 617-918-1313</td>
</tr>
<tr>
<td>Date Made Active in Reports:</td>
<td>05/05/2017</td>
<td>Last EDR Contact: 04/28/2017</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>99</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td></td>
<td>Varies</td>
</tr>
</tbody>
</table>
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: 04/20/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 06/02/2017
Number of Days to Update: 42
Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 07/10/2017
Next Scheduled EDR Contact: 10/09/2017
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: 04/20/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 06/02/2017
Number of Days to Update: 42
Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 07/10/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/27/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
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: 04/20/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 06/02/2017
Number of Days to Update: 42
Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 07/10/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

State and tribal Brownfields 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.
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.

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.

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.

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.

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

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.

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.

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.

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.
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.

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.

SPILLS BRL: Prep/Spills Database Listing

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

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.

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.

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.
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 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
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/16/2010
Number of Days to Update: 25
Source: Department of Environmental Quality, Southwest Region
Telephone: 276-676-4839
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/17/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 13
Source: Department of Environmental Quality, Tidewater Region
Telephone: trofoia@deq.vir
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

SPILLS 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.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Varies

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.
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.

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.

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.

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.

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.
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: 02/01/2017  Date Data Arrived at EDR: 02/09/2017  Date Made Active in Reports: 04/07/2017  Number of Days to Update: 57
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/25/2013  Date Data Arrived at EDR: 10/17/2014  Date Made Active in Reports: 10/20/2014  Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2017
Next Scheduled EDR Contact: 08/21/2017
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: 01/20/2016  Date Data Arrived at EDR: 04/28/2016  Date Made Active in Reports: 09/02/2016  Number of Days to Update: 127
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/07/2017
Next Scheduled EDR Contact: 10/23/2017
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: 09/04/2017
Data Release Frequency: Quarterly

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
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: 09/04/2017
Data Release Frequency: Quarterly

Source: EPA
Telephone: 202-566-1667

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: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

Source: Department of Energy
Telephone: 202-586-8719

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: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: 202-566-0517

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.
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.

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

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

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

Date of Government Version: 12/31/2014  Source: USGS
Date Data Arrived at EDR: 07/14/2015  Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017  Last EDR Contact: 07/11/2017
Number of Days to Update: 546  Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/23/2016  Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016  Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017  Last EDR Contact: 05/05/2017
Number of Days to Update: 52  Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

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

Date of Government Version: 09/14/2010  Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011  Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012  Last EDR Contact: 05/22/2017
Number of Days to Update: 146  Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

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

Date of Government Version: 12/05/2016  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017  Telephone: 703-603-8787
Date Made Active in Reports: 02/10/2017  Last EDR Contact: 07/07/2017
Number of Days to Update: 36  Next Scheduled EDR Contact: 10/16/2017
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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

US AIRS (AFS):  Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.
<table>
<thead>
<tr>
<th>Data Source</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>US AIRS MINOR: Air Facility System Data</td>
<td>10/12/2016</td>
<td>10/26/2016</td>
<td>02/03/2017</td>
<td>100</td>
<td>EPA</td>
<td>202-564-2496</td>
<td>06/21/2017</td>
<td>10/09/2017</td>
<td>Annually</td>
</tr>
<tr>
<td>US MINES: Mines Master Index File</td>
<td>02/08/2017</td>
<td>02/28/2017</td>
<td>04/07/2017</td>
<td>38</td>
<td>Department of Labor, Mine Safety and Health Administration</td>
<td>303-231-5959</td>
<td>05/31/2017</td>
<td>09/11/2017</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>ABANDONED MINES: Abandoned Mines</td>
<td>03/14/2017</td>
<td>03/17/2017</td>
<td>04/07/2017</td>
<td>21</td>
<td>Department of Interior</td>
<td>202-208-2609</td>
<td>06/09/2017</td>
<td>09/25/2017</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>
FINDS: Facility Index System/Facility Registry 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).

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

ECHO: Enforcement & Compliance History Information

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

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.
CEDS: Comprehensive Environmental Data System
Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.
Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/15/2016
Date Made Active in Reports: 02/14/2017
Number of Days to Update: 61
Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Semi-Annually

COAL ASH: Coal Ash Disposal Sites
A listing of facilities with coal ash impoundments.
Date of Government Version: 07/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 08/21/2009
Number of Days to Update: 21
Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List
A listing of registered drycleaners.
Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/28/2016
Date Made Active in Reports: 01/09/2017
Number of Days to Update: 73
Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 07/10/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data
A listing of enforcement actions.
Date of Government Version: 03/23/2017
Date Data Arrived at EDR: 03/24/2017
Date Made Active in Reports: 05/31/2017
Number of Days to Update: 68
Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 06/19/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

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.
Date of Government Version: 05/02/2017
Date Data Arrived at EDR: 05/04/2017
Date Made Active in Reports: 06/02/2017
Number of Days to Update: 29
Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information listing
Solid waste financial assurance information.
Date of Government Version: 05/04/2017
Date Data Arrived at EDR: 05/09/2017
Date Made Active in Reports: 05/31/2017
Number of Days to Update: 22
Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
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.
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.

EDR Hist Auto: EDR Exclusive Historic Gas 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.

EDR Hist Cleaner: EDR Exclusive Historic Dry 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.
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/10/2017
Next Scheduled EDR Contact: 10/23/2017
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: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123
Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/17/2017
Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/12/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

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

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.
EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal 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 SSE

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>
</tr>
</thead>
<tbody>
<tr>
<td>51155C0141C</td>
<td>FEMA FIRM Flood data</td>
</tr>
<tr>
<td>Additional Panels in search area:</td>
<td></td>
</tr>
<tr>
<td>51155C0142C</td>
<td>FEMA FIRM Flood data</td>
</tr>
</tbody>
</table>

NATIONAL WETLAND INVENTORY

- NWI Quad at Target Property
- PULASKI

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

<table>
<thead>
<tr>
<th>Era:</th>
<th>Paleozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td>System:</td>
<td>Cambrian</td>
</tr>
<tr>
<td>Series:</td>
<td>Cambrian</td>
</tr>
<tr>
<td>Code:</td>
<td>C</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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CHILHOWIE
Soil Surface Texture: silty clay 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: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel: HIGH
Depth to Bedrock Min: > 20 inches
Depth to Bedrock Max: > 40 inches
### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Unified Soil</th>
<th>Permeability Rate (in/hr)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>5 inches</td>
<td>silt-clay loam</td>
<td></td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>Max: 2.00</td>
<td>Max: 8.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 0.60</td>
<td>Min: 6.10</td>
</tr>
<tr>
<td>2</td>
<td>5 inches</td>
<td>13 inches</td>
<td>clay</td>
<td></td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>Max: 0.20</td>
<td>Max: 8.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 0.06</td>
<td>Min: 6.10</td>
</tr>
<tr>
<td>3</td>
<td>13 inches</td>
<td>25 inches</td>
<td>extremely channery - clay</td>
<td></td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>Max: 0.20</td>
<td>Max: 8.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 0.06</td>
<td>Min: 6.60</td>
</tr>
<tr>
<td>4</td>
<td>25 inches</td>
<td>29 inches</td>
<td>unweathered bedrock</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 20.00</td>
<td>Max: 0.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 2.00</td>
<td>Min: 0.00</td>
</tr>
</tbody>
</table>

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

- **Soil Surface Textures:** silty clay
  - silt loam
  - unweathered bedrock

- **Surficial Soil Types:** silty clay
  - silt loam
  - unweathered bedrock

- **Shallow Soil Types:** silty clay loam
  - silty clay

- **Deeper Soil Types:** clay

### 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>
</tr>
</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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Wells Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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>1</td>
<td>VA1155491</td>
<td>1/4 - 1/2 Mile ENE</td>
</tr>
</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>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Wells Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Location Information:

**Name:** MILLIROAD SUBDIVISION  
**Pwstypcd:** CWS  
**Primsrccd:** GW  
**Pop served:** 32  
**City:** PULASKI  
**Zip:** 24301  
**Cityserv:** PULASKI  
**State serv:** Not Reported  
**Zipserv:** VA  
**Pwsname:** MILLIROAD SUBDIVISION  
**Pwsid:** VA1155491  
**Date Initiated:** 7611  
**Date Deactivated:** Not Reported  
**Zip served:** VA  
**City served:** MILLIROAD SUBDIVISION  
**State served:** VA  
**Cntyserv:** Not Reported  
**Owner:** Private  
**Status:** Closed  
**Source:** Groundwater  
**Fips county:** 51155  
**Pop srvd:** 32  
**Activity code:** I  
**Contact phone:** 703-980-7467  
**Contact address1:** MILLIROAD SUBDIVISION  
**Contact address2:** ROUTE#99 C/O CLEM MILSTEAD  
**Contact city:** PULASKI  
**Contact state:** VA  
**Contact zip:** 24301  

## Map ID

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ENE</td>
<td>1/4 - 1/2 Mile</td>
<td>Lower</td>
<td>Lower</td>
<td>FRDS PWS</td>
<td>VA1155491</td>
</tr>
</tbody>
</table>
EPA Region 3 Statistical Summary Readings for Zip Code: 24301

Number of sites tested: 223.

Maximum Radon Level: 36.7 pCi/L.  
Minimum Radon Level: 0.5 pCi/L.

<table>
<thead>
<tr>
<th>pCi/L</th>
<th>&lt;4</th>
<th>4-10</th>
<th>10-20</th>
<th>20-50</th>
<th>50-100</th>
<th>&gt;100</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120</td>
<td>57</td>
<td>35</td>
<td>11</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(53.81%)</td>
<td>(25.56%)</td>
<td>(15.70%)</td>
<td>(4.93%)</td>
<td>(0.00%)</td>
<td>(0.00%)</td>
</tr>
</tbody>
</table>

Federal EPA Radon Zone for PULASKI County: 1

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

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

STATE RECORDS

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 IRAA 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
DISCLAIMER: Information contained on this map is to be used for reference purposes only. The VA Dept. of Environmental Quality makes no representation of warranty as to this map's accuracy, and in particular, its accuracy in labeling, dimensions, contours, property boundaries, or placement or location of any map features thereon. No responsibility is assumed for damages or other liabilities due to the accuracy, availability, use or misuse of the information herein provided.
Custom Soil Resource Report for Pulaski County, Virginia
15 Randolph Avenue, Pulaski, VA

August 6, 2017
Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual’s income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require
alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.
Contents

Preface ........................................................................................................................................... 2
How Soil Surveys Are Made ........................................................................................................ 5
Soil Map ...................................................................................................................................... 8
  Soil Map ............................................................................................................................... 9
  Legend ..................................................................................................................................... 10
Map Unit Legend .......................................................................................................................... 11
Map Unit Descriptions ............................................................................................................. 11
  Pulaski County, Virginia ....................................................................................................... 13
  33—Urban land .................................................................................................................... 13
References ....................................................................................................................................... 14
Glossary ....................................................................................................................................... 16
How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil
scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and
identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.
The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: [Web Soil Survey](https://soils.usda.gov/soilweb/)
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Pulaski County, Virginia
Survey Area Data: Version 11, Sep 21, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 11, 2010—Mar 17, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.
Map Unit Legend

<table>
<thead>
<tr>
<th>Map Unit Symbol</th>
<th>Map Unit Name</th>
<th>Acres in AOI</th>
<th>Percent of AOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Urban land</td>
<td>0.3</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

Totals for Area of Interest

0.3 100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.
An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a soil series. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into soil phases. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A complex consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An undifferentiated group is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include miscellaneous areas. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.
Pulaski County, Virginia

33—Urban land

Map Unit Setting
National map unit symbol: khfp
Mean annual precipitation: 31 to 42 inches
Mean annual air temperature: 52 to 55 degrees F
Frost-free period: 160 to 200 days
Farmland classification: Not prime farmland

Map Unit Composition
Urban land: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.
References


Custom Soil Resource Report


Glossary

Many of the terms relating to landforms, geology, and geomorphology are defined in more detail in the "National Soil Survey Handbook."

**ABC soil**
A soil having an A, a B, and a C horizon.

**Ablation till**
Loose, relatively permeable earthy material deposited during the downwasting of nearly static glacial ice, either contained within or accumulated on the surface of the glacier.

**AC soil**
A soil having only an A and a C horizon. Commonly, such soil formed in recent alluvium or on steep, rocky slopes.

**Aeration, soil**
The exchange of air in soil with air from the atmosphere. The air in a well aerated soil is similar to that in the atmosphere; the air in a poorly aerated soil is considerably higher in carbon dioxide and lower in oxygen.

**Aggregate, soil**
Many fine particles held in a single mass or cluster. Natural soil aggregates, such as granules, blocks, or prisms, are called peds. Clods are aggregates produced by tillage or logging.

**Alkali (sodic) soil**
A soil having so high a degree of alkalinity (pH 8.5 or higher) or so high a percentage of exchangeable sodium (15 percent or more of the total exchangeable bases), or both, that plant growth is restricted.

**Alluvial cone**
A semiconical type of alluvial fan having very steep slopes. It is higher, narrower, and steeper than a fan and is composed of coarser and thicker layers of material deposited by a combination of alluvial episodes and (to a much lesser degree) landslides (debris flow). The coarsest materials tend to be concentrated at the apex of the cone.
Alluvial fan
A low, outspread mass of loose materials and/or rock material, commonly with gentle slopes. It is shaped like an open fan or a segment of a cone. The material was deposited by a stream at the place where it issues from a narrow mountain valley or upland valley or where a tributary stream is near or at its junction with the main stream. The fan is steepest near its apex, which points upstream, and slopes gently and convexly outward (downstream) with a gradual decrease in gradient.

Alluvium
Unconsolidated material, such as gravel, sand, silt, clay, and various mixtures of these, deposited on land by running water.

Alpha, alpha-dipyridyl
A compound that when dissolved in ammonium acetate is used to detect the presence of reduced iron (Fe II) in the soil. A positive reaction implies reducing conditions and the likely presence of redoximorphic features.

Animal unit month (AUM)
The amount of forage required by one mature cow of approximately 1,000 pounds weight, with or without a calf, for 1 month.

Aquic conditions
Current soil wetness characterized by saturation, reduction, and redoximorphic features.

