# PHASE I ENVIRONMENTAL SITE ASSESSMENT



FORMER MUFFY'S C-STORE

2024 CRESTRIDGE ROAD BASSETT, HENRY COUNTY, VIRGINIA 24055 ECS PROJECT NO. 47:5181

**FOR** 

**CARTER BANK AND TRUST** 

**DECEMBER 7, 2017** 



Geotechnical • Construction Materials • Environmental • Facilities

December 7, 2017

Tom Choiniere Carter Bank and Trust 1300 Kings Mountain Road Martinsville, Virginia 24112

ECS Project No. 47:5181

Reference: Phase I Environmental Site Assessment Report, Former Muffy's C-Store, 2024 Crestridge Road, Bassett, Henry County, Virginia 24055

Dear Mr. Choiniere:

ECS Mid-Atlantic, LLCECS Mid-Atlantic, LLC (ECS) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS services were provided in general accordance with the Master Service Agreement in place between ECS and Carter Bank and Trust dated November 7, 2017 and generally meet the requirements of ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

Sincerely,

ECS Mid-Atlantic, LLC

Alexandra Moon Project Manager amoon@ecslimited.com

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William R. Leonard, C.P.G. Principal Geologist wleonard@ecslimited.com 757-229-6677

# **Project Summary**

Former Muffy's C-Store 2024 Crestridge Road Bassett, Virginia 24055

| Rep | ort Section                                   | No<br>Further<br>Action | REC      | CREC | HREC | BER | Comment   |
|-----|---|-------------------------|----------|------|------|-----|---|
| 4.0 | User Provided<br>Information                  | <b>~</b>                |          |      |      |     |   |
| 5.1 | Federal ASTM<br>Databases                     | <b>~</b>                |          |      |      |     |   |
| 5.2 | State ASTM<br>Databases                       |                         | <b>~</b> |      |      |     | The site has operated as a filling station since at least 1977. The historic and continuous use of the site as a filling station is a REC for the subject property. |
| 5.3 | Additional<br>Environmental<br>Record Sources | <b>~</b>                |          |      |      |     |   |
| 6.0 | Historical Use<br>Information                 |                         | <b>~</b> |      |      |     | On the 1977 and later aerial photographs reviewed, the subject property appears to be developed with a filling station.   |
| 7.0 | Site and Area<br>Reconnaissance               |                         | <b>~</b> |      |      |     | The presence of USTs, and the historical use of the subject property is considered to be a REC for the subject property.  |
| 8.0 | Additional<br>Services                        | <b>~</b>                |          |      |      |     |   |
| 9.0 | Interviews                                    | <b>~</b>                |          |      |      |     |   |



#### **ENVIRONMENTAL PROFESSIONAL STATEMENT**

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

Alexandra Moon Project Manager

alexalua Moon

December 7, 2017

William R. Leonard, C.P.G. Principal Geologist

December 7, 2017



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#### **1.0 EXECUTIVE SUMMARY**

ECS Mid-Atlantic, LLC (ECS) was contracted by Carter Bank and Trust to perform an ASTM E1527-13, Phase I Environmental Site Assessment (ESA) of the Former Muffy's C-Store located at 2024 Crestridge Road in Bassett, Henry County, Virginia (i.e. subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

The subject property is identified by Henry County as 007835000 and is owned by Carter Bank and Trust. The approximately 0.5-acre subject property is occupied by a former filling station and convenience store. The subject property is serviced by private drinking water well and septic system.

The subject property is located in a residential area of Bassett. The subject property is bound on the north by residential properties, on the east by Crestridge Road followed by residential properties, on the south by residential properties, and on the west by undeveloped, wooded land. We did not identify adjoining or nearby properties that are considered a Recognized Environmental Condition (REC) for the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property was developed with a structure in at least 1951. The current onsite structures are present on the 1977 and later aerial photographs reviewed. Historical records prior to 1951 were not reasonably ascertainable for the subject property or did not provide meaningful information concerning the property. Our review of historical information for adjoining or nearby properties identified the area as originally undeveloped agricultural and wooded land that transitioned to residential use.

A regulatory database search report was provided by Environmental Data Resources, Inc. (EDR). The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the UST database. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of available public records, none of the listings are believed to represent a REC for the subject property with the exception of the on-site USTs.

ASTM E1527-13 defines a "data gap" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information". Data gaps which would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-13 of the Former Muffy's C-Store located at 2024 Crestridge Road, in Bassett, Henry County, Virginia. Exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

• The subject property has operated as a filling station since at least 1977 and possibly earlier. The site currently has two USTs reported as temporarily closed and three USTs reported as



removed from the ground. The historic use of the property as a filling station is a REC for the subject site due to the potential for subsurface petroleum contamination.



#### 2.0 INTRODUCTION

# 2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- evaluate the probability of impact to the surface water, groundwater and/or soils within the
  property boundaries through a review of regulatory information and a reconnaissance of the
  subject property and vicinity;
- evaluate historical land usage to identify previous conditions that could potentially impact the environmental condition of the subject property;
- conduct all appropriate inquiry as defined by ASTM E1527-13 and 40 CFR Part 312;
- evaluate the potential for on-site and off-site contamination; and,
- provide a professional opinion regarding the potential for environmental impact at the site and a list of Recognized Environmental Conditions (RECs).

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527- 13 standard.

The reason for conducting this ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property prior to a scheduled property auction.

## 2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-13 and EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by Carter Bank and Trust to perform an ASTM E1527-13, Phase I Environmental Site Assessment (ESA) of the Former Muffy's C-Store located at 2024 Crestridge Road in Bassett, Henry County, Virginia. ECS was not contracted to address non-scope considerations.

#### 2.3 Definitions

ASTM E1527-13 defines a "recognized environmental condition (REC)" as "the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: 1) due to release to the environment, 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment." For the purposes of this practice, "migrate" and "migration" refer to the movement of hazardous substances or petroleum products in any form including solid and liquid at the surface or subsurface and vapor in the subsurface.



ASTM E1527-13 defines a "business environmental risk" (BER) as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice". ECS also uses the term "Other Environmental Considerations" to discuss BERs and environmental concerns outside of the ASTM E1527-13 requirements (radon, asbestos, lead, wetlands, etc.). Client-imposed limitations and site condition limitations, if encountered, are detailed in Section 7.1 Methodology and Limiting Conditions.

ASTM E1527-13 defines a "de minimis condition" as a condition that generally does not represent 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. De minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

ASTM E1527-13 defines a "controlled recognized environmental condition (CREC)" as 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). A condition identified as a controlled recognized environmental condition does not imply that the Environmental Professional has evaluated or confirmed the adequacy, implementation or continued effectiveness of the required control that has been, or is intended to be, implemented.

ASTM E1527-13 defines a "historical recognized environmental condition (HREC)" as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential 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 (for example, if there has been a change in the regulatory criteria).

#### 2.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. No non-scope considerations or additional issues such as asbestos, radon, wetlands or mold were investigated, unless otherwise described in Section 8.0 of this report.

Note: vapor migration in the subsurface is described in Guide E2600 published by ASTM. ECS has not conducted a Vapor Encroachment Screen in accordance with the E2600 guide.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same



profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with the subject property; however, no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of Carter Bank and Trust. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance.

## 2.5 Data Gaps

Data failures (historical data gaps) were identified during the historical research of this subject property. Use of the subject property was generally documented back to 1926. Historical information was missing for various periods. However, due to the apparent historical use, the present use, and the other information that was obtained about the subject property, the historical data gaps are not expected to impact our ability to render a professional opinion regarding the subject property. Additionally, ECS did not conduct occupant interviews as part of this assessment. Based on the continuous use of the site and adjoining properties, these data gaps are not anticipated to affect our ability to render a professional opinion concerning the property's environmental quality.

## 2.6 Limiting Conditions/Deviations

ASTM E1527-13 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-13 standard, if any, including client-imposed constraints.

Limiting conditions and/or deviations from the standard practice which would be expected to impact our ability to provide a professional opinion concerning the subject property were not encountered during the performance of this Phase I ESA.



# **3.0 SUBJECT PROPERTY DESCRIPTION**

# 3.1 Subject Property Location and Legal Description

| Site Name                     | Former Muffy's C-Store  |
|-------------------------------|---|
| Property Address              | 2024 Crestridge Road  |
| Property City, State          | Bassett, Virginia   |
| Property County               | Henry County  |
| Number of Parcels             | One Parcel  |
| Property ID Number(s)         | 007835000   |
| Property Size                 | Approximatly 0.5 Acres  |
| Property Owner of Record      | Carter Bank and Trust   |
| Property Legal<br>Description | As provided on the Henry County Property Information Website:<br>BLACKBERRY KOGER CRK ST RD 698 |

# 3.2 Physical Setting and Hydrogeology

| USGS Topographic Map                                       |  |
|--|--|
| <b>Quad Designation</b>                                    | Sanville, Virginia                         |
| Date   | 2013                                       |
| <b>Subject Property Settings</b>                           |  |
| Average Subject<br>Property Elevation (in ft<br>or meters) | 1100 feet above mean sea level.            |
| General Sloping Direction                                  | The site is located on a topographic knoll |
| <b>Bodies of Water</b>                                     | None                                       |
| General Directions of<br>Surface Flow                      | East                                       |
| Presumed Direction of Groundwater Flow                     | Varies                                     |
| Geologic Province  | Piedmont                                   |
| Up-gradient Property<br>Direction                          | None                                       |



| Nearby Properties' Setting             | Nearby Properties' Setting  |  |  |
|--|---|--|--|
| General Sloping<br>Direction           | Varies  |  |  |
| Bodies of Water                        | Kroger Creek is located approximately 1,850 feet northwest of the subject site. Bull Run is located approximately 1,390 feet southeast of the subject site. |  |  |
| General Directions of<br>Surface Flow  | Varies  |  |  |
| Presumed Direction of Groundwater Flow | Varies  |  |  |

Regional influences such as building sumps, dewatering, karst conditions, impermeable soils, etc. may have an impact on groundwater flow. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

# 3.3 Current Use and Description of the Site

The subject property consists of an approximately 0.5-acre parcel of land that is currently vacant. The subject property is improved with a gas station and convenience store. The subject property is located in an area that can generally be described as residential.



#### 4.0 USER PROVIDED INFORMATION

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for Recognized Environmental Conditions associated with the subject property. The ASTM E1527-13 User Questionnaire was submitted to and completed by Tom Choiniere, representing Carter Bank and Trust (User of the report). Section 4.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

#### 4.1 Title Information

ECS was not provided with title information by the User. ECS did obtain a commitment for title insurance document from the real estate auction company (Woltz & Associates) website. This document defines the property and the property owner. No information that would indicate an environmental concern was observed in this document (attached in Appendix II). If additional information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

# 4.2 Environmental Liens or Activity and Use Limitations

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA. If the activity use information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

## 4.3 Specialized Knowledge

The User indicated that they did not possess specialized knowledge of the subject property.

## 4.4 Commonly Known or Reasonably Ascertainable Information

The User indicated that they were not aware of commonly known environmental concerns related to the subject property.

#### 4.5 Valuation Reduction for Environmental Issues

According to the User, the purchase price being paid for the subject property reasonably reflects its fair market value.

# 4.6 Owner, Property Manager, and Occupant Information

The User indicated that the subject property is owned by Carter Bank and Trust.



# **4.7 Degree of Obviousness**

The User stated that they were not aware of obvious indicators that point to the presence or likely presence of contamination at the subject property.