Argillic horizon
A subsoil horizon characterized by an accumulation of illuvial clay.

Arroyo
The flat-floored channel of an ephemeral stream, commonly with very steep to vertical banks cut in unconsolidated material. It is usually dry but can be transformed into a temporary watercourse or short-lived torrent after heavy rain within the watershed.

Aspect
The direction toward which a slope faces. Also called slope aspect.

Association, soil
A group of soils or miscellaneous areas geographically associated in a characteristic repeating pattern and defined and delineated as a single map unit.

Available water capacity (available moisture capacity)
The capacity of soils to hold water available for use by most plants. It is commonly defined as the difference between the amount of soil water at field moisture capacity and the amount at wilting point. It is commonly expressed as inches of water per inch of soil. The capacity, in inches, in a 60-inch profile or to a limiting layer is expressed as:
**Very low:** 0 to 3
**Low:** 3 to 6
**Moderate:** 6 to 9
**High:** 9 to 12
**Very high:** More than 12

**Backslope**

The position that forms the steepest and generally linear, middle portion of a hillslope. In profile, backslopes are commonly bounded by a convex shoulder above and a concave footslope below.

**Backswamp**

A flood-plain landform. Extensive, marshy or swampy, depressed areas of flood plains between natural levees and valley sides or terraces.

**Badland**

A landscape that is intricately dissected and characterized by a very fine drainage network with high drainage densities and short, steep slopes and narrow interfluves. Badlands develop on surfaces that have little or no vegetative cover overlying unconsolidated or poorly cemented materials (clays, silts, or sandstones) with, in some cases, soluble minerals, such as gypsum or halite.

**Bajada**

A broad, gently inclined alluvial piedmont slope extending from the base of a mountain range out into a basin and formed by the lateral coalescence of a series of alluvial fans. Typically, it has a broadly undulating transverse profile, parallel to the mountain front, resulting from the convexities of component fans. The term is generally restricted to constructional slopes of intermontane basins.

**Basal area**

The area of a cross section of a tree, generally referring to the section at breast height and measured outside the bark. It is a measure of stand density, commonly expressed in square feet.

**Base saturation**

The degree to which material having cation-exchange properties is saturated with exchangeable bases (sum of Ca, Mg, Na, and K), expressed as a percentage of the total cation-exchange capacity.

**Base slope (geomorphology)**

A geomorphic component of hills consisting of the concave to linear (perpendicular to the contour) slope that, regardless of the lateral shape, forms an apron or wedge at the bottom of a hillside dominated by colluvium and slope-wash sediments (for example, slope alluvium).

**Bedding plane**

A planar or nearly planar bedding surface that visibly separates each successive layer of stratified sediment or rock (of the same or different lithology)
from the preceding or following layer; a plane of deposition. It commonly marks a change in the circumstances of deposition and may show a parting, a color difference, a change in particle size, or various combinations of these. The term is commonly applied to any bedding surface, even one that is conspicuously bent or deformed by folding.

**Bedding system**

A drainage system made by plowing, grading, or otherwise shaping the surface of a flat field. It consists of a series of low ridges separated by shallow, parallel dead furrows.

**Bedrock**

The solid rock that underlies the soil and other unconsolidated material or that is exposed at the surface.

**Bedrock-controlled topography**

A landscape where the configuration and relief of the landforms are determined or strongly influenced by the underlying bedrock.

**Bench terrace**

A raised, level or nearly level strip of earth constructed on or nearly on a contour, supported by a barrier of rocks or similar material, and designed to make the soil suitable for tillage and to prevent accelerated erosion.

**Bisequum**

Two sequences of soil horizons, each of which consists of an illuvial horizon and the overlying eluvial horizons.

**Blowout (map symbol)**

A saucer-, cup-, or trough-shaped depression formed by wind erosion on a preexisting dune or other sand deposit, especially in an area of shifting sand or loose soil or where protective vegetation is disturbed or destroyed. The adjoining accumulation of sand derived from the depression, where recognizable, is commonly included. Blowouts are commonly small.

**Borrow pit (map symbol)**

An open excavation from which soil and underlying material have been removed, usually for construction purposes.

**Bottom land**

An informal term loosely applied to various portions of a flood plain.

**Boulders**

Rock fragments larger than 2 feet (60 centimeters) in diameter.

**Breaks**

A landscape or tract of steep, rough or broken land dissected by ravines and gullies and marking a sudden change in topography.
Breast height
An average height of 4.5 feet above the ground surface; the point on a tree where diameter measurements are ordinarily taken.

Brush management
Use of mechanical, chemical, or biological methods to make conditions favorable for reseeding or to reduce or eliminate competition from woody vegetation and thus allow understory grasses and forbs to recover. Brush management increases forage production and thus reduces the hazard of erosion. It can improve the habitat for some species of wildlife.

Butte
An isolated, generally flat-topped hill or mountain with relatively steep slopes and talus or precipitous cliffs and characterized by summit width that is less than the height of bounding escarpments; commonly topped by a caprock of resistant material and representing an erosion remnant carved from flat-lying rocks.

Cable yarding
A method of moving felled trees to a nearby central area for transport to a processing facility. Most cable yarding systems involve use of a drum, a pole, and wire cables in an arrangement similar to that of a rod and reel used for fishing. To reduce friction and soil disturbance, felled trees generally are reeled in while one end is lifted or the entire log is suspended.

Calcareous soil
A soil containing enough calcium carbonate (commonly combined with magnesium carbonate) to effervesce visibly when treated with cold, dilute hydrochloric acid.

Caliche
A general term for a prominent zone of secondary carbonate accumulation in surficial materials in warm, subhumid to arid areas. Caliche is formed by both geologic and pedologic processes. Finely crystalline calcium carbonate forms a nearly continuous surface-coating and void-filling medium in geologic (parent) materials. Cementation ranges from weak in nonindurated forms to very strong in indurated forms. Other minerals (e.g., carbonates, silicate, and sulfate) may occur as accessory cements. Most petrocalcic horizons and some calcic horizons are caliche.

California bearing ratio (CBR)
The load-supporting capacity of a soil as compared to that of standard crushed limestone, expressed as a ratio. First standardized in California. A soil having a CBR of 16 supports 16 percent of the load that would be supported by standard crushed limestone, per unit area, with the same degree of distortion.

Canopy
The leafy crown of trees or shrubs. (See Crown.)
Canyon
A long, deep, narrow valley with high, precipitous walls in an area of high local relief.

Capillary water
Water held as a film around soil particles and in tiny spaces between particles. Surface tension is the adhesive force that holds capillary water in the soil.

Catena
A sequence, or “chain,” of soils on a landscape that formed in similar kinds of parent material and under similar climatic conditions but that have different characteristics as a result of differences in relief and drainage.

Cation
An ion carrying a positive charge of electricity. The common soil cations are calcium, potassium, magnesium, sodium, and hydrogen.

Cation-exchange capacity
The total amount of exchangeable cations that can be held by the soil, expressed in terms of milliequivalents per 100 grams of soil at neutrality (pH 7.0) or at some other stated pH value. The term, as applied to soils, is synonymous with base-exchange capacity but is more precise in meaning.

Catsteps
See Terracettes.

Cement rock
Shaly limestone used in the manufacture of cement.

Channery soil material
Soil material that has, by volume, 15 to 35 percent thin, flat fragments of sandstone, shale, slate, limestone, or schist as much as 6 inches (15 centimeters) along the longest axis. A single piece is called a channer.

Chemical treatment
Control of unwanted vegetation through the use of chemicals.

Chiseling
Tillage with an implement having one or more soil-penetrating points that shatter or loosen hard, compacted layers to a depth below normal plow depth.

Cirque
A steep-walled, semicircular or crescent-shaped, half-bowl-like recess or hollow, commonly situated at the head of a glaciated mountain valley or high on the side of a mountain. It was produced by the erosive activity of a mountain glacier. It commonly contains a small round lake (tarn).
Clay

As a soil separate, the mineral soil particles less than 0.002 millimeter in diameter. As a soil textural class, soil material that is 40 percent or more clay, less than 45 percent sand, and less than 40 percent silt.

Clay depletions

See Redoximorphic features.

Clay film

A thin coating of oriented clay on the surface of a soil aggregate or lining pores or root channels. Synonyms: clay coating, clay skin.

Clay spot (map symbol)

A spot where the surface texture is silty clay or clay in areas where the surface layer of the soils in the surrounding map unit is sandy loam, loam, silt loam, or coarser.

Claypan

A dense, compact subsoil layer that contains much more clay than the overlying materials, from which it is separated by a sharply defined boundary. The layer restricts the downward movement of water through the soil. A claypan is commonly hard when dry and plastic and sticky when wet.

Climax plant community

The stabilized plant community on a particular site. The plant cover reproduces itself and does not change so long as the environment remains the same.

Coarse textured soil

Sand or loamy sand.

Cobble (or cobblestone)

A rounded or partly rounded fragment of rock 3 to 10 inches (7.6 to 25 centimeters) in diameter.

Cobbly soil material

Material that has 15 to 35 percent, by volume, rounded or partially rounded rock fragments 3 to 10 inches (7.6 to 25 centimeters) in diameter. Very cobbly soil material has 35 to 60 percent of these rock fragments, and extremely cobbly soil material has more than 60 percent.

COLE (coefficient of linear extensibility)

See Linear extensibility.

Colluvium

Unconsolidated, unsorted earth material being transported or deposited on side slopes and/or at the base of slopes by mass movement (e.g., direct gravitational action) and by local, unconcentrated runoff.
Complex slope
Irregular or variable slope. Planning or establishing terraces, diversions, and other water-control structures on a complex slope is difficult.

Complex, soil
A map unit of two or more kinds of soil or miscellaneous areas in such an intricate pattern or so small in area that it is not practical to map them separately at the selected scale of mapping. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas.

Concretions
See Redoximorphic features.

Conglomerate
A coarse grained, clastic sedimentary rock composed of rounded or subangular rock fragments more than 2 millimeters in diameter. It commonly has a matrix of sand and finer textured material. Conglomerate is the consolidated equivalent of gravel.

Conservation cropping system
Growing crops in combination with needed cultural and management practices. In a good conservation cropping system, the soil-improving crops and practices more than offset the effects of the soil-depleting crops and practices. Cropping systems are needed on all tilled soils. Soil-improving practices in a conservation cropping system include the use of rotations that contain grasses and legumes and the return of crop residue to the soil. Other practices include the use of green manure crops of grasses and legumes, proper tillage, adequate fertilization, and weed and pest control.

Conservation tillage
A tillage system that does not invert the soil and that leaves a protective amount of crop residue on the surface throughout the year.

Consistence, soil
Refers to the degree of cohesion and adhesion of soil material and its resistance to deformation when ruptured. Consistence includes resistance of soil material to rupture and to penetration; plasticity, toughness, and stickiness of puddled soil material; and the manner in which the soil material behaves when subject to compression. Terms describing consistence are defined in the “Soil Survey Manual.”

Contour stripcropping
Growing crops in strips that follow the contour. Strips of grass or close-growing crops are alternated with strips of clean-tilled crops or summer fallow.

Control section
The part of the soil on which classification is based. The thickness varies among different kinds of soil, but for many it is that part of the soil profile between depths of 10 inches and 40 or 80 inches.
Coprogenous earth (sedimentary peat)
A type of limnic layer composed predominantly of fecal material derived from aquatic animals.

Corrosion (geomorphology)
A process of erosion whereby rocks and soil are removed or worn away by natural chemical processes, especially by the solvent action of running water, but also by other reactions, such as hydrolysis, hydration, carbonation, and oxidation.

Corrosion (soil survey interpretations)
Soil-induced electrochemical or chemical action that dissolves or weakens concrete or uncoated steel.

Cover crop
A close-growing crop grown primarily to improve and protect the soil between periods of regular crop production, or a crop grown between trees and vines in orchards and vineyards.

Crop residue management
Returning crop residue to the soil, which helps to maintain soil structure, organic matter content, and fertility and helps to control erosion.

Cropping system
Growing crops according to a planned system of rotation and management practices.

Cross-slope farming
Deliberately conducting farming operations on sloping farmland in such a way that tillage is across the general slope.

Crown
The upper part of a tree or shrub, including the living branches and their foliage.

Cryoturbate
A mass of soil or other unconsolidated earthy material moved or disturbed by frost action. It is typically coarser than the underlying material.

Cuesta
An asymmetric ridge capped by resistant rock layers of slight or moderate dip (commonly less than 15 percent slopes); a type of homocline produced by differential erosion of interbedded resistant and weak rocks. A cuesta has a long, gentle slope on one side (dip slope) that roughly parallels the inclined beds; on the other side, it has a relatively short and steep or clifflike slope (scarp) that cuts through the tilted rocks.
Culmination of the mean annual increment (CMAI)

The average annual increase per acre in the volume of a stand. Computed by dividing the total volume of the stand by its age. As the stand increases in age, the mean annual increment continues to increase until mortality begins to reduce the rate of increase. The point where the stand reaches its maximum annual rate of growth is called the culmination of the mean annual increment.

Cutbanks cave

The walls of excavations tend to cave in or slough.

Decreasers

The most heavily grazed climax range plants. Because they are the most palatable, they are the first to be destroyed by overgrazing.

Deferred grazing

Postponing grazing or resting grazing land for a prescribed period.

Delta

A body of alluvium having a surface that is fan shaped and nearly flat; deposited at or near the mouth of a river or stream where it enters a body of relatively quiet water, generally a sea or lake.

Dense layer

A very firm, massive layer that has a bulk density of more than 1.8 grams per cubic centimeter. Such a layer affects the ease of digging and can affect filling and compacting.

Depression, closed (map symbol)

A shallow, saucer-shaped area that is slightly lower on the landscape than the surrounding area and that does not have a natural outlet for surface drainage.

Depth, soil

Generally, the thickness of the soil over bedrock. Very deep soils are more than 60 inches deep over bedrock; deep soils, 40 to 60 inches; moderately deep, 20 to 40 inches; shallow, 10 to 20 inches; and very shallow, less than 10 inches.

Desert pavement

A natural, residual concentration or layer of wind-polished, closely packed gravel, boulders, and other rock fragments mantling a desert surface. It forms where wind action and sheetwash have removed all smaller particles or where rock fragments have migrated upward through sediments to the surface. It typically protects the finer grained underlying material from further erosion.

Diatomaceous earth

A geologic deposit of fine, grayish siliceous material composed chiefly or entirely of the remains of diatoms.
Dip slope
A slope of the land surface, roughly determined by and approximately conforming to the dip of the underlying bedrock.

Diversion (or diversion terrace)
A ridge of earth, generally a terrace, built to protect downslope areas by diverting runoff from its natural course.

Divided-slope farming
A form of field stripcropping in which crops are grown in a systematic arrangement of two strips, or bands, across the slope to reduce the hazard of water erosion. One strip is in a close-growing crop that provides protection from erosion, and the other strip is in a crop that provides less protection from erosion. This practice is used where slopes are not long enough to permit a full stripcropping pattern to be used.

Drainage class (natural)
Refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized—excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the “Soil Survey Manual.”

Drainage, surface
Runoff, or surface flow of water, from an area.

Drainageway
A general term for a course or channel along which water moves in draining an area. A term restricted to relatively small, linear depressions that at some time move concentrated water and either do not have a defined channel or have only a small defined channel.

Draw
A small stream valley that generally is shallower and more open than a ravine or gulch and that has a broader bottom. The present stream channel may appear inadequate to have cut the drainageway that it occupies.

Drift
A general term applied to all mineral material (clay, silt, sand, gravel, and boulders) transported by a glacier and deposited directly by or from the ice or transported by running water emanating from a glacier. Drift includes unstratified material (till) that forms moraines and stratified deposits that form outwash plains, eskers, kames, varves, and glaciofluvial sediments. The term is generally applied to Pleistocene glacial deposits in areas that no longer contain glaciers.
Drumlin
A low, smooth, elongated oval hill, mound, or ridge of compact till that has a core of bedrock or drift. It commonly has a blunt nose facing the direction from which the ice approached and a gentler slope tapering in the other direction. The longer axis is parallel to the general direction of glacier flow. Drumlins are products of streamline (laminar) flow of glaciers, which molded the subglacial floor through a combination of erosion and deposition.

Duff
A generally firm organic layer on the surface of mineral soils. It consists of fallen plant material that is in the process of decomposition and includes everything from the litter on the surface to underlying pure humus.

Dune
A low mound, ridge, bank, or hill of loose, windblown granular material (generally sand), either barren and capable of movement from place to place or covered and stabilized with vegetation but retaining its characteristic shape.

Earthy fill
See Mine spoil.

Ecological site
An area where climate, soil, and relief are sufficiently uniform to produce a distinct natural plant community. An ecological site is the product of all the environmental factors responsible for its development. It is typified by an association of species that differ from those on other ecological sites in kind and/or proportion of species or in total production.

Eluviation
The movement of material in true solution or colloidal suspension from one place to another within the soil. Soil horizons that have lost material through eluviation are eluvial; those that have received material are illuvial.

Endosaturation
A type of saturation of the soil in which all horizons between the upper boundary of saturation and a depth of 2 meters are saturated.

Eolian deposit
Sand-, silt-, or clay-sized clastic material transported and deposited primarily by wind, commonly in the form of a dune or a sheet of sand or loess.

Ephemeral stream
A stream, or reach of a stream, that flows only in direct response to precipitation. It receives no long-continued supply from melting snow or other source, and its channel is above the water table at all times.
Episaturation
A type of saturation indicating a perched water table in a soil in which saturated layers are underlain by one or more unsaturated layers within 2 meters of the surface.

Erosion
The wearing away of the land surface by water, wind, ice, or other geologic agents and by such processes as gravitational creep.

Erosion (accelerated)
Erosion much more rapid than geologic erosion, mainly as a result of human or animal activities or of a catastrophe in nature, such as a fire, that exposes the surface.

Erosion (geologic)
Erosion caused by geologic processes acting over long geologic periods and resulting in the wearing away of mountains and the building up of such landscape features as flood plains and coastal plains. Synonym: natural erosion.

Erosion pavement
A surficial lag concentration or layer of gravel and other rock fragments that remains on the soil surface after sheet or rill erosion or wind has removed the finer soil particles and that tends to protect the underlying soil from further erosion.

Erosion surface
A land surface shaped by the action of erosion, especially by running water.

Escarperment
A relatively continuous and steep slope or cliff breaking the general continuity of more gently sloping land surfaces and resulting from erosion or faulting. Most commonly applied to cliffs produced by differential erosion. Synonym: scarp.

Escarperment, bedrock (map symbol)
A relatively continuous and steep slope or cliff, produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.

Escarperment, nonbedrock (map symbol)
A relatively continuous and steep slope or cliff, generally produced by erosion but in some places produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.

Esker
A long, narrow, sinuous, steep-sided ridge of stratified sand and gravel deposited as the bed of a stream flowing in an ice tunnel within or below the ice (subglacial) or between ice walls on top of the ice of a wasting glacier and left
behind as high ground when the ice melted. Eskers range in length from less than a kilometer to more than 160 kilometers and in height from 3 to 30 meters.

**Extrusive rock**

Igneous rock derived from deep-seated molten matter (magma) deposited and cooled on the earth's surface.

**Fallow**

Cropland left idle in order to restore productivity through accumulation of moisture. Summer fallow is common in regions of limited rainfall where cereal grain is grown. The soil is tilled for at least one growing season for weed control and decomposition of plant residue.

**Fan remnant**

A general term for landforms that are the remaining parts of older fan landforms, such as alluvial fans, that have been either dissected or partially buried.

**Fertility, soil**

The quality that enables a soil to provide plant nutrients, in adequate amounts and in proper balance, for the growth of specified plants when light, moisture, temperature, tilth, and other growth factors are favorable.

**Fibric soil material (peat)**

The least decomposed of all organic soil material. Peat contains a large amount of well preserved fiber that is readily identifiable according to botanical origin. Peat has the lowest bulk density and the highest water content at saturation of all organic soil material.

**Field moisture capacity**

The moisture content of a soil, expressed as a percentage of the ovendry weight, after the gravitational, or free, water has drained away; the field moisture content 2 or 3 days after a soaking rain; also called normal field capacity, normal moisture capacity, or capillary capacity.

**Fill slope**

A sloping surface consisting of excavated soil material from a road cut. It commonly is on the downhill side of the road.

**Fine textured soil**

Sandy clay, silty clay, or clay.

**Firebreak**

An area cleared of flammable material to stop or help control creeping or running fires. It also serves as a line from which to work and to facilitate the movement of firefighters and equipment. Designated roads also serve as firebreaks.
**First bottom**
An obsolete, informal term loosely applied to the lowest flood-plain steps that are subject to regular flooding.

**Flaggy soil material**
Material that has, by volume, 15 to 35 percent flagstones. Very flaggy soil material has 35 to 60 percent flagstones, and extremely flaggy soil material has more than 60 percent flagstones.

**Flagstone**
A thin fragment of sandstone, limestone, slate, shale, or (rarely) schist 6 to 15 inches (15 to 38 centimeters) long.

**Flood plain**
The nearly level plain that borders a stream and is subject to flooding unless protected artificially.

**Flood-plain landforms**
A variety of constructional and erosional features produced by stream channel migration and flooding. Examples include backswamps, flood-plain splays, meanders, meander belts, meander scrolls, oxbow lakes, and natural levees.

**Flood-plain splay**
A fan-shaped deposit or other outspread deposit formed where an overloaded stream breaks through a levee (natural or artificial) and deposits its material (commonly coarse grained) on the flood plain.

**Flood-plain step**
An essentially flat, terrace-like alluvial surface within a valley that is frequently covered by floodwater from the present stream; any approximately horizontal surface still actively modified by fluvial scour and/or deposition. May occur individually or as a series of steps.

**Fluvial**
Of or pertaining to rivers or streams; produced by stream or river action.

**Foothills**
A region of steeply sloping hills that fringes a mountain range or high-plateau escarpment. The hills have relief of as much as 1,000 feet (300 meters).

**Footslope**
The concave surface at the base of a hillslope. A footslope is a transition zone between upslope sites of erosion and transport (shoulders and backslopes) and downslope sites of deposition (toeslopes).

**Forb**
Any herbaceous plant not a grass or a sedge.
Forest cover
All trees and other woody plants (underbrush) covering the ground in a forest.

Forest type
A stand of trees similar in composition and development because of given physical and biological factors by which it may be differentiated from other stands.

Fragipan
A loamy, brittle subsurface horizon low in porosity and content of organic matter and low or moderate in clay but high in silt or very fine sand. A fragipan appears cemented and restricts roots. When dry, it is hard or very hard and has a higher bulk density than the horizon or horizons above. When moist, it tends to rupture suddenly under pressure rather than to deform slowly.

Genesis, soil
The mode of origin of the soil. Refers especially to the processes or soil-forming factors responsible for the formation of the solum, or true soil, from the unconsolidated parent material.

Gilgai
Commonly, a succession of microbasins and microknolls in nearly level areas or of microvalleys and microridges parallel with the slope. Typically, the microrelief of clayey soils that shrink and swell considerably with changes in moisture content.

Glaciofluvial deposits
Material moved by glaciers and subsequently sorted and deposited by streams flowing from the melting ice. The deposits are stratified and occur in the form of outwash plains, valley trains, deltas, kames, eskers, and kame terraces.

Glaciolacustrine deposits
Material ranging from fine clay to sand derived from glaciers and deposited in glacial lakes mainly by glacial meltwater. Many deposits are bedded or laminated.

Gleyed soil
Soil that formed under poor drainage, resulting in the reduction of iron and other elements in the profile and in gray colors.

Graded stripcropping
Growing crops in strips that grade toward a protected waterway.

Grassed waterway
A natural or constructed waterway, typically broad and shallow, seeded to grass as protection against erosion. Conducts surface water away from cropland.
Gravel
Rounded or angular fragments of rock as much as 3 inches (2 millimeters to 7.6 centimeters) in diameter. An individual piece is a pebble.

Gravel pit (map symbol)
An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel.

Gravelly soil material
Material that has 15 to 35 percent, by volume, rounded or angular rock fragments, not prominently flattened, as much as 3 inches (7.6 centimeters) in diameter.

Gravelly spot (map symbol)
A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area that has less than 15 percent rock fragments.

Green manure crop (agronomy)
A soil-improving crop grown to be plowed under in an early stage of maturity or soon after maturity.

Ground water
Water filling all the unblocked pores of the material below the water table.

Gully (map symbol)
A small, steep-sided channel caused by erosion and cut in unconsolidated materials by concentrated but intermittent flow of water. The distinction between a gully and a rill is one of depth. A gully generally is an obstacle to farm machinery and is too deep to be obliterated by ordinary tillage whereas a rill is of lesser depth and can be smoothed over by ordinary tillage.

Hard bedrock
Bedrock that cannot be excavated except by blasting or by the use of special equipment that is not commonly used in construction.

Hard to reclaim
Reclamation is difficult after the removal of soil for construction and other uses. Revegetation and erosion control are extremely difficult.

Hardpan
A hardened or cemented soil horizon, or layer. The soil material is sandy, loamy, or clayey and is cemented by iron oxide, silica, calcium carbonate, or other substance.
Head slope (geomorphology)
A geomorphic component of hills consisting of a laterally concave area of a hillside, especially at the head of a drainageway. The overland waterflow is converging.

Hemic soil material (mucky peat)
Organic soil material intermediate in degree of decomposition between the less decomposed fibric material and the more decomposed sapric material.

High-residue crops
Such crops as small grain and corn used for grain. If properly managed, residue from these crops can be used to control erosion until the next crop in the rotation is established. These crops return large amounts of organic matter to the soil.

Hill
A generic term for an elevated area of the land surface, rising as much as 1,000 feet above surrounding lowlands, commonly of limited summit area and having a well defined outline. Slopes are generally more than 15 percent. The distinction between a hill and a mountain is arbitrary and may depend on local usage.

Hillslope
A generic term for the steeper part of a hill between its summit and the drainage line, valley flat, or depression floor at the base of a hill.

Horizon, soil
A layer of soil, approximately parallel to the surface, having distinct characteristics produced by soil-forming processes. In the identification of soil horizons, an uppercase letter represents the major horizons. Numbers or lowercase letters that follow represent subdivisions of the major horizons. An explanation of the subdivisions is given in the “Soil Survey Manual.” The major horizons of mineral soil are as follows:
**O horizon:** An organic layer of fresh and decaying plant residue.

**L horizon:** A layer of organic and mineral limnic materials, including coprogenous earth (sedimentary peat), diatomaceous earth, and marl.

**A horizon:** The mineral horizon at or near the surface in which an accumulation of humified organic matter is mixed with the mineral material. Also, a plowed surface horizon, most of which was originally part of a B horizon.

**E horizon:** The mineral horizon in which the main feature is loss of silicate clay, iron, aluminum, or some combination of these.

**B horizon:** The mineral horizon below an A horizon. The B horizon is in part a layer of transition from the overlying A to the underlying C horizon. The B horizon also has distinctive characteristics, such as (1) accumulation of clay, sesquioxides, humus, or a combination of these; (2) prismatic or blocky structure; (3) redder or browner colors than those in the A horizon; or (4) a combination of these.

**C horizon:** The mineral horizon or layer, excluding indurated bedrock, that is little affected by soil-forming processes and does not have the properties typical of the overlying soil material. The material of a C horizon may be either like or unlike that in which the solum formed. If the material is known to differ from that in the solum, an Arabic numeral, commonly a 2, precedes the letter C.

**Cr horizon:** Soft, consolidated bedrock beneath the soil.

**R layer:** Consolidated bedrock beneath the soil. The bedrock commonly underlies a C horizon, but it can be directly below an A or a B horizon.

**M layer:** A root-limiting subsoil layer consisting of nearly continuous, horizontally oriented, human-manufactured materials.

**W layer:** A layer of water within or beneath the soil.

**Humus**

The well decomposed, more or less stable part of the organic matter in mineral soils.