#### **5.0 RECORDS REVIEW**

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

| Standard Environmental<br>Record Sources                          | Approximate Minimum Search Distance Per ASTM (miles) | Subject<br>Property | Off-Site<br>Properties |
|---|--|---------------------|------------------------|
| Federal NPL   | 1.0  | No                  | 0                      |
| Federal Delisted NPL  | 0.5  | No                  | 0                      |
| Federal CERCLIS   | 0.5  | No                  | 0                      |
| Federal CERCLIS NFRAP   | 0.5  | No                  | 0                      |
| Federal RCRA CORRACTS   | 1.0  | No                  | 0                      |
| Federal RCRA<br>non-CORRACTS TSD                                  | 0.5  | No                  | 0                      |
| Federal RCRA Generators   | Subject Site and Adjoining Properties                | No                  | 0                      |
| Federal IC/EC   | Subject Site Only                                    | No                  | 0                      |
| Federal ERNS  | Subject Site Only                                    | No                  | 0                      |
| State and Tribal Hazardous<br>Waste Sites<br>(NPL Equivalent)     | 1.0  | No                  | 0                      |
| State and Tribal Hazardous<br>Waste Sites<br>(CERCLIS Equivalent) | 0.5  | No                  | 0                      |
| State and Tribal Landfill<br>and/or solid waste<br>disposal sites | 0.5  | No                  | 0                      |
| State and Tribal Leaking<br>Tanks                                 | 0.5  | No                  | 2                      |



| Standard Environmental<br>Record Sources    | Approximate Minimum Search Distance Per ASTM (miles) | Subject<br>Property | Off-Site<br>Properties |
|---|--|---------------------|------------------------|
| State and Tribal Registered<br>UST and AST  | Subject Site and Adjoining Properties                | Yes                 | 0                      |
| State and Tribal IC/EC                      | Subject Site Only                                    | No                  | 0                      |
| State and Tribal Voluntary<br>Cleanup (VCP) | 0.5  | No                  | 0                      |
| State and Tribal<br>Brownfield Sites        | 0.5  | No                  | 0                      |

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory record search was performed by EDR and is dated November 30, 2017. ECS did not reduce the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by EDR.

#### 5.1 Federal ASTM Databases

Neither the subject property nor properties within the designated search radii were identified on the federal databases researched for this assessment.

#### **5.2 State ASTM Databases**

## 5.2.1 Leaking Underground Storage Tank (LUST) List

The LUST list is a record of reported leaking underground storage tank incidents. The LUST list may also identify properties that have had soil and/or groundwater contamination associated with documented releases from aboveground storage tanks, surface spills, and other sources.

The EDR report lists two facilities within the search radius for the database. These facilities are located greater than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not consider these listings to be RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

#### 5.2.2 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.



The subject property was identified on the UST database. According to the database and information provided by the VA DEQ, The site is listed as having three USTs reported as removed from the ground in 1998. Soil samples collected at the time of closure are reported as below detection limits. The site is also listed as containing two USTs, installed in 1999, reported as temporarily out of use. This entails removing all of the product from the USTs to below 1 inch and locking and securing the fill ports. After review of the information, it is ECS' opinion that based upon continuous historic use of the site as a filling station, the listing is considered a recognized environmental condition for the subject property.

# 5.2.3 Aboveground Storage Tank (AST) Database

The AST Database is a list of facilities that have registered ASTs with the state regulator.

The subject property was identified on the AST database. According to the database and information provided by the DEQ, the site is registered as containing 1,000-gallon kerosene AST reported as currently in use. After review of the information, it is ECS' opinion that based upon the long term, historic use of the site as a filling station, the listing is considered a recognized environmental condition for the subject property.

#### 5.3 Additional Environmental Record Sources

#### **5.3.1 Additional Non-ASTM Federal Databases**

Neither the subject property nor properties within the designated search radii were identified on the additional non-ASTM federal databases researched for this assessment.

#### **5.3.2 Additional Non-ASTM State Databases**

Neither the subject property nor properties within the designated search radii were identified on the additional non-ASTM state databases researched for this assessment.

## **5.3.3 Other Proprietary Databases**

Neither the subject property nor properties within the designated search radii were identified on the other proprietary databases researched for this assessment.

# 5.3.4 Unmapped (Orphan) Facilities and Sites

No properties were identified on the Orphan Summary List.

#### **5.4 Regulatory Review Summary**

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identify the subject property on the databases researched. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of available public records, ECS does



not consider the listings to be potential sources of soil, groundwater or vapor impact to the subject property with the exception of the following:

• The site has operated continuously as a filling station since at least 1977 and while the USTs are reported as temporarily out of use and no releases are reported for the site, current or previous USTs have the potential to impact the subject site.



#### **6.0 HISTORICAL USE INFORMATION**

## **6.1 Aerial Photograph Review**

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage which may indicate potential environmental issues. The aerial photographs were obtained from EDR. The aerial photographs reviewed were dated 1951, 1964, 1977, 1982, 1990, 1996, 2000, 2005, 2006, 2009, 2011, and 2012. Aerial photographs dated prior to 1951 were not available for review. The ECS review is dependent on the quality and scale of the photographs. The following is a description of relevant information from the aerial photographs:

| Year(s)              | Subject Property   | Adjoining Properties   | REC?<br>(yes<br>or<br>no) |
|----------------------|--|--|---------------------------|
| 1951                 | The site appears to be developed with a structure and scattered trees. | North - Scattered trees and cleared land. East - Road with a T-Intersection and cleared, agricultural land. South - Cleared, agricultural land. West - Densely wooded land.                | Yes                       |
| 1964                 | Based on the scale and quality, detail are not discernible.            | Based on the scale and quality, detail are not discernible.  |                           |
| 1977 - 2012          | The site appears to be developed with the current onsite structure.    | North - Residential type structures. East - Road with a T-Intersection and cleared, land and residential type structures. South - Residential type structures. West - Densely wooded land. |                           |
| 1982 -<br>1990; 2000 | Based on the scale and quality, detail are not discernible.            | Based on the scale and quality, detail are not discernible.  |                           |

# 6.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS utilized EDR to search for historical Sanborn Fire Insurance Maps (Sanborn) for the subject property and surrounding area. Sanborn maps were not available for this area. The absence of such maps generally indicates that the subject property is located in an area where Sanborn maps were not produced because the area was rural or it was not economically feasible. ECS does not expect the lack of Sanborn maps to impact our ability to render a professional opinion concerning the subject property given the amount of historical information obtained from our research, the USGS topographic map, aerial photographs, city directories, and other historical records obtained. A copy of the Unmapped Property report is included within Appendix IV.