**Hydrologic soil groups**

Refers to soils grouped according to their runoff potential. The soil properties that influence this potential are those that affect the minimum rate of water infiltration on a bare soil during periods after prolonged wetting when the soil is not frozen. These properties include depth to a seasonal high water table, the infiltration rate, and depth to a layer that significantly restricts the downward movement of water. The slope and the kind of plant cover are not considered but are separate factors in predicting runoff.

**Igneous rock**

Rock that was formed by cooling and solidification of magma and that has not been changed appreciably by weathering since its formation. Major varieties include plutonic and volcanic rock (e.g., andesite, basalt, and granite).

**Illuviation**

The movement of soil material from one horizon to another in the soil profile. Generally, material is removed from an upper horizon and deposited in a lower horizon.
Impervious soil

A soil through which water, air, or roots penetrate slowly or not at all. No soil is absolutely impervious to air and water all the time.

Increasers

Species in the climax vegetation that increase in amount as the more desirable plants are reduced by close grazing. Increasers commonly are the shorter plants and the less palatable to livestock.

Infiltration

The downward entry of water into the immediate surface of soil or other material, as contrasted with percolation, which is movement of water through soil layers or material.

Infiltration capacity

The maximum rate at which water can infiltrate into a soil under a given set of conditions.

Infiltration rate

The rate at which water penetrates the surface of the soil at any given instant, usually expressed in inches per hour. The rate can be limited by the infiltration capacity of the soil or the rate at which water is applied at the surface.

Intake rate

The average rate of water entering the soil under irrigation. Most soils have a fast initial rate; the rate decreases with application time. Therefore, intake rate for design purposes is not a constant but is a variable depending on the net irrigation application. The rate of water intake, in inches per hour, is expressed as follows:

Very low: Less than 0.2
Low: 0.2 to 0.4
Moderately low: 0.4 to 0.75
Moderate: 0.75 to 1.25
Moderately high: 1.25 to 1.75
High: 1.75 to 2.5
Very high: More than 2.5

Interfluve

A landform composed of the relatively undissected upland or ridge between two adjacent valleys containing streams flowing in the same general direction. An elevated area between two drainage ways that sheds water to those drainage ways.

Interfluve (geomorphology)

A geomorphic component of hills consisting of the uppermost, comparatively level or gently sloping area of a hill; shoulders of backwearing hillslopes can narrow the upland or can merge, resulting in a strongly convex shape.
Intermittent stream

A stream, or reach of a stream, that does not flow year-round but that is commonly dry for 3 or more months out of 12 and whose channel is generally below the local water table. It flows only during wet periods or when it receives ground-water discharge or long, continued contributions from melting snow or other surface and shallow subsurface sources.

Invaders

On range, plants that encroach into an area and grow after the climax vegetation has been reduced by grazing. Generally, plants invade following disturbance of the surface.

Iron depletions

See Redoximorphic features.

Irrigation

Application of water to soils to assist in production of crops. Methods of irrigation are:

**Basin:** Water is applied rapidly to nearly level plains surrounded by levees or dikes.

**Border:** Water is applied at the upper end of a strip in which the lateral flow of water is controlled by small earth ridges called border dikes, or borders.

**Controlled flooding:** Water is released at intervals from closely spaced field ditches and distributed uniformly over the field.

**Corrugation:** Water is applied to small, closely spaced furrows or ditches in fields of close-growing crops or in orchards so that it flows in only one direction.

**Drip (or trickle):** Water is applied slowly and under low pressure to the surface of the soil or into the soil through such applicators as emitters, porous tubing, or perforated pipe.

**Furrow:** Water is applied in small ditches made by cultivation implements. Furrows are used for tree and row crops.

**Sprinkler:** Water is sprayed over the soil surface through pipes or nozzles from a pressure system.

**Subirrigation:** Water is applied in open ditches or tile lines until the water table is raised enough to wet the soil.

**Wild flooding:** Water, released at high points, is allowed to flow onto an area without controlled distribution.

Kame

A low mound, knob, hummock, or short irregular ridge composed of stratified sand and gravel deposited by a subglacial stream as a fan or delta at the margin of a melting glacier; by a supraglacial stream in a low place or hole on the surface of the glacier; or as a ponded deposit on the surface or at the margin of stagnant ice.
Karst (topography)
A kind of topography that formed in limestone, gypsum, or other soluble rocks by dissolution and that is characterized by closed depressions, sinkholes, caves, and underground drainage.

Knoll
A small, low, rounded hill rising above adjacent landforms.

Ksat
See Saturated hydraulic conductivity.

Lacustrine deposit
Material deposited in lake water and exposed when the water level is lowered or the elevation of the land is raised.

Lake plain
A nearly level surface marking the floor of an extinct lake filled by well sorted, generally fine textured, stratified deposits, commonly containing varves.

Lake terrace
A narrow shelf, partly cut and partly built, produced along a lakeshore in front of a scarp line of low cliffs and later exposed when the water level falls.

Landfill (map symbol)
An area of accumulated waste products of human habitation, either above or below natural ground level.

Landslide
A general, encompassing term for most types of mass movement landforms and processes involving the downslope transport and outward deposition of soil and rock materials caused by gravitational forces; the movement may or may not involve saturated materials. The speed and distance of movement, as well as the amount of soil and rock material, vary greatly.

Large stones
Rock fragments 3 inches (7.6 centimeters) or more across. Large stones adversely affect the specified use of the soil.

Lava flow (map symbol)
A solidified, commonly lobate body of rock formed through lateral, surface outpouring of molten lava from a vent or fissure.

Leaching
The removal of soluble material from soil or other material by percolating water.
Levee (map symbol)
An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow onto lowlands.

Linear extensibility
Refers to the change in length of an unconfined clod as moisture content is decreased from a moist to a dry state. Linear extensibility is used to determine the shrink-swell potential of soils. It is an expression of the volume change between the water content of the clod at $\frac{1}{3}$- or $\frac{1}{10}$-bar tension (33kPa or 10kPa tension) and oven dryness. Volume change is influenced by the amount and type of clay minerals in the soil. The volume change is the percent change for the whole soil. If it is expressed as a fraction, the resulting value is COLE, coefficient of linear extensibility.

Liquid limit
The moisture content at which the soil passes from a plastic to a liquid state.

Loam
Soil material that is 7 to 27 percent clay particles, 28 to 50 percent silt particles, and less than 52 percent sand particles.

Loess
Material transported and deposited by wind and consisting dominantly of silt-sized particles.

Low strength
The soil is not strong enough to support loads.

Low-residue crops
Such crops as corn used for silage, peas, beans, and potatoes. Residue from these crops is not adequate to control erosion until the next crop in the rotation is established. These crops return little organic matter to the soil.

Marl
An earthy, unconsolidated deposit consisting chiefly of calcium carbonate mixed with clay in approximately equal proportions; formed primarily under freshwater lacustrine conditions but also formed in more saline environments.

Marsh or swamp (map symbol)
A water-saturated, very poorly drained area that is intermittently or permanently covered by water. Sedges, cattails, and rushes are the dominant vegetation in marshes, and trees or shrubs are the dominant vegetation in swamps. Not used in map units where the named soils are poorly drained or very poorly drained.

Mass movement
A generic term for the dislodgment and downslope transport of soil and rock material as a unit under direct gravitational stress.
Masses

See Redoximorphic features.

Meander belt

The zone within which migration of a meandering channel occurs; the floodplain area included between two imaginary lines drawn tangential to the outer bends of active channel loops.

Meander scar

A crescent-shaped, concave or linear mark on the face of a bluff or valley wall, produced by the lateral erosion of a meandering stream that impinged upon and undercut the bluff.

Meander scroll

One of a series of long, parallel, close-fitting, crescent-shaped ridges and troughs formed along the inner bank of a stream meander as the channel migrated laterally down-valley and toward the outer bank.

Mechanical treatment

Use of mechanical equipment for seeding, brush management, and other management practices.

Medium textured soil

Very fine sandy loam, loam, silt loam, or silt.

Mesa

A broad, nearly flat topped and commonly isolated landmass bounded by steep slopes or precipitous cliffs and capped by layers of resistant, nearly horizontal rocky material. The summit width is characteristically greater than the height of the bounding escarpments.

Metamorphic rock

Rock of any origin altered in mineralogical composition, chemical composition, or structure by heat, pressure, and movement at depth in the earth’s crust. Nearly all such rocks are crystalline.

Mine or quarry (map symbol)

An open excavation from which soil and underlying material have been removed and in which bedrock is exposed. Also denotes surface openings to underground mines.

Mine spoil

An accumulation of displaced earthy material, rock, or other waste material removed during mining or excavation. Also called earthy fill.

Mineral soil

Soil that is mainly mineral material and low in organic material. Its bulk density is more than that of organic soil.
Minimum tillage
Only the tillage essential to crop production and prevention of soil damage.

Miscellaneous area
A kind of map unit that has little or no natural soil and supports little or no vegetation.

Miscellaneous water (map symbol)
Small, constructed bodies of water that are used for industrial, sanitary, or mining applications and that contain water most of the year.

Moderately coarse textured soil
Coarse sandy loam, sandy loam, or fine sandy loam.

Moderately fine textured soil
Clay loam, sandy clay loam, or silty clay loam.

Mollic epipedon
A thick, dark, humus-rich surface horizon (or horizons) that has high base saturation and pedogenic soil structure. It may include the upper part of the subsoil.

Moraine
In terms of glacial geology, a mound, ridge, or other topographically distinct accumulation of unsorted, unstratified drift, predominantly till, deposited primarily by the direct action of glacial ice in a variety of landforms. Also, a general term for a landform composed mainly of till (except for kame moraines, which are composed mainly of stratified outwash) that has been deposited by a glacier. Some types of moraines are disintegration, end, ground, kame, lateral, recessional, and terminal.

Morphology, soil
The physical makeup of the soil, including the texture, structure, porosity, consistence, color, and other physical, mineral, and biological properties of the various horizons, and the thickness and arrangement of those horizons in the soil profile.

Mottling, soil
Irregular spots of different colors that vary in number and size. Descriptive terms are as follows: abundance—few, common, and many; size—fine, medium, and coarse; and contrast—faint, distinct, and prominent. The size measurements are of the diameter along the greatest dimension. Fine indicates less than 5 millimeters (about 0.2 inch); medium, from 5 to 15 millimeters (about 0.2 to 0.6 inch); and coarse, more than 15 millimeters (about 0.6 inch).

Mountain
A generic term for an elevated area of the land surface, rising more than 1,000 feet (300 meters) above surrounding lowlands, commonly of restricted summit area (relative to a plateau) and generally having steep sides. A mountain can
occur as a single, isolated mass or in a group forming a chain or range. Mountains are formed primarily by tectonic activity and/or volcanic action but can also be formed by differential erosion.

**Muck**

Dark, finely divided, well decomposed organic soil material. (See Sapric soil material.)

**Mucky peat**

See Hemic soil material.

**Mudstone**

A blocky or massive, fine grained sedimentary rock in which the proportions of clay and silt are approximately equal. Also, a general term for such material as clay, silt, claystone, siltstone, shale, and argillite and that should be used only when the amounts of clay and silt are not known or cannot be precisely identified.

**Munsell notation**

A designation of color by degrees of three simple variables—hue, value, and chroma. For example, a notation of 10YR 6/4 is a color with hue of 10YR, value of 6, and chroma of 4.

**Natric horizon**

A special kind of argillic horizon that contains enough exchangeable sodium to have an adverse effect on the physical condition of the subsoil.

**Neutral soil**

A soil having a pH value of 6.6 to 7.3. (See Reaction, soil.)

**Nodules**

See Redoximorphic features.

**Nose slope (geomorphology)**

A geomorphic component of hills consisting of the projecting end (laterally convex area) of a hillside. The overland waterflow is predominantly divergent. Nose slopes consist dominantly of colluvium and slope-wash sediments (for example, slope alluvium).

**Nutrient, plant**

Any element taken in by a plant essential to its growth. Plant nutrients are mainly nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, iron, manganese, copper, boron, and zinc obtained from the soil and carbon, hydrogen, and oxygen obtained from the air and water.

**Organic matter**

Plant and animal residue in the soil in various stages of decomposition. The content of organic matter in the surface layer is described as follows:
Very low: Less than 0.5 percent
Low: 0.5 to 1.0 percent
Moderately low: 1.0 to 2.0 percent
Moderate: 2.0 to 4.0 percent
High: 4.0 to 8.0 percent
Very high: More than 8.0 percent

Outwash
Stratified and sorted sediments (chiefly sand and gravel) removed or “washed out” from a glacier by meltwater streams and deposited in front of or beyond the end moraine or the margin of a glacier. The coarser material is deposited nearer to the ice.

Outwash plain
An extensive lowland area of coarse textured glaciofluvial material. An outwash plain is commonly smooth; where pitted, it generally is low in relief.

Paleoterrace
An erosional remnant of a terrace that retains the surface form and alluvial deposits of its origin but was not emplaced by, and commonly does not grade to, a present-day stream or drainage network.

Pan
A compact, dense layer in a soil that impedes the movement of water and the growth of roots. For example, hardpan, fragipan, claypan, plowpan, and traffic pan.

Parent material
The unconsolidated organic and mineral material in which soil forms.

Peat
Unconsolidated material, largely undecomposed organic matter, that has accumulated under excess moisture. (See Fibric soil material.)

Ped
An individual natural soil aggregate, such as a granule, a prism, or a block.

Pedisediment
A layer of sediment, eroded from the shoulder and backslope of an erosional slope, that lies on and is being (or was) transported across a gently sloping erosional surface at the foot of a receding hill or mountain slope.

Pedon
The smallest volume that can be called “a soil.” A pedon is three dimensional and large enough to permit study of all horizons. Its area ranges from about 10 to 100 square feet (1 square meter to 10 square meters), depending on the variability of the soil.
Percolation
The movement of water through the soil.

Perennial water (map symbol)
Small, natural or constructed lakes, ponds, or pits that contain water most of the year.

Permafrost
Ground, soil, or rock that remains at or below 0 degrees C for at least 2 years. It is defined on the basis of temperature and is not necessarily frozen.

pH value
A numerical designation of acidity and alkalinity in soil. (See Reaction, soil.)

Phase, soil
A subdivision of a soil series based on features that affect its use and management, such as slope, stoniness, and flooding.