# **6.3 Property Tax Files**

Property tax files may include records of past ownership, appraisals, maps, sketches, photos or other information kept by the local jurisdiction for property tax assessment purposes. According to the Henry County tax assessor on-line information, the subject property is owned by Carter Bank and Trust. The subject property is listed with an identification number of 007835000.

#### **6.4 Recorded Land Title Records**

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

ECS was not provided with Land Title Records.

# **6.5 Historical USGS Topographic Maps**

Topographic maps are produced by the United States Geological Survey (USGS) for various time periods. ECS reviewed topographic maps of the subject property and immediately surrounding properties for evidence of former usage which may indicate potential environmental issues. The topographic maps were obtained from EDR. The topographic maps reviewed were dated 1926, 1928, 1967, 1983, and 2013. Topographic maps dated prior to 1926 were not available for review. The ECS review is dependent on the scale of the maps. The following is a description of relevant information from the topographic maps:

| Year(s)     | Subject Property                         | Adjoining Properties  | REC?<br>(yes<br>or<br>no) |
|-------------|--|---|---------------------------|
| 1926 - 1928 | The site appears to be undeveloped.      | North - A structure is depicted. East - A road with a T-intersection and undeveloped land. South - No structures are depicted. West - No structures are depicted. | No                        |
| 1967 - 1983 | The site is depicted with one structure. | North - A structure is depicted.  East - A road with a T-intersection and undeveloped land.  South - A structure is depicted.  West - Shaded as wooded land.      | No                        |



| Year(s) | Subject Property  | Adjoining Properties  | REC?<br>(yes<br>or<br>no) |
|---------|---|---|---------------------------|
| 2013    | In general, this year topographic map does not depict structures. | In general, this year topographic map does not depict structures. A road with a T-intersection is depicted to the east and the western surrounding area is shaded as wooded land. | No                        |

## **6.6 City Directory Review**

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as City Directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directories information is limited.

ECS reviewed city directories obtained from EDR. The directories reviewed were dated 1992, 1995, 2000, 2005, 2010, and 2014. Directories dated prior to 1992 were not available for review. The subject property address utilized for the research was 2024 Crestridge Road. The directories reviewed did not list the subject property and the surrounding properties were reported as residential.

# **6.7 Building Department Records**

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the property.

ECS contacted the Henry County Building Department to determine if they had historical information regarding construction dates, inspections, or other information regarding the subject property. A Freedom of Information Act request was submitted to the Building Department on December 1, 2017. No information has been received at the time of the report completion. If information is received that changes the conclusions or recommendations of this report, ECS will forward the information to the Client.

## **6.8 Zoning/Land Use Records**

The term zoning/land use records refers to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. ECS reviewed zoning/land use records obtained from Henry County. The subject property is currently zoned B1 - Business.

#### 6.9 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information.



ECS contacted the Henry County Fire Department to determine if they had historical information regarding construction dates, inspections, or other information regarding the subject property. A FOIA request was submitted to the Fire Department on December 1, 2017. No information has been received at the time of the report completion. If information is received that changes the conclusions or recommendations of this report, ECS will forward the information to the Client.

ECS contacted the Henry County Health Department to determine if they had historical information regarding construction dates, inspections, or other information regarding the subject property. A FOIA request was submitted to the Health Department on December 1, 2017. No information has been received at the time of the report completion. If information is received that changes the conclusions or recommendations of this report, ECS will forward the information to the Client.

## **6.10 Previous Reports**

We have not been provided with environmental or engineering assessment reports for the subject property completed by others, nor has ECS completed similar studies or prior assessments of the subject property.

# **6.11 Historical Use Summary**

According to historical research, the subject property appears to have been developed with a small structure since at least 1951 and the area has developed slowly from a primarily agricultural use to a residential use.

No obvious indications of RECs were identified in the historical data review with the exception of the subject site being developed as a filling station on the 1977 and later aerial photographs reviewed.



#### 7.0 SITE AND AREA RECONNAISSANCE

# 7.1 Methodology

ECS conducted the field reconnaissance on December 1, 2017. The weather at the time of the reconnaissance was 50 degrees Fahrenheit and sunny. Observations were made from a walking reconnaissance around the perimeter, around the buildings, through the buildings and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 2.6. Subject property photographs are included in Appendix V.

#### 7.2 On-Site Features

The subject property contains a vacant gasoline station/convenience store, asphalt areas, gravel areas, and grass covered areas. The subject property is developed with a one-story building. The property is serviced by a private well and septic system. The convenience store contains a service counter, retail areas, a kitchen and coolers.

Fills ports and vent pipes indicative of USTs were observed at the subject property. According to the EDR, there are two 2,000-gallon USTs used for storing gasoline. The USTs were installed in 1999. A fuel dispenser island with two fuel dispensers is located on the eastern portion of the subject property. Below grade piping connects the USTs to the fuel dispensers.

In addition, three ASTs were observed on the subject property. One 1,000-gallon AST used for storing kerosene, and two 275-gallon ASTs utilized for storing diesel fuel for a back-up generator.