Piping
Formation of subsurface tunnels or pipelike cavities by water moving through the soil.

Pitting
Pits caused by melting around ice. They form on the soil after plant cover is removed.

Plastic limit
The moisture content at which a soil changes from semisolid to plastic.

Plasticity index
The numerical difference between the liquid limit and the plastic limit; the range of moisture content within which the soil remains plastic.

Plateau (geomorphology)
A comparatively flat area of great extent and elevation; specifically, an extensive land region that is considerably elevated (more than 100 meters) above the adjacent lower lying terrain, is commonly limited on at least one side by an abrupt descent, and has a flat or nearly level surface. A comparatively large part of a plateau surface is near summit level.

Playa
The generally dry and nearly level lake plain that occupies the lowest parts of closed depressions, such as those on intermontane basin floors. Temporary flooding occurs primarily in response to precipitation and runoff. Playa deposits are fine grained and may or may not have a high water table and saline conditions.
Plinthite
The sesquioxide-rich, humus-poor, highly weathered mixture of clay with quartz and other diluents. It commonly appears as red mottles, usually in platy, polygonal, or reticulate patterns. Plinthite changes irreversibly to an ironstone hardpan or to irregular aggregates on repeated wetting and drying, especially if it is exposed also to heat from the sun. In a moist soil, plinthite can be cut with a spade. It is a form of laterite.

Plowpan
A compacted layer formed in the soil directly below the plowed layer.

Ponding
Standing water on soils in closed depressions. Unless the soils are artificially drained, the water can be removed only by percolation or evapotranspiration.

Poorly graded
Refers to a coarse grained soil or soil material consisting mainly of particles of nearly the same size. Because there is little difference in size of the particles, density can be increased only slightly by compaction.

Pore linings
See Redoximorphic features.

Potential native plant community
See Climax plant community.

Potential rooting depth (effective rooting depth)
Depth to which roots could penetrate if the content of moisture in the soil were adequate. The soil has no properties restricting the penetration of roots to this depth.

Prescribed burning
Deliberately burning an area for specific management purposes, under the appropriate conditions of weather and soil moisture and at the proper time of day.

Productivity, soil
The capability of a soil for producing a specified plant or sequence of plants under specific management.

Profile, soil
A vertical section of the soil extending through all its horizons and into the parent material.

Proper grazing use
Grazing at an intensity that maintains enough cover to protect the soil and maintain or improve the quantity and quality of the desirable vegetation. This practice increases the vigor and reproduction capacity of the key plants and
promotes the accumulation of litter and mulch necessary to conserve soil and water.

**Rangeland**

Land on which the potential natural vegetation is predominantly grasses, grasslike plants, forbs, or shrubs suitable for grazing or browsing. It includes natural grasslands, savannas, many wetlands, some deserts, tundras, and areas that support certain forb and shrub communities.

**Reaction, soil**

A measure of acidity or alkalinity of a soil, expressed as pH values. A soil that tests to pH 7.0 is described as precisely neutral in reaction because it is neither acid nor alkaline. The degrees of acidity or alkalinity, expressed as pH values, are:

- **Ultra acid:** Less than 3.5
- **Extremely acid:** 3.5 to 4.4
- **Very strongly acid:** 4.5 to 5.0
- **Strongly acid:** 5.1 to 5.5
- **Moderately acid:** 5.6 to 6.0
- **Slightly acid:** 6.1 to 6.5
- **Neutral:** 6.6 to 7.3
- **Slightly alkaline:** 7.4 to 7.8
- **Moderately alkaline:** 7.9 to 8.4
- **Strongly alkaline:** 8.5 to 9.0
- **Very strongly alkaline:** 9.1 and higher

**Red beds**

Sedimentary strata that are mainly red and are made up largely of sandstone and shale.

**Redoximorphic concentrations**

See Redoximorphic features.

**Redoximorphic depletions**

See Redoximorphic features.

**Redoximorphic features**

Redoximorphic features are associated with wetness and result from alternating periods of reduction and oxidation of iron and manganese compounds in the soil. Reduction occurs during saturation with water, and oxidation occurs when the soil is not saturated. Characteristic color patterns are created by these processes. The reduced iron and manganese ions may be removed from a soil if vertical or lateral fluxes of water occur, in which case there is no iron or manganese precipitation in that soil. Wherever the iron and manganese are oxidized and precipitated, they form either soft masses or hard concretions or nodules. Movement of iron and manganese as a result of redoximorphic processes in a soil may result in redoximorphic features that are defined as follows:
1. Redoximorphic concentrations.—These are zones of apparent accumulation of iron-manganese oxides, including:
   A. Nodules and concretions, which are cemented bodies that can be removed from the soil intact. Concretions are distinguished from nodules on the basis of internal organization. A concretion typically has concentric layers that are visible to the naked eye. Nodules do not have visible organized internal structure; and
   B. Masses, which are noncemented concentrations of substances within the soil matrix; and
   C. Pore linings, i.e., zones of accumulation along pores that may be either coatings on pore surfaces or impregnations from the matrix adjacent to the pores.

2. Redoximorphic depletions.—These are zones of low chroma (chromas less than those in the matrix) where either iron-manganese oxides alone or both iron-manganese oxides and clay have been stripped out, including:
   A. Iron depletions, i.e., zones that contain low amounts of iron and manganese oxides but have a clay content similar to that of the adjacent matrix; and
   B. Clay depletions, i.e., zones that contain low amounts of iron, manganese, and clay (often referred to as silt coatings or skeletans).

3. Reduced matrix.—This is a soil matrix that has low chroma in situ but undergoes a change in hue or chroma within 30 minutes after the soil material has been exposed to air.

**Reduced matrix**

See Redoximorphic features.

**Regolith**

All unconsolidated earth materials above the solid bedrock. It includes material weathered in place from all kinds of bedrock and alluvial, glacial, eolian, lacustrine, and pyroclastic deposits.

**Relief**

The relative difference in elevation between the upland summits and the lowlands or valleys of a given region.

**Residuum (residual soil material)**

Unconsolidated, weathered or partly weathered mineral material that accumulated as bedrock disintegrated in place.

**Rill**

A very small, steep-sided channel resulting from erosion and cut in unconsolidated materials by concentrated but intermittent flow of water. A rill generally is not an obstacle to wheeled vehicles and is shallow enough to be smoothed over by ordinary tillage.
Riser
The vertical or steep side slope (e.g., escarpment) of terraces, flood-plain steps, or other stepped landforms; commonly a recurring part of a series of natural, steplike landforms, such as successive stream terraces.

Road cut
A sloping surface produced by mechanical means during road construction. It is commonly on the uphill side of the road.

Rock fragments
Rock or mineral fragments having a diameter of 2 millimeters or more; for example, pebbles, cobbles, stones, and boulders.

Rock outcrop (map symbol)
An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock or where “Rock outcrop” is a named component of the map unit.

Root zone
The part of the soil that can be penetrated by plant roots.

Runoff
The precipitation discharged into stream channels from an area. The water that flows off the surface of the land without sinking into the soil is called surface runoff. Water that enters the soil before reaching surface streams is called ground-water runoff or seepage flow from ground water.

Saline soil
A soil containing soluble salts in an amount that impairs growth of plants. A saline soil does not contain excess exchangeable sodium.

Saline spot (map symbol)
An area where the surface layer has an electrical conductivity of 8 mmhos/cm more than the surface layer of the named soils in the surrounding map unit. The surface layer of the surrounding soils has an electrical conductivity of 2 mmhos/cm or less.

Sand
As a soil separate, individual rock or mineral fragments from 0.05 millimeter to 2.0 millimeters in diameter. Most sand grains consist of quartz. As a soil textural class, a soil that is 85 percent or more sand and not more than 10 percent clay.

Sandstone
Sedimentary rock containing dominantly sand-sized particles.
Sandy spot (map symbol)
A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer.

Sapric soil material (muck)
The most highly decomposed of all organic soil material. Muck has the least amount of plant fiber, the highest bulk density, and the lowest water content at saturation of all organic soil material.

Saturated hydraulic conductivity (Ksat)
The ease with which pores of a saturated soil transmit water. Formally, the proportionality coefficient that expresses the relationship of the rate of water movement to hydraulic gradient in Darcy’s Law, a law that describes the rate of water movement through porous media. Commonly abbreviated as “Ksat.” Terms describing saturated hydraulic conductivity are:

**Very high:** 100 or more micrometers per second (14.17 or more inches per hour)
**High:** 10 to 100 micrometers per second (1.417 to 14.17 inches per hour)
**Moderately high:** 1 to 10 micrometers per second (0.1417 inch to 1.417 inches per hour)
**Moderately low:** 0.1 to 1 micrometer per second (0.01417 inch to 0.1417 inch per hour)
**Low:** 0.01 to 0.1 micrometer per second (0.001417 inch to 0.01417 inch per hour)
**Very low:** Less than 0.01 micrometer per second (less than 0.001417 inch per hour).

To convert inches per hour to micrometers per second, multiply inches per hour by 7.0572. To convert micrometers per second to inches per hour, multiply micrometers per second by 0.1417.

Saturation
Wetness characterized by zero or positive pressure of the soil water. Under conditions of saturation, the water will flow from the soil matrix into an unlined auger hole.

Scarification
The act of abrading, scratching, loosening, crushing, or modifying the surface to increase water absorption or to provide a more tillable soil.

Sedimentary rock
A consolidated deposit of clastic particles, chemical precipitates, or organic remains accumulated at or near the surface of the earth under normal low temperature and pressure conditions. Sedimentary rocks include consolidated equivalents of alluvium, colluvium, drift, and eolian, lacustrine, and marine deposits. Examples are sandstone, siltstone, mudstone, claystone, shale, conglomerate, limestone, dolomite, and coal.
Sequum
A sequence consisting of an illuvial horizon and the overlying eluvial horizon. (See Eluviation.)

Series, soil
A group of soils that have profiles that are almost alike, except for differences in texture of the surface layer. All the soils of a series have horizons that are similar in composition, thickness, and arrangement.

Severely eroded spot (map symbol)
An area where, on the average, 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units in which "severely eroded," "very severely eroded," or "gullied" is part of the map unit name.

Shale
Sedimentary rock that formed by the hardening of a deposit of clay, silty clay, or silty clay loam and that has a tendency to split into thin layers.

Sheet erosion
The removal of a fairly uniform layer of soil material from the land surface by the action of rainfall and surface runoff.

Short, steep slope (map symbol)
A narrow area of soil having slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.

Shoulder
The convex, erosional surface near the top of a hillslope. A shoulder is a transition from summit to backslope.

Shrink-swell
The shrinking of soil when dry and the swelling when wet. Shrinking and swelling can damage roads, dams, building foundations, and other structures. It can also damage plant roots.

Shrub-coppice dune
A small, streamlined dune that forms around brush and clump vegetation.

Side slope (geomorphology)
A geomorphic component of hills consisting of a laterally planar area of a hillside. The overland waterflow is predominantly parallel. Side slopes are dominantly colluvium and slope-wash sediments.

Silica
A combination of silicon and oxygen. The mineral form is called quartz.
Silica-sesquioxide ratio

The ratio of the number of molecules of silica to the number of molecules of alumina and iron oxide. The more highly weathered soils or their clay fractions in warm-temperate, humid regions, and especially those in the tropics, generally have a low ratio.

Silt

As a soil separate, individual mineral particles that range in diameter from the upper limit of clay (0.002 millimeter) to the lower limit of very fine sand (0.05 millimeter). As a soil textural class, soil that is 80 percent or more silt and less than 12 percent clay.

Siltstone

An indurated silt having the texture and composition of shale but lacking its fine lamination or fissility; a massive mudstone in which silt predominates over clay.

Similar soils

Soils that share limits of diagnostic criteria, behave and perform in a similar manner, and have similar conservation needs or management requirements for the major land uses in the survey area.

Sinkhole (map symbol)

A closed, circular or elliptical depression, commonly funnel shaped, characterized by subsurface drainage and formed either by dissolution of the surface of underlying bedrock (e.g., limestone, gypsum, or salt) or by collapse of underlying caves within bedrock. Complexes of sinkholes in carbonate-rock terrain are the main components of karst topography.

Site index

A designation of the quality of a forest site based on the height of the dominant stand at an arbitrarily chosen age. For example, if the average height attained by dominant and codominant trees in a fully stocked stand at the age of 50 years is 75 feet, the site index is 75.

Slickensides (pedogenic)

Grooved, striated, and/or glossy (shiny) slip faces on structural peds, such as wedges; produced by shrink-swell processes, most commonly in soils that have a high content of expansive clays.

Slide or slip (map symbol)

A prominent landform scar or ridge caused by fairly recent mass movement or descent of earthy material resulting from failure of earth or rock under shear stress along one or several surfaces.

Slope

The inclination of the land surface from the horizontal. Percentage of slope is the vertical distance divided by horizontal distance, then multiplied by 100. Thus, a slope of 20 percent is a drop of 20 feet in 100 feet of horizontal distance.
**Slope alluvium**

Sediment gradually transported down the slopes of mountains or hills primarily by nonchannel alluvial processes (i.e., slope-wash processes) and characterized by particle sorting. Lateral particle sorting is evident on long slopes. In a profile sequence, sediments may be distinguished by differences in size and/or specific gravity of rock fragments and may be separated by stone lines. Burnished peds and sorting of rounded or subrounded pebbles or cobbles distinguish these materials from unsorted colluvial deposits.

**Slow refill**

The slow filling of ponds, resulting from restricted water transmission in the soil.

**Slow water movement**

Restricted downward movement of water through the soil. See Saturated hydraulic conductivity.

**Sodic (alkali) soil**

A soil having so high a degree of alkalinity (pH 8.5 or higher) or so high a percentage of exchangeable sodium (15 percent or more of the total exchangeable bases), or both, that plant growth is restricted.

**Sodic spot (map symbol)**

An area where the surface layer has a sodium adsorption ratio that is at least 10 more than that of the surface layer of the named soils in the surrounding map unit. The surface layer of the surrounding soils has a sodium adsorption ratio of 5 or less.