One pole-mounted transformer was located near the property boundary. The transformer is owned and maintained by power company. We did not observe evidence of leakage or staining in the vicinity of the transformers

The table below lists pertinent features of interest that were assessed for the subject property. Relevant information regarding pertinent features is discussed further in this section.

| Feature   | Yes      | No       |
|---|----------|----------|
| Underground or aboveground storage tanks  | ✓        |          |
| Strong, pungent or noxious odors  |          | <b>~</b> |
| Surface waters  |          | <b>~</b> |
| Standing pools of liquid likely containing petroleum or hazardous substances                |          | ~        |
| Drums or containers of petroleum or hazardous substances greater than five-gallons          |          | ~        |
| Drums or containers of petroleum or hazardous substances less than or equal to five-gallons | <b>✓</b> |          |



| Feature   | Yes      | No       |
|---|----------|----------|
| Unidentified opened or damaged containers of hazardous substances or petroleum products       |          | ~        |
| Known or suspect PCB-containing equipment (excluding light ballasts)                          | ~        |          |
| Stains or corrosion to floors, walls or ceilings  |          | ~        |
| Floor drains and sump pumps   |          | ~        |
| Pits, ponds or lagoons  |          | ~        |
| Stained soil or pavement  |          | ~        |
| Stressed vegetation   |          | ~        |
| Solid waste mounds or non-natural fill materials  |          | ~        |
| Wastewater discharges into drains, ditches or streams   |          | ~        |
| Groundwater wells including potable, monitoring, dry, irrigation, injections and/or abandoned |          | <b>~</b> |
| Septic systems or cesspools   |          | ~        |
| Elevators   |          | <b>✓</b> |
| Dry cleaning  |          |          |
| Onsite emergency electrical generators  | <b>✓</b> |          |
| Specialized industrial equipment (paint booths, bag houses, etc.,) on-site                    |          | ~        |
| Hydraulic lifts   |          | <b>✓</b> |
| Oil-water separators  |          | <b>~</b> |
| Compressors on-site   |          | <b>✓</b> |
| Grease traps  |          | <b>✓</b> |

# 7.2.1 Underground or aboveground storage tanks

Fills ports and vent pipes indicative of USTs were observed at the subject property. According to the EDR, there are two 2,000-gallon USTs used for storing gasoline. The USTs were installed in 1999. A fuel dispenser island with two fuel dispensers is located on the eastern portion of the subject property. Below grade piping connects the USTs to the fuel dispensers.

In addition, three ASTs were observed on the subject property. One 1,000-gallon steel AST, used for storing kerosen is connected to a to an adjacent fuel dispenser located at the front of the subject building. The other tanks are 275-gallon ASTs utilized for storing diesel fuel for a back-up generator,



located behind the subject building. Staining was not observed in the vicinity of the ASTs, dispensers, or piping.

# 7.2.2 Drums or containers of petroleum or hazardous substances less than or equal to fivegallons

Several containers of were general household cleaners and automotive chemicals were observed in the subject building. Staining was not observed on the containers and the ground surfaces in the vicinity of the containers.

#### 7.2.3 Known or suspect PCB-containing equipment (excluding light ballasts)

A pole mounted transformer is located near the subject property boundary. The transformer is owned and maintained the power company. No 'non-PCB' containing stickers were observed on the transformer. Staining, which could be indicative of leakage, was not observed on the transformer or surfaces in the vicinity of the transformer.

## 7.2.4 Onsite Emergency Electrical Generators

A diesel powered emergency generator was observed behind the subject building. The diesel fuel is stored in two 275-gallon ASTs located beside the generator. Staining or petroleum odors were not detected in the vicinity of the diesel generator.

# 7.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a residential area of Bassett, Henry County, Virginia.

| Direction | Description   | Relative Gradient | REC |
|-----------|---|-------------------|-----|
| North     | The subject property is bound to the north by residential properties.                             | Cross-gradient    | No  |
| East      | The subject property is bound to the east by Crestridge Road, followed by residential properties. | Down-gradient     | No  |
| South     | The subject property is bound to the south by residential properties.                             | Cross-gradient    | No  |
| West      | The subject property is bound to the west by undeveloped forested land.                           | Down-gradient     | No  |

#### 7.4 Site and Area Reconnaissance Summary

According to our observations of the subject and surrounding properties, the subject property is currently vacant, and most recently operated as a gas station and convenience store. Details pertaining to our on-site and off-site observations are referenced previously. The following RECs were identified during our on-site and off-site reconnaissance



 The subject property has been historically utilized as a gas station since at least 1977 and currently contains two 2,000-gallon gasoline USTs temporarily out of use. The USTs were installed in 1999 and replaced three former tanks that were removed when the new tanks were installed. Based on the review of the DEQ files, this facility has had no reported releases or violations. ECS considers the USTs to be a REC for the subject property due to the potential for a leak or spills from the tanks or dispensers.



## **8.0 ADDITIONAL SERVICES**

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands and mold.

ECS was not authorized to assess non-scope issues in conjunction with this assessment.



# **9.0 INTERVIEWS**

No interviews were conducted as part of this assessment. The owner of the property completed the user questionnaire, which is discussed in Section 4 above.



#### **10.0 FINDINGS AND CONCLUSIONS**

The subject property is identified by Henry County as 007835000 and is owned by Carter Bank and Trust. The approximately 0.5-acre subject property is occupied by a former filling station and convenience store. The subject property is serviced by private drinking water well and septic system.

The subject property is located in a residential area of Bassett. The subject property is bound on the north by residential properties, on the east by Crestridge Road followed by residential properties, on the south by residential properties, and on the west by undeveloped, wooded land. We did not identify adjoining or nearby properties that are considered a Recognized Environmental Condition (REC) for the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property was developed with a structure in at least 1951. The current onsite structures are present on the 1977 and later aerial photographs reviewed. Historical records prior to 1951 were not reasonably ascertainable for the subject property or did not provide meaningful information concerning the property.

Our review of historical information for adjoining or nearby properties identified the area as originally undeveloped agricultural and wooded land that transitioned to residential use.

A regulatory database search report was provided by Environmental Data Resources, Inc. (EDR). The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the UST database. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of available public records, none of the listings are believed to represent a REC for the subject property with the exception of the on-site USTs.

ASTM E1527-13 defines a "data gap" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information". Data gaps which would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-13 of the Former Muffy's C-Store located at 2024 Crestridge Road, in Bassett, Henry County, Virginia. Exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

The subject property has operated as a filling station since at least 1977 and possibly earlier.
 The site currently has two USTs reported as temporarily closed and three USTs reported as removed from the ground. The historic use of the property as a filling station is a REC for the subject site due to the potential for subsurface petroleum contamination.



#### **11.0 REFERENCES**

ASTM E1527-13. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

Environmental Data Resources, Inc., The EDR Aerial Photo Decade Package (years 1951, 1964, 1977, 1982, 1990, 1996, 2000, 2005, 2006, 2009, 2011, and 2012), dated November 30, 2017.

Environmental Data Resources, Inc., The EDR Radius Map Report, dated November 30, 2017.

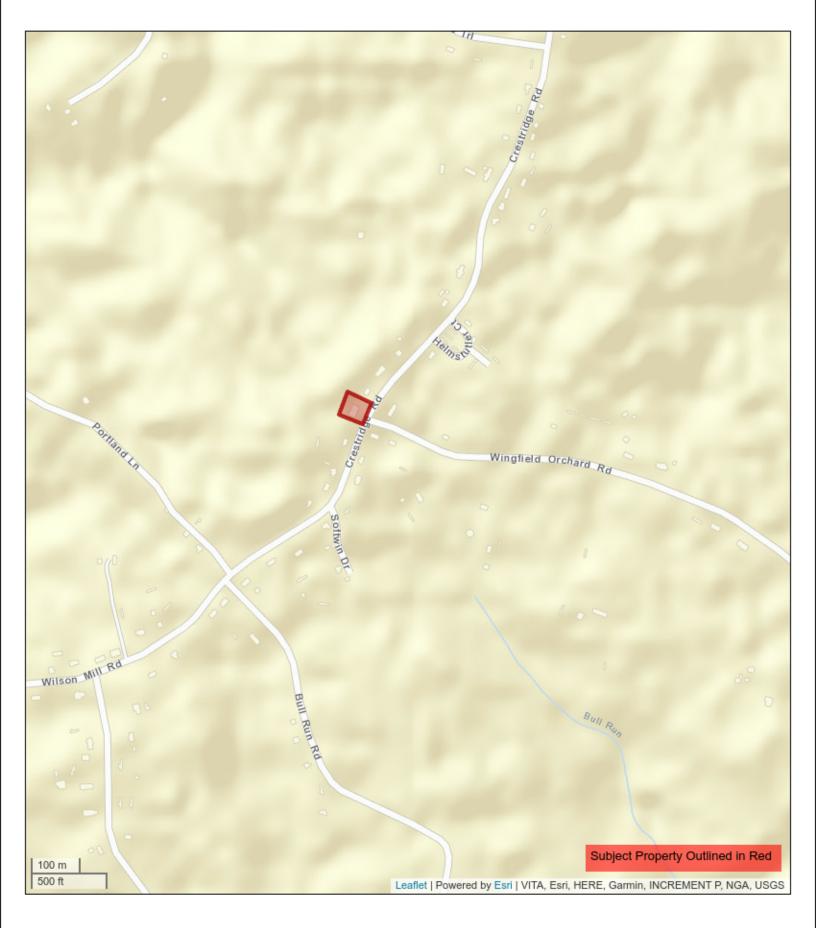
Environmental Data Resources, Inc., Certified Sanborn Map Report (no coverage), dated November 30, 2017.

Environmental Data Resources, Inc., EDR City Directory Image Report (years 1992, 1995, 2000, 2005, 2010, and 2014), dated December 7, 2017.

Environmental Data Resources, Inc., Historical Topo Map Report (years 1926, 1928, 1967, 1983, and 2013), dated November 30, 2017.



# **Appendix I: Figures**

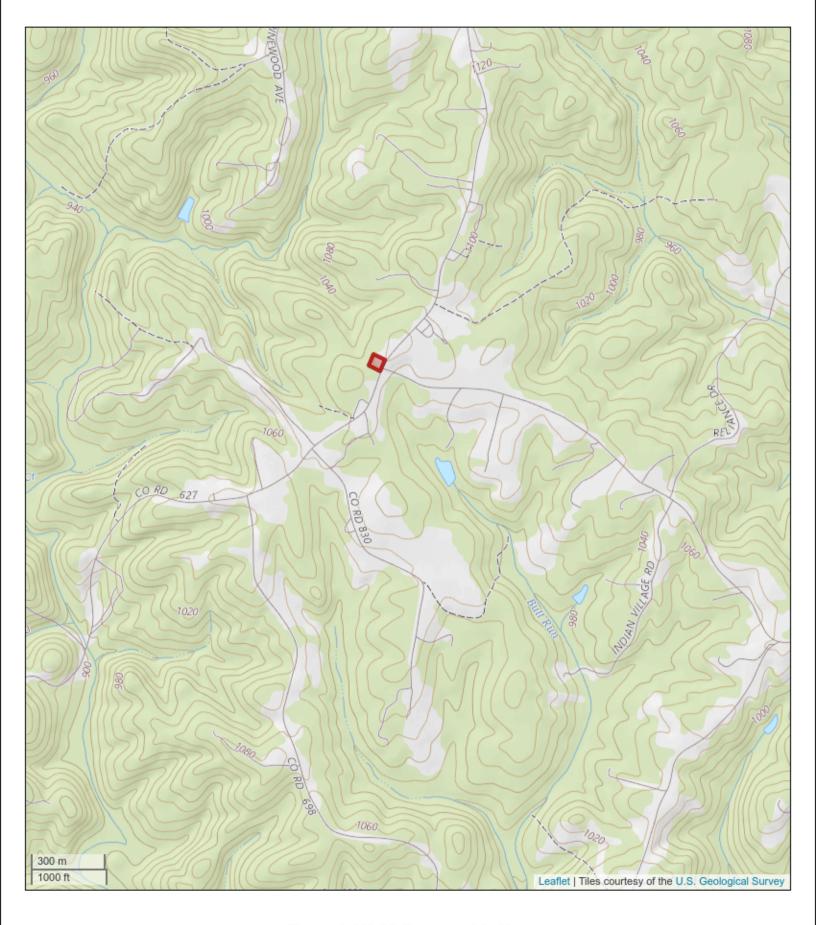




Former Muffy's C-Store 2024 Crestridge Road Bassett, Virginia ECS Project No, 47:5181









Former Muffy's C-Store 2024 Crestridge Road Bassett, Virginia ECS Project No, 47:5181