**Sodicity**

The degree to which a soil is affected by exchangeable sodium. Sodicity is expressed as a sodium adsorption ratio (SAR) of a saturation extract, or the ratio of Na$^+$ to Ca$^{++}$ + Mg$^{++}$. The degrees of sodicity and their respective ratios are:

- **Slight**: Less than 13:1
- **Moderate**: 13-30:1
- **Strong**: More than 30:1

**Sodium adsorption ratio (SAR)**

A measure of the amount of sodium (Na) relative to calcium (Ca) and magnesium (Mg) in the water extract from saturated soil paste. It is the ratio of the Na concentration divided by the square root of one-half of the Ca + Mg concentration.

**Soft bedrock**

Bedrock that can be excavated with trenching machines, backhoes, small rippers, and other equipment commonly used in construction.
Soil

A natural, three-dimensional body at the earth’s surface. It is capable of supporting plants and has properties resulting from the integrated effect of climate and living matter acting on earthy parent material, as conditioned by relief and by the passage of time.

Soil separates

Mineral particles less than 2 millimeters in equivalent diameter and ranging between specified size limits. The names and sizes, in millimeters, of separates recognized in the United States are as follows:

- **Very coarse sand**: 2.0 to 1.0
- **Coarse sand**: 1.0 to 0.5
- **Medium sand**: 0.5 to 0.25
- **Fine sand**: 0.25 to 0.10
- **Very fine sand**: 0.10 to 0.05
- **Silt**: 0.05 to 0.002
- **Clay**: Less than 0.002

Solum

The upper part of a soil profile, above the C horizon, in which the processes of soil formation are active. The solum in soil consists of the A, E, and B horizons. Generally, the characteristics of the material in these horizons are unlike those of the material below the solum. The living roots and plant and animal activities are largely confined to the solum.

Spoil area (map symbol)

A pile of earthy materials, either smoothed or uneven, resulting from human activity.

Stone line

In a vertical cross section, a line formed by scattered fragments or a discrete layer of angular and subangular rock fragments (commonly a gravel- or cobble-sized lag concentration) that formerly was draped across a topographic surface and was later buried by additional sediments. A stone line generally caps material that was subject to weathering, soil formation, and erosion before burial. Many stone lines seem to be buried erosion pavements, originally formed by sheet and rill erosion across the land surface.

Stones

Rock fragments 10 to 24 inches (25 to 60 centimeters) in diameter if rounded or 15 to 24 inches (38 to 60 centimeters) in length if flat.

Stony

Refers to a soil containing stones in numbers that interfere with or prevent tillage.
Stony spot (map symbol)
A spot where 0.01 to 0.1 percent of the soil surface is covered by rock fragments that are more than 10 inches in diameter in areas where the surrounding soil has no surface stones.

Strath terrace
A type of stream terrace; formed as an erosional surface cut on bedrock and thinly mantled with stream deposits (alluvium).

Stream terrace
One of a series of platforms in a stream valley, flanking and more or less parallel to the stream channel, originally formed near the level of the stream; represents the remnants of an abandoned flood plain, stream bed, or valley floor produced during a former state of fluvial erosion or deposition.

Stripcropping
Growing crops in a systematic arrangement of strips or bands that provide vegetative barriers to wind erosion and water erosion.

Structure, soil
The arrangement of primary soil particles into compound particles or aggregates. The principal forms of soil structure are:
- Platy: Flat and laminated
- Prismatic: Vertically elongated and having flat tops
- Columnar: Vertically elongated and having rounded tops
- Angular blocky: Having faces that intersect at sharp angles (planes)
- Subangular blocky: Having subrounded and planar faces (no sharp angles)
- Granular: Small structural units with curved or very irregular faces

Structureless soil horizons are defined as follows:
- Single grained: Entirely noncoherent (each grain by itself), as in loose sand
- Massive: Occurring as a coherent mass

Stubble mulch
Stubble or other crop residue left on the soil or partly worked into the soil. It protects the soil from wind erosion and water erosion after harvest, during preparation of a seedbed for the next crop, and during the early growing period of the new crop.

Subsoil
Technically, the B horizon; roughly, the part of the solum below plow depth.

Subsoiling
Tilling a soil below normal plow depth, ordinarily to shatter a hardpan or claypan.
Substratum
The part of the soil below the solum.

Subsurface layer
Any surface soil horizon (A, E, AB, or EB) below the surface layer.

Summer fallow
The tillage of uncropped land during the summer to control weeds and allow storage of moisture in the soil for the growth of a later crop. A practice common in semiarid regions, where annual precipitation is not enough to produce a crop every year. Summer fallow is frequently practiced before planting winter grain.

Summit
The topographically highest position of a hillslope. It has a nearly level (planar or only slightly convex) surface.

Surface layer
The soil ordinarily moved in tillage, or its equivalent in uncultivated soil, ranging in depth from 4 to 10 inches (10 to 25 centimeters). Frequently designated as the "plow layer," or the "Ap horizon."

Surface soil
The A, E, AB, and EB horizons, considered collectively. It includes all subdivisions of these horizons.

Talus
Rock fragments of any size or shape (commonly coarse and angular) derived from and lying at the base of a cliff or very steep rock slope. The accumulated mass of such loose broken rock formed chiefly by falling, rolling, or sliding.

Taxadjuncts
Soils that cannot be classified in a series recognized in the classification system. Such soils are named for a series they strongly resemble and are designated as taxadjuncts to that series because they differ in ways too small to be of consequence in interpreting their use and behavior. Soils are recognized as taxadjuncts only when one or more of their characteristics are slightly outside the range defined for the family of the series for which the soils are named.

Terminal moraine
An end moraine that marks the farthest advance of a glacier. It typically has the form of a massive arcuate or concentric ridge, or complex of ridges, and is underlain by till and other types of drift.

Terrace (conservation)
An embankment, or ridge, constructed across sloping soils on the contour or at a slight angle to the contour. The terrace intercepts surface runoff so that water soaks into the soil or flows slowly to a prepared outlet. A terrace in a field
generally is built so that the field can be farmed. A terrace intended mainly for drainage has a deep channel that is maintained in permanent sod.

**Terrace (geomorphology)**

A steplike surface, bordering a valley floor or shoreline, that represents the former position of a flood plain, lake, or seashore. The term is usually applied both to the relatively flat summit surface (tread) that was cut or built by stream or wave action and to the steeper descending slope (scarp or riser) that has graded to a lower base level of erosion.

**Terracettes**

Small, irregular steplike forms on steep hillslopes, especially in pasture, formed by creep or erosion of surficial materials that may be induced or enhanced by trampling of livestock, such as sheep or cattle.

**Texture, soil**

The relative proportions of sand, silt, and clay particles in a mass of soil. The basic textural classes, in order of increasing proportion of fine particles, are sand, loamy sand, sandy loam, loam, silt loam, silt, sandy clay loam, clay loam, silty clay loam, sandy clay, silty clay, and clay. The sand, loamy sand, and sandy loam classes may be further divided by specifying "coarse," "fine," or "very fine."

**Thin layer**

Otherwise suitable soil material that is too thin for the specified use.

**Till**

Dominantly unsorted and nonstratified drift, generally unconsolidated and deposited directly by a glacier without subsequent reworking by meltwater, and consisting of a heterogeneous mixture of clay, silt, sand, gravel, stones, and boulders; rock fragments of various lithologies are embedded within a finer matrix that can range from clay to sandy loam.

**Till plain**

An extensive area of level to gently undulating soils underlain predominantly by till and bounded at the distal end by subordinate recessional or end moraines.

**Tilth, soil**

The physical condition of the soil as related to tillage, seedbed preparation, seedling emergence, and root penetration.

**Toeslope**

The gently inclined surface at the base of a hillslope. Toeslopes in profile are commonly gentle and linear and are constructional surfaces forming the lower part of a hillslope continuum that grades to valley or closed-depression floors.
Topsoil
The upper part of the soil, which is the most favorable material for plant growth. It is ordinarily rich in organic matter and is used to topdress roadbanks, lawns, and land affected by mining.

Trace elements
Chemical elements, for example, zinc, cobalt, manganese, copper, and iron, in soils in extremely small amounts. They are essential to plant growth.

Tread
The flat to gently sloping, topmost, laterally extensive slope of terraces, flood-plain steps, or other stepped landforms; commonly a recurring part of a series of natural steplike landforms, such as successive stream terraces.

Tuff
A generic term for any consolidated or cemented deposit that is 50 percent or more volcanic ash.

Upland
An informal, general term for the higher ground of a region, in contrast with a low-lying adjacent area, such as a valley or plain, or for land at a higher elevation than the flood plain or low stream terrace; land above the footslope zone of the hillslope continuum.

Valley fill
The unconsolidated sediment deposited by any agent (water, wind, ice, or mass wasting) so as to fill or partly fill a valley.

Variegation
Refers to patterns of contrasting colors assumed to be inherited from the parent material rather than to be the result of poor drainage.

Varve
A sedimentary layer or a lamina or sequence of laminae deposited in a body of still water within a year. Specifically, a thin pair of graded glaciolacustrine layers seasonally deposited, usually by meltwater streams, in a glacial lake or other body of still water in front of a glacier.

Very stony spot (map symbol)
A spot where 0.1 to 3.0 percent of the soil surface is covered by rock fragments that are more than 10 inches in diameter in areas where the surface of the surrounding soil is covered by less than 0.01 percent stones.

Water bars
Smooth, shallow ditches or depressional areas that are excavated at an angle across a sloping road. They are used to reduce the downward velocity of water and divert it off and away from the road surface. Water bars can easily be driven over if constructed properly.
Weathering
All physical disintegration, chemical decomposition, and biologically induced changes in rocks or other deposits at or near the earth’s surface by atmospheric or biologic agents or by circulating surface waters but involving essentially no transport of the altered material.

Well graded
Refers to soil material consisting of coarse grained particles that are well distributed over a wide range in size or diameter. Such soil normally can be easily increased in density and bearing properties by compaction. Contrasts with poorly graded soil.

Wet spot (map symbol)
A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit.

Wilting point (or permanent wilting point)
The moisture content of soil, on an ovendry basis, at which a plant (specifically a sunflower) wilts so much that it does not recover when placed in a humid, dark chamber.

Windthrow
The uprooting and tipping over of trees by the wind.
APPENDIX D

Results of Asbestos and Lead-Based Paint Survey
Asbestos & Lead Based Paint Survey

Project Location:
15 Randolph Avenue
Pulaski, VA  24301

Prepared For:
Ms. Janet Frazier
Program Manager
Draper Aden Associates
2206 South Main Street
Blacksburg, Virginia 24060

Prepared By:
The EI Group, Inc.
15 Salem Avenue SE
Roanoke, Virginia 24011
Office: 540-343-9595
Fax: 540-343-5902
www.ei1.com

EI Project: IHRO170109.00

Report Date: August 9, 2017
Asbestos and Lead-Based Paint Survey Report

Project Location:

15 Randolph Avenue
Pulaski, VA 24301

Prepared For:

Mrs. Janet Frazier
Program Manager
Draper Aden Associates
2206 South Main Street
Blacksburg, VA 24060

Prepared By:

The EI Group, Inc.
15 Salem Avenue SE, Suite 301
Roanoke, VA 24011
Office: (540) 343-9595
Fax: (540) 343-5902
www.ei1.com

Curtis Duncan
Industrial Hygienist
VA Asbestos Inspector No. 3303-004192

Eric Cureton
Roanoke Operations Manager
VA Asbestos Inspector No. 3303-003180
VA Lead-Based Paint Risk Assessor No. 3356-00811
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 Introduction</td>
<td>1</td>
</tr>
<tr>
<td>2.0 Methodology</td>
<td>1</td>
</tr>
<tr>
<td>3.0 Results and Discussion</td>
<td>4</td>
</tr>
<tr>
<td>4.0 Disclaimer</td>
<td>6</td>
</tr>
</tbody>
</table>

APPENDIX A – Asbestos Bulk Sampling Results Table

APPENDIX B – EMSL Analytical Report - Asbestos

APPENDIX C – EMSL Analytical Report – Lead Based Paint

APPENDIX D – Employee Professional Licensure
1.0 INTRODUCTION

Ms. Janet Frazier, with Draper Aden Associates contracted The EI Group, Inc. (EI) to conduct a National Emission Standard for Hazardous Air Pollutants (NESHAPs) asbestos survey and conduct a lead-based paint survey at the facility located at 15 Randolph Avenue in Pulaski, Virginia. The testing was conducted prior to the disturbance of any materials of the building. Please note that the scope of this survey was limited to accessible building materials that will be impacted by the planned future demolition of the property.

Mr. Curtis Duncan, an EPA accredited and Virginia licensed Asbestos Inspector conducted the survey on August 3, 2017. Mr. Duncan’s Virginia Department of Professional and Occupational Regulation (VA DPOR) Asbestos Inspector license number is 3303-004192. Mr. Duncan collected lead paint chip samples under the direction of Mr. Eric Cureton, VA DPOR Lead-Based Paint Risk Assessor license number is 3343-00811.

2.0 METHODOLOGY

Asbestos Survey

During the asbestos survey, suspect asbestos containing materials were inspected and sampled according to homogeneous area. A material or area is considered homogeneous if it is consistent in size, texture, color, and application. All samples were collected in a randomly distributed manner, in areas of easy access, and in a quantity in accordance with EPA regulations. Samples were collected of suspect asbestos containing building materials at 15 Randolph Avenue of the building’s interior and exterior. A total of thirteen (13) bulk samples were obtained for analysis from the building on the subject property.

Each sample was individually sealed in a plastic sample bag and submitted to EMSL Analytical Inc. (EMSL) in Charlotte, North Carolina for analysis. EMSL is accredited by the National Institute of Standards and Technology (NIST) for polarized light microscopy (PLM) analysis of asbestos in bulk materials and under the National Voluntary Laboratory Accreditation Program (NVLAP). Samples were analyzed by PLM with dispersion staining techniques (EPA Interim Method for Determination of Asbestos in Bulk Materials, EPA-600/M4-822-020).

The EPA adopted the National Emission Standards for Hazardous Air Pollutants (NESHAP) policy on the analysis of multi-layered asbestos samples (40 CFR Part 61). This policy requires laboratories to prep, analyze, and report, separately, each layer of a multi-layered sample. Any layer containing greater than one percent (1%) asbestos is declared an Asbestos Containing Material (ACM). A total of thirteen (13) samples were collected and analyzed and an additional eighteen (18) sample layers were analyzed, which were determined by the laboratory to be separate homogenous materials. A total of thirty-one (31) suspect materials were sampled during the survey.
**Lead-Based Paint Survey**

**Paint Chip Sampling Methodology**

Paint chip sampling was utilized to determine the presence of lead on the surfaces to be disturbed. For paint type, a section of paint was removed from the substrate. All layers of paint on the surface were included in the sample. These samples were individually sealed, and were submitted via chain of custody protocol to and analyzed by EMSL Analytical, Inc. of Charlotte, North Carolina. The samples were analyzed using Method SW 846 3050B/7000B. EMSL Analytical, Inc. is accredited by the American Industrial Hygiene Association (AIHA) Laboratory Accreditation Program (AIHA-LAP) and is also a fully accredited and Virginia licensed laboratory.

The inspection was conducted in accordance with the Environmental Protection Agency (EPA)’s work practice standards for conducting lead-based paint activities (40 CFR 745.227), the U.S. Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (Guidelines) with the 1997 & 2012 revisions, and the *Virginia Lead-Based Paint Activities Regulations* Title 54.1, Chapter 5 and local regulations. Samples were collected to represent component types; therefore it should be assumed that similar component types in the rest of that room or room equivalent also are finished with lead containing paint.
3.0 RESULTS AND RECOMMENDATIONS

Asbestos Results

Laboratory analysis indicated five (5) of the samples collected during the survey at 15 Randolph Avenue contained asbestos in quantities (>1%) to be considered an asbestos containing material (ACM).

Laboratory analysis indicated ten (10) of the samples collected during the survey contained trace amounts of asbestos (<1%), and are not considered asbestos containing materials.

Samples 01, 02, 03, 04, and 05 were collected from the exterior of the building. The material identified is roofing tar associated with the roof shingles and felt paper. This material contains 4% Chrysotile Asbestos. This material is non-friable, in significantly damaged condition, with a high potential for disturbance. Approximately 6500 square feet of this material was noted.

None of the remaining samples collected contained asbestos. Full sampling results can be found in Appendix A: Asbestos Bulk Sampling Results Table. EMSL’s Analytical Report is included in Appendix B.

Lead Based Paint Results

This is a report of the paint chip sampling to determine if surfaces to be disturbed are finished with lead containing paint. The presence or absence of lead containing paint only applies to surfaces tested or assessed on the dates of the field visits. Mr. Duncan collected a total of six (6) samples from the building.

According to HUD/EPA Guidelines, paint with concentrations of lead that exceed 0.5% by weight must be considered a lead-based paint (LBP). However, any detectable lead concentration in paint is defined by the Occupational Safety and Health Administration (OSHA) as lead-containing paints. Disturbance of these surfaces may contribute to the development of lead dust hazards and personal exposure to lead dusts. Personal exposure and the disturbance of lead-containing materials is regulated by OSHA in 29CFR 1910.1025 and 29CFR 1926.62. One (1) of the samples tested in the facility were identified as containing lead-based paint. EMSL’s Analytical Report is included in Appendix C.
<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Location</th>
<th>Component Description</th>
<th>Color</th>
<th>Lead Content (% wt.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-01</td>
<td>Exterior</td>
<td>Wall</td>
<td>Red</td>
<td>0.036</td>
</tr>
<tr>
<td>LP-02</td>
<td>Exterior</td>
<td>Wall</td>
<td>Red</td>
<td>0.70</td>
</tr>
<tr>
<td>LP-03</td>
<td>Exterior</td>
<td>Wood Trim</td>
<td>Blue</td>
<td>0.054</td>
</tr>
<tr>
<td>LP-04</td>
<td>Exterior</td>
<td>Wood Trim</td>
<td>Blue</td>
<td>0.052</td>
</tr>
<tr>
<td>LP-05</td>
<td>Interior</td>
<td>Ceiling</td>
<td>White</td>
<td>0.042</td>
</tr>
<tr>
<td>LP-06</td>
<td>Interior</td>
<td>Ceiling</td>
<td>White</td>
<td>0.026</td>
</tr>
</tbody>
</table>
4.0 DISCLAIMER

This inspection and report is written for and intended for the use of the Draper Aden Associates and their clients only. EI will not be held liable for any interpretations made, opinions formed, or conclusions drawn by any third party as a result of examining the lab results, inspection results or this report. Any interpretations, opinions, and conclusions will be those made, formed, and drawn solely by that third party.

We have endeavored to complete the services identified herein in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions at this project. No other representation, express or implied, is included or intended, and no warranty or guarantee is included or intended in this agreement, or any report, opinion, document, or other instrument of service.

This survey was limited to accessible building materials. Should additional suspect asbestos containing materials or lead based paint that were formerly inaccessible prior to the demolition process become accessible the building materials should be assumed asbestos containing or lead based paint until sampling proves otherwise. It is sometimes necessary to collect additional samples during the demolition process.
APPENDICES
APPENDIX A:

Asbestos Bulk Sampling Results Table
<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Material Description</th>
<th>Location</th>
<th>Asbestos (% &amp; Type)</th>
<th>Friability</th>
<th>Potential For Disturbance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Shingle</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>01A</td>
<td>Tar</td>
<td>Roof</td>
<td>4% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>01B</td>
<td>Tar Paper</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>02</td>
<td>Shingle</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>02A</td>
<td>Tar</td>
<td>Roof</td>
<td>4% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>02B</td>
<td>Tar Paper</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>03</td>
<td>Shingle</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>03A</td>
<td>Tar</td>
<td>Roof</td>
<td>4% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>03B</td>
<td>Tar Paper</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>04</td>
<td>Shingle</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>04A</td>
<td>Tar</td>
<td>Roof</td>
<td>4% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>04B</td>
<td>Tar Paper</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>05</td>
<td>Shingle</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>05A</td>
<td>Tar</td>
<td>Roof</td>
<td>4% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>05B</td>
<td>Tar Paper</td>
<td>Roof</td>
<td>&lt;1% Chrysotile</td>
<td>Non-friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>06</td>
<td>Skim Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>06A</td>
<td>Rough Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>07</td>
<td>Skim Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>07A</td>
<td>Rough Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>08</td>
<td>Skim Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>08A</td>
<td>Rough Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>Sample No.</td>
<td>Material Description</td>
<td>Location</td>
<td>Asbestos (% &amp; Type)</td>
<td>Friability</td>
<td>Potential For Disturbance</td>
<td>Condition</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------</td>
<td>----------</td>
<td>---------------------</td>
<td>------------</td>
<td>--------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>09</td>
<td>Skim Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>09A</td>
<td>Rough Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>10</td>
<td>Skim Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>10A</td>
<td>Rough Coat Plaster</td>
<td>Interior Wall</td>
<td>NAD</td>
<td>Friable</td>
<td>High</td>
<td>Significantly Damaged</td>
</tr>
<tr>
<td>11</td>
<td>Brick</td>
<td>Exterior Wall</td>
<td>NAD</td>
<td>Non-friable</td>
<td>High</td>
<td>Damaged</td>
</tr>
<tr>
<td>11A</td>
<td>Mortar</td>
<td>Exterior Wall</td>
<td>NAD</td>
<td>Non-friable</td>
<td>High</td>
<td>Damaged</td>
</tr>
<tr>
<td>12</td>
<td>Brick</td>
<td>Exterior Wall</td>
<td>NAD</td>
<td>Non-friable</td>
<td>High</td>
<td>Damaged</td>
</tr>
<tr>
<td>12A</td>
<td>Mortar</td>
<td>Exterior Wall</td>
<td>NAD</td>
<td>Non-friable</td>
<td>High</td>
<td>Damaged</td>
</tr>
<tr>
<td>13</td>
<td>Brick</td>
<td>Exterior Wall</td>
<td>NAD</td>
<td>Non-friable</td>
<td>High</td>
<td>Damaged</td>
</tr>
<tr>
<td>13A</td>
<td>Mortar</td>
<td>Exterior Wall</td>
<td>NAD</td>
<td>Non-friable</td>
<td>High</td>
<td>Damaged</td>
</tr>
</tbody>
</table>

*NAD: No Asbestos Detected*
APPENDIX B:

EMSL ANALYTICAL, INC
Laboratory Report - Asbestos
## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

<table>
<thead>
<tr>
<th>Sample</th>
<th>Description</th>
<th>Appearance</th>
<th>% Fibrous</th>
<th>% Non-Fibrous</th>
<th>Asbestos % Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-Shingle</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>25% Cellulose</td>
<td>5% Quartz 70% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>01-Tar</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>8% Quartz 88% Non-fibrous (Other)</td>
<td>4% Chrysotile</td>
<td></td>
</tr>
<tr>
<td>01-Tar Paper</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Fibrous Homogeneous</td>
<td>65% Cellulose</td>
<td>35% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>02-Shingle</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>25% Cellulose</td>
<td>5% Quartz 70% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>02-Tar</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>8% Quartz 88% Non-fibrous (Other)</td>
<td>4% Chrysotile</td>
<td></td>
</tr>
<tr>
<td>02-Tar Paper</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Fibrous Homogeneous</td>
<td>65% Cellulose</td>
<td>35% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>03-Shingle</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>30% Cellulose</td>
<td>8% Quartz 62% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>03-Tar</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>96% Non-fibrous (Other)</td>
<td>4% Chrysotile</td>
<td></td>
</tr>
<tr>
<td>03-Tar Paper</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Fibrous Homogeneous</td>
<td>65% Cellulose</td>
<td>35% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>04-Shingle</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Fibrous Homogeneous</td>
<td>45% Cellulose</td>
<td>5% Quartz 50% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>04-Tar</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Fibrous Homogeneous</td>
<td>2% Cellulose 94% Non-fibrous (Other)</td>
<td>4% Chrysotile</td>
<td></td>
</tr>
<tr>
<td>04-Tar Paper</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>60% Cellulose</td>
<td>40% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>05-Shingle</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Fibrous Homogeneous</td>
<td>20% Cellulose</td>
<td>5% Quartz 70% Non-fibrous (Other)</td>
<td>&lt;1% Chrysotile</td>
</tr>
</tbody>
</table>

Initial report from: 08/08/2017 09:17:51

Printed: 8/8/2017 9:17 AM
# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

<table>
<thead>
<tr>
<th>Sample</th>
<th>Description</th>
<th>Appearance</th>
<th>% Fibrous</th>
<th>% Non-Fibrous</th>
<th>Asbestos % Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>05-Tar</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Homogeneous</td>
<td>2%</td>
<td>94%</td>
<td>4% Chrysotile</td>
</tr>
<tr>
<td>05-Tar Paper</td>
<td>Shingle/ Tar Paper Roof</td>
<td>Black Homogeneous</td>
<td>60%</td>
<td>40%</td>
<td>&lt;1% Chrysotile</td>
</tr>
<tr>
<td>06-Skim Coat</td>
<td>Plaster Interior Wall System</td>
<td>White Homogeneous</td>
<td>15%</td>
<td>85%</td>
<td>None Detected</td>
</tr>
<tr>
<td>06-Rough Coat</td>
<td>Plaster Interior Wall System</td>
<td>Gray Homogeneous</td>
<td>10%</td>
<td>90%</td>
<td>None Detected</td>
</tr>
<tr>
<td>07-Skim Coat</td>
<td>Plaster Interior Wall System</td>
<td>White Homogeneous</td>
<td>25%</td>
<td>75%</td>
<td>None Detected</td>
</tr>
<tr>
<td>08-Skim Coat</td>
<td>Plaster Interior Wall System</td>
<td>White Homogeneous</td>
<td>30%</td>
<td>70%</td>
<td>None Detected</td>
</tr>
<tr>
<td>08-Rough Coat</td>
<td>Plaster Interior Wall System</td>
<td>Gray Homogeneous</td>
<td>10%</td>
<td>90%</td>
<td>None Detected</td>
</tr>
<tr>
<td>09-Skim Coat</td>
<td>Plaster Interior Wall System</td>
<td>White Homogeneous</td>
<td>20%</td>
<td>80%</td>
<td>None Detected</td>
</tr>
<tr>
<td>09-Rough Coat</td>
<td>Plaster Interior Wall System</td>
<td>Gray Homogeneous</td>
<td>20%</td>
<td>80%</td>
<td>None Detected</td>
</tr>
<tr>
<td>10-Skim Coat</td>
<td>Plaster Interior Wall System</td>
<td>White Homogeneous</td>
<td>25%</td>
<td>75%</td>
<td>None Detected</td>
</tr>
<tr>
<td>10-Rough Coat</td>
<td>Plaster Interior Wall System</td>
<td>Gray Homogeneous</td>
<td>10%</td>
<td>90%</td>
<td>None Detected</td>
</tr>
<tr>
<td>11-Brick</td>
<td>Exterior Brick/ Mortar</td>
<td>Red Homogeneous</td>
<td>40%</td>
<td>60%</td>
<td>None Detected</td>
</tr>
<tr>
<td>11-Mortar</td>
<td>Exterior Brick/ Mortar</td>
<td>Gray Homogeneous</td>
<td>35%</td>
<td>65%</td>
<td>None Detected</td>
</tr>
<tr>
<td>12-Brick</td>
<td>Exterior Brick/ Mortar</td>
<td>Red Homogeneous</td>
<td>40%</td>
<td>60%</td>
<td>None Detected</td>
</tr>
<tr>
<td>12-Mortar</td>
<td>Exterior Brick/ Mortar</td>
<td>Gray Homogeneous</td>
<td>40%</td>
<td>60%</td>
<td>None Detected</td>
</tr>
<tr>
<td>13-Brick</td>
<td>Exterior Brick/ Mortar</td>
<td>Red Homogeneous</td>
<td>40%</td>
<td>60%</td>
<td>None Detected</td>
</tr>
<tr>
<td>13-Mortar</td>
<td>Exterior Brick/ Mortar</td>
<td>Gray Homogeneous</td>
<td>30%</td>
<td>70%</td>
<td>None Detected</td>
</tr>
</tbody>
</table>
EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%.
### Asbestos Chain of Custody