Former Muffy's C-Store 2024 Crestridge Road Bassett, Virginia ECS Project No, 47:5181



# Appendix II: Correspondence and User Questionnaire

# ECS

# **Environmental Questionnaire for User**

Completion required for conformance with ASTM E 1527-13. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

| Site Name: LOLY CRESTRICKE ROAD, RASSETT VA  |
|--|
| Name and Title of Person Completing Questionnaire (Please Print):  |
| TOM CHOINTERE, SENTOR VILE PRESTOENT   |
| Signature of Person Completing Questionnaire:  |
| Junf Mun   |
| Date:  |
| Name of Your Company and Your Contact Number (Please Print):   |
| CARTER BANK AND TRUST 336-854-1715   |
| ASTM E 1527-13 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability. |
| Please state reason for having ESA performed: CANTEN BANK AND TRUST HAS NOT  |
| OFENATED FROM SUBJECT PARCEL; INQUINTING OF ANY ENVIRONMENTAL  |
| CONCERNS AS THE BANK IS SELLING REAL ESTATE TO HOPEFUL END USER  |
| Will you provide Property Title Records and a Legal Description to ECS?  |
| Please select one: NO YES X IF POSSESS IN FILE   |
| Will you provide a 50-year chain of title abstract to ECS?   |
| Please select one: NO X YES  |
| Please Send Information Promptly   |
| (1a.) Environmental liens that are filed or recorded against the site (40 CFR 312.25). ASTM E 1527-13 states that the user should perform a review of recorded land title records and judicial records for environmental liens or activity and use limitations for the site. Please forward the results of the land title record and judicial record review. If you would prefer, ECS can obtain this information from a third party provider for an additional fee. Please let ECS know if you would like to contract ECS for this service.   |
| Please select one: Client to Provide ECS to Provide for Additional Fee   |

| (1b.)  | Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?           |
|--------|--|
| Plea   | se select one: NO YES  |
| (2.)   | <b>Specialized knowledge</b> - As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? |
| Plea   | se select one:  NO YES  s, please explain:  NO Knowlede  |
| (3.)   | 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:  |
| Plea   | o you know the past uses of the property?  Ise select one:  NO X  YES  S, please state uses:  NO KNOWLENGE   |
|        |  |
| Plea   | Do you know of specific chemicals that are present or once were present at the property?  ase select one:  NO X  YES  s, please explain: No X ງວາມ ໄຮກຣິຮ  |
| (c.) [ | Oo you know of spills or other chemical releases that have taken place at the property?  |
|        | ase select one:  NO  YES  s, please explain: NO  |
|        |  |

| (d.)          | Do you know of any environmental cleanups that have taken place at the property?   |        |
|---------------|--|--------|
|               | ease select one: NO YES  |        |
| (4.)          | Relationship of the purchase price to the fair market value of the property if it w contaminated (40 CFR 312.29). Does the purchase price being paid for this preasonably reflect the fair market value of the property?   | ere no |
| Plea<br>If no | ease select one: NO YES X  |        |
| Plea          | ou are aware that there is a difference, is the lower purchase price because contamination or believed to be present at the property?  Pease select one:  NO YES   |        |
| (5.)          | Parcel Property Owner(s) & Contact Number(s):  |        |
| A<br>B        | CARTER BANK AND TRUST 336-854-1715   |        |
| D<br>P        | Property Manager and Occupant(s) & Contact Number(s)   |        |
| C             | Property Manager: Tom CHOTUTENE 336 - 854-1715  Occupant/Tenant:  Occupant/Tenant:   |        |
| (6.)          | The degree of obviousness of the presence or likely presence of contamination property, and the ability to detect the contamination by appropriate investigation CFR 312.31). As the user of this ESA, based on your knowledge and experience related property, are there any obvious indicators that point to the presence or likely prese contamination at the property? | on (40 |
|               | ase select one: NO YES<br>es, please explain: NO Knaw LEDIE  |        |
|               |  |        |

December 1, 2017

Henry County Building Inspection

Via Fax: (276) 634-4628

ECS Project No. 47:5181

Reference: Phase I Environment Site Assessment

#### To Whom It May Concern:

ECS Mid-Atlantic, LLC (ECS) is currently conducting an environmental site assessment of the below-referenced properties. As part of our assessment, we are interested in historical information regarding construction dates, inspections, or other information regarding the below referenced site as well as environmental concerns or permits for underground storage tank installations or removals, or other files which the Department has for the following location:

 Former Muffy's Convenience Store, 2024 Crestridge Road, Bassett Parcel ID: 007835000

We appreciate the Department's assistance in completing the assessment of this property. If you should have any questions concerning the requested information or need further clarification on the location of the site, please do not hesitate to contact our office at 540-362-2000.

Respectfully Submitted,

ECS MID-ATLANTIC, LLC

Steven Hay

Environmental Staff Project Manager

shay@ecslimited.com Phone: 540-362-2000 Fax: 540-362-1202 Geotechnical • Construction Materials • Environmental • Facilities

December 1, 2017

Bassett Volunteer Fire Department 3735 Fairystone Park Highway, Bassett, VA

Fax - 276-629-9549

ECS Project No. 47:5181

Freedom of Information Act Request Subject:

Dear Sir or Madam:

ECS Mid-Atlantic, LLC (ECS) is currently working on an environmental site assessment in Bassett, and we are requesting any information that you may have regarding documented environmental issues, including but not limited to underground storage tank installation or removal and responses to spills or releases of petroleum/chemical substances or hazardous materials at the subject site or in the immediate area of the site. The site is:

• Former Muffy's Convenience Store, 2024 Crestridge Road, Bassett Parcel ID: 007835000

We appreciate any information on the subject site or in the vicinity of the subject site. If you have any questions, please call me at 540-362-2000.

Thank you for your assistance.