**EMSL Analytical, Inc.**

**Order Number:** [411706016]

**Company Name:** EJ

**Address:**
- **Street:** 201 McCallough Dr., Suite 155
- **City:** Charlotte
- **State:** NC
- **Zip/Postal Code:** 28262
- **Country:** USA

**Contact Information:**
- **Telephone:** #196213724
- **Fax:** #196213724
- **Email:** cduncan@ei1.com

**Project Details:**
- **Project Name/Number:** IHROI010049.00 15 Randolph Ave, Pulevski, VA
- **State:** VA
- **CT Samples:** Commercial/Non-Exempt

**EMSL-Bill to:**
- **Same**
- **Different**
- **Note instructions in Comments**

**Third Party Billing:**
- Requires written authorization from third party

<table>
<thead>
<tr>
<th>Turnaround Time (TAT) Options*</th>
<th>Please Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Hour</td>
<td>☑</td>
</tr>
<tr>
<td>6 Hour</td>
<td>☑</td>
</tr>
<tr>
<td>24 Hour</td>
<td>☑</td>
</tr>
<tr>
<td>48 Hour</td>
<td>☑</td>
</tr>
<tr>
<td>72 Hour</td>
<td>☑</td>
</tr>
<tr>
<td>96 Hour</td>
<td>☑</td>
</tr>
<tr>
<td>1 Week</td>
<td>☑</td>
</tr>
<tr>
<td>2 Week</td>
<td>☑</td>
</tr>
</tbody>
</table>

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM-AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service.* Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

**Sample Details:**

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Sample Description</th>
<th>Volume/Area (Air)</th>
<th>Date/Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Shingle/Fascia Paper Roof</td>
<td>HA # (Bulk)</td>
<td>8/13/17</td>
</tr>
<tr>
<td>02</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>05</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Client Sample # (s):**
- **Relinquished (Client):**
  - **Name:** Curtis Duncan
  - **Date:** 8/14/17
- **Received (Lab):**
  - **Name:**
  - **Date:** 8/14/17

**Comments/Special Instructions:**
- Please copy Eric Cureton w/results ecureton@ei1.com

---

Page 1 of 2
Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Sample Description</th>
<th>Volume/Area (Air)</th>
<th>Date/Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>06</td>
<td>Plaster Interior Wall System</td>
<td></td>
<td>8/3/17</td>
</tr>
<tr>
<td>07</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Exterior Brick/Mortar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments/Special Instructions:
APPENDIX C:

EMSL ANALYTICAL, INC
Laboratory Report – Lead Paint
## Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

<table>
<thead>
<tr>
<th>Client Sample Description</th>
<th>Lab ID</th>
<th>Collected</th>
<th>Analyzed</th>
<th>Lead Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site: Red Exterior Paint</td>
<td>411706015-0001</td>
<td>8/7/2017</td>
<td>LP-01</td>
<td>0.036 % wt</td>
</tr>
<tr>
<td></td>
<td>8/3/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site: Red Exterior Paint</td>
<td>411706015-0002</td>
<td>8/7/2017</td>
<td>LP-02</td>
<td>0.70 % wt</td>
</tr>
<tr>
<td></td>
<td>8/3/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site: Blue Exterior Paint</td>
<td>411706015-0003</td>
<td>8/7/2017</td>
<td>LP-03</td>
<td>0.054 % wt</td>
</tr>
<tr>
<td></td>
<td>8/3/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site: Blue Exterior Paint</td>
<td>411706015-0004</td>
<td>8/7/2017</td>
<td>LP-04</td>
<td>0.052 % wt</td>
</tr>
<tr>
<td></td>
<td>8/3/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site: White Interior Paint</td>
<td>411706015-0005</td>
<td>8/7/2017</td>
<td>LP-05</td>
<td>0.042 % wt</td>
</tr>
<tr>
<td></td>
<td>8/3/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site: White Interior Paint</td>
<td>411706015-0006</td>
<td>8/7/2017</td>
<td>LP-06</td>
<td>0.026 % wt</td>
</tr>
<tr>
<td></td>
<td>8/3/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. “<” (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Charlotte, NC AIHA-LAP, LLC - ELLAP 192283

---

Kyle Collins, Technical Manager
or other approved signatory

---

Initial report from 08/08/2017 08:15:13
Lead (Pb) Chain of Custody
EMSL Order ID (Lab Use Only):

Company: ET
Street: 201 McCullough Dr., Suite 155
City: Charlotte
State/Province: NC
Zip/Postal Code: 28262
Country: USA

OrderID: 411706015
Project Name/Number: HR0170109.00 15 Randall Ave
CT Samples: Commercial/Taxable Residential/Tax Exempt
U.S. State Samples Taken: VA

Telephone #: 919-621-3729
Fax #: 704-525-2382

Email Address: cdwight@ei1.com
Please Provide Results: Yes

Third Party Billing requires written authorization from third party

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide**

<table>
<thead>
<tr>
<th>Turnaround Time (TAT) Options* - Please Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ 3 Hour</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Matrix</th>
<th>Method</th>
<th>Instrument</th>
<th>Reporting Limit</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chips</td>
<td>% by wt.</td>
<td>mg/cm²</td>
<td>ppm (mg/kg)</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td>Air</td>
<td>NIOSH 7082</td>
<td>NIOSH 7105</td>
<td>NIOSH 7300M/NIOSH 7303</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-7000B</td>
<td>SW846-6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-1311/7000B/SM 3111B</td>
<td>SW846-1311/6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-1312/7000B/SM 3111B</td>
<td>SW846-1312/6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>22 CCR App. II, 7000B/7420</td>
<td>22 CCR App. II, 6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>22 CCR App. II, 7000B/7420</td>
<td>22 CCR App. II, 6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-7000B</td>
<td>SW846-6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-1311/7000B/SM 3111B</td>
<td>SW846-1311/6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-1312/7000B/SM 3111B</td>
<td>SW846-1312/6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>22 CCR App. II, 7000B/7420</td>
<td>22 CCR App. II, 6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>22 CCR App. II, 7000B/7420</td>
<td>22 CCR App. II, 6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-7000B</td>
<td>SW846-6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-1311/7000B/SM 3111B</td>
<td>SW846-1311/6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>SW846-1312/7000B/SM 3111B</td>
<td>SW846-1312/6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>22 CCR App. II, 7000B/7420</td>
<td>22 CCR App. II, 6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td>22 CCR App. II, 7000B/7420</td>
<td>22 CCR App. II, 6010B or C</td>
<td>ICP-OES</td>
<td>Flame Atomic Absorption</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Graphite Furnace AA</td>
</tr>
</tbody>
</table>

Other:

Name of Sampler: R. Curtis Dwyer
Signature of Sampler: R. Curtis Dwyer

Sample # | Location | Volume/Area | Date/Time Sampled
----------|----------|-------------|-------------------
LP-01 | Red Exterior Paint | — | 8/3/17
LP-02 | — | — | —

Client Sample #: —
Total # of Samples: 6

Relinquished (Client): —
Date: 8/3/17
Time: —

Received (Lab): —
Date: 8/7/17
Time: —

Comments: Please copy Eric Cureton \*results ecureton@ei1.com
**Lead (Pb) Chain of Custody**

**EMSL Order ID (Lab Use Only):**

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Location</th>
<th>Volume/Area</th>
<th>Date/Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-03</td>
<td>Blue Exterior Paint</td>
<td></td>
<td>8/3/17</td>
</tr>
<tr>
<td>LP-04</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP-05</td>
<td>White Interior Paint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP-06</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Comments/Special Instructions:**

Page 2 of 2 pages
APPENDIX D

Employee Professional Licensure
COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

ROBERT CURTIS DUNCAN
925 HALSEY KNOB RD
SPARTA, NC 28675-0000

Status can be verified at http://www.dpor.virginia.gov
COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
LEAD RISK ASSESSOR LICENSE

ERIC DAVID CURETON

[Redacted]

Status can be verified at http://www.dpor.virginia.gov

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation
BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
LEAD RISK ASSESSOR LICENSE
NUMBER: 33560000811  EXPIRES: 11-30-2017
ERIC DAVID CURETON

[Redacted]

Status can be verified at http://www.dpor.virginia.gov
APPENDIX E

Qualifications of Environmental Professionals
Mr. Miller’s field experience includes soil, ground water, surface water, storm water, and wastewater sampling for the private sector and government agencies. Responsible for writing reports, developing and monitoring project schedules and budgets, managing project teams, conducting field investigations, analyzing data, and maintaining client relationships.

**Phase I ESA and Remediation Assessment, City of Roanoke, VA:** Senior Project Geologist for preparation of Phase I ESA for a former paint manufacturing facility under the City of Roanoke’s EPA Brownfields Assessment Grant. Evaluated previously collected soil and groundwater analytical data for the site. Prepared a remediation assessment and cost estimate for removal of soil impacted with VOCs, PAHs, petroleum hydrocarbons, and PCBs.

**Phase I and Phase II Environmental Site Assessments, City of Roanoke, VA:** Senior Project Geologist for preparation of Phase I and Phase II ESAs for a former scrap metal recycling facility under the City of Roanoke’s EPA Brownfields Assessment Grant. Evaluated previously collected soil analytical data and conducted subsurface investigations to further assess an area with PCB-impacted soils as well as groundwater conditions beneath the site. Prepared a remediation assessment and cost estimate for removal of soil impacted with lead and PCBs.

**Former Singer Furniture Manufacturing Facility, Roanoke, VA:** Phase II ESA, groundwater monitoring, contaminated material management and coordination of Brownfield redevelopment.

**Federal Industrial Facility, Southwest VA:** Project Manager for development of an alternate source demonstration for groundwater impacted by trichloroethene at a hazardous waste management unit at a manufacturing facility, underlain by structurally deformed carbonate bedrock with well-developed karst features.

**USEPA Consent Order, Campus-wide Solid Waste Management Units, Virginia Tech, Blacksburg, VA:** Senior Project Geologist. Providing services related to tasks required under a USEPA consent order, which Virginia Tech entered into with USEPA in 2010.

**Groundwater Monitoring, Virginia Tech Landfill, Blacksburg, VA:** Senior Project Geologist. On-going annual groundwater monitoring and reporting at Virginia Tech’s closed sanitary landfill.
Janet C. Frazier
Senior Environmental Scientist/Environmental Program Manager

Ms. Frazier’s experience in environmental consulting includes conducting environmental assessments (i.e., Due diligence/Phase 1/Phase II ESAs) to support pre-acquisition property transfers. She has extensive experience in database management, data validation and data quality assurance/quality control planning.

As a senior associate with the firm and program manager, she is responsible for project design, sample collection, analysis and reporting for a broad range of environmental projects. Her work also includes environmental compliance assistance to the public and private sector for projects administered under CAA, CWA, FIFRA, EPCRA, RCRA, CERCLA and state regulatory programs.

Brownfields Environmental Consulting Services, City of Roanoke, VA: Project Manager. City-wide hazardous substances, dry cleaners and UST inventory, Phase I and Phase II Environmental Site Assessments (ESA) of brownfields sites in the City (USEPA’s Brownfield Grants).

Brownfields Project, Town of Pulaski, VA: Senior Environmental Scientist. Phase I and Phase II ESA, including sampling and analysis plan (SAP) of brownfield sites for the Town of Pulaski under USEPA’s Brownfield Assessment Grant.

Brownfields Property Redevelopment, City of Bristol, VA: Data Quality Assurance Manager. Phase I and Phase II ESA under the City’s Targeted Brownfields Assessment Program for a former industrial/warehouse building site.

Brownfields Project, Town of Hurt, VA: Phase I ESA and Phase II ESA planning for industrial site under a VDEQ Brownfields Grant.

Phase I and Phase II Environmental Site Assessments (ESA): Conducted hundreds of Phase I ESAs since 1990 for municipal, industrial and commercial clients in the Pacific Northwest, Virginia, North Carolina, and Tennessee. Managed and conducted Phase II ESAs to assess soil and groundwater conditions. Work included coordination and assisting in the evaluation of corrective action measures. Work also included assessment for potential radon, lead-based paint, and wetlands.
Mr. Nathella is Environmental Team Leader in the firm’s Blacksburg office. His responsibilities include performing environmental site assessments/facility investigations, managing and executing environmental projects, data evaluations, statistical analyses, multimedia assessment, risk analyses, remediation assessment and design, design and maintenance of environmental data management systems, and management of industrial air and waste emissions and permit programs.

Brownfields Project, Town of Pulaski, VA: Environmental Engineer/Project Manager for services being provided for the Town under EPA’s Brownfields Assessment Grant, including site selection and inventory, Phase I and Phase II Environmental Site Assessments (ESA) and project planning documents.

Brownfields Site Assessment, City of Staunton, VA: Environmental Project Manager for the completion of a Phase II ESA on the former Western State Hospital site located in the City.

Brownfields Property Redevelopment, City of Bristol, VA: Environmental Project Manager for the completion of Phase I and Phase II ESA under the City’s Targeted Brownfields Assessment Program for a former industrial/warehouse building site.

New River Industries Phase I ESA, Fairlawn, VA: Complete Phase I ESA on New River Industries’ Fairlawn facility (former AT&T facility).

Former Lead Acid Battery Recycling Facility, Coeburn, VA: Project Engineer. Site assessment, site cleanup design and preliminary cleanup, and additional cleanup design at a former lead acid battery recycling site with lead impacts to soils and groundwater.

AERC, Richmond, VA: Engineer of Record on RCRA Facility Investigation (RFI) work being performed in accordance with DEQ Consent Order; work includes RFI Work Plan preparation, RFI, remedial action and closure of alleged improper hazardous waste management at a former universal waste recycling facility.

Rehrig Corporation, Richmond, VA: Engineer of Record on RFI work being performed in accordance with EPA Consent Order; work includes RFI, closure planning, remedial action and closure of a former industrial facility.

Site Evaluation for Former Wood Treatment Facility, Radford University, Radford, VA: Environmental Engineer. Environmental Engineer. Evaluation of the current environmental quality of soils in a 1.18+/- acre portion of a former wood treatment facility. The evaluation included usability of the site for future purposes in lieu of a deed restriction that would prevent most future uses including any deep excavations on that portion of the subject site.