Respectfully,

ECS MID-ATLANTIC. LLC

Steven Hay

Environmental Staff Project Manager

shay@ecslimited.com Phone: 540-362-2000 Fax: 540-362-1202

December 1, 2017

Henry/Martinsville Health Department 295 Commonwealth Boulevard P.O. Box 1032 Martinsville, VA 24114

FAX: 276-638-3537

ECS Project No. 47: 5181

Reference: Phase I Environment Site Assessment

#### To Whom It May Concern:

ECS Mid-Atlantic, LLC (ECS) is currently working on an environmental site assessment in Henry County, Virginia, and we are requesting information that you may have regarding documented environmental issues or health problems in the area in which we are studying. We are specifically interested in records pertaining to installation or repair of septic systems (including POTW facilities), potable wells (installation records, water quality testing, etc.), complaints or records regarding air quality or chemical/petroleum release to surface water. The site includes the following parcels:

• Former Muffy's Convenience Store, 2024 Crestridge Road, Bassett Parcel ID: 007835000

We appreciate any information on the subject site or in the vicinity of the subject site. If you have any questions, please call me at 540-362-2000.

Thank you for your assistance.

Respectfully,

ECS MID-ATLANTIC, LLC

Steven Hay

Environmental Staff Project Manager

shay@ecslimited.com Phone: 540-362-2000

Fax: 540-362-1202

# **Issued by Fidelity National Title Insurance Company**



### Fidelity National Title Insurance Company

Woltz & Associates 23 Franklin Road Roanoke, VA 24011 540-342-3560 540-342-3741

Order No.: 6622423 Muffy's Market 2024 Crestridge Rd, Bassett, VA

- 1. Effective Date: 10/05/2017 8:00 AM
- 2. Policy or Policies to be issued:

ALTA Owner's Policy (6/17/2006)

**Proposed Insured:** Carter Bank & Trust **Amount of Insurance:** \$100,000.00

- 3. The estate or interest in the land described or referred to in this Commitment is Fee Simple.
- 4. Title to the Fee Simple estate or interest in the land is at Effective Date vested in:

Carter Bank & Trust

5. The land referred to in this Commitment is described as follows:

See attached Exhibit "A".

Countersigned:

Authorized Officer or Agent

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# Schedule B Section 1 Requirements

The following are requirements to be complied with:

- 1. Instrument(s) creating the estate or interest to be insured must be approved, executed and filed for record.
  - A. Warranty Deed from Carter Bank & Trust, vesting fee simple title in Carter Bank & Trust.
- 2. The Company requires receipt in writing of the name of anyone not referenced in this commitment who will acquire an interest in the land or who will execute a deed of trust encumbering the land herein. Additional requirements and/or exceptions may then be added.
- 3. Payment of full consideration to or for the account of the grantor(s) or mortgagor(s).
- 4. Payment of the premiums, fees and charges for the policy/policies.
- 5. Payment of all taxes, charges, and assessments, levied and assessed against the subject premises, which are due and payable, including any penalties and interest which have accrued.
- 6. Payment of all outstanding water, sewer and public utility charges to date of settlement.
- 7. The Company must be provided with an approved form of executed Owner's Affidavit and Agreement relating to, among other items, mechanics' liens and parties in possession.
- 8. Certification from settlement agent that they have made independent verification through the PACER system that the seller and/or borrowers are not in bankruptcy.
- 9. Settlement agent must ascertain identity of all parties executing instruments required for this transaction in compliance with Virginia statutes (eg. Section 47.1-14).
- 10. Payment of all HOA/POA assessments, charges, and fees, which the subject property may be subject to, plus any penalty and interest which may be due.
- 11. Receipt and review of all corporate/entity/trust documents for subject parties as may be required under Virginia underwriting guidelines.
- 12. No recorded deed of trust or mortgage on the subject property was found in a search of the land records. Accordingly, the Company requires receipt of an Affidavit from record owner addressed to the Company, stating that there are no recorded or unrecorded deed(s) of trust, personal notes and/or obligations on the real estate intended by the mortgagee, lender or noteholder to be paid with closing proceeds.

NOTE: This Company may make other requirements and/or exceptions based upon any changes in the status of the facts as disclosed thus far.

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# Schedule B Section 2 Exceptions

Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company:

#### **GENERAL EXCEPTIONS:**

- 1. Defects, liens, encumbrances, adverse claims or other matters, if any, created or first appearing in the public records or attaching to the title subsequent to the date of this commitment.
- 2. Taxes or special assessments, which are not shown as existing liens by the public records.
- 3. Easements or claims of easements not shown by the public records.
- 4. Any liens, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.
- 5. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land. The term "encroachment" includes encroachments of existing improvements located on the Land onto adjoining land, and encroachments onto the Land of existing improvements located on adjoining land.
- 6. Rights or claims of parties in possession not shown by the public records.

#### **SPECIAL EXCEPTIONS:**

7. This tax information is furnished for your information only. No liability of any nature whatsoever is hereby assumed for errors as to these figures. The settlement agent/attorney must verify these figures for the purposes of certifying title to the Company and preparing settlement pro rations.

Tax Assessment for 2017

BILL # N/A

MAP or PARCEL ID/GPIN # 37.8(006)000A/008 DESCRIPTION IN TAX RECORD: Lot 8, Section A

LAND ASSESSMENT: \$14,000.00

IMPROVEMENTS ASSESSMENT: \$48,300.00

TOTAL ASSESSMENT: \$62,300.00

**ANNUAL TAX: \$345.77** 

TAX PAYMENT DUE DATE(S): December 5

TAXES HAVE BEEN PAID THROUGH: 2016, 2017 taxes are now due

TAXES A LIEN, NOT YET DUE: December 2018

Property Address as shown in the tax records:

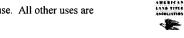
2024 Crestridge, Bassett, VA

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Schedule B Section 1



# Schedule B Section 2 Exceptions continued

- 8. Taxes and special assessments due and payable after Date of Policy.
- 9. Easement granted to Appalachian Power Company by instrument dated February 1, 1939 recorded in Deed Book 64, Page 272.
- 10. Easement granted to Lee Telephone Company by instrument dated March 26, 1952 recorded in Deed Book 118, Page 174.
- 11. All Matters as shown on plat: Survey Recorded in Map Book 22, Page 54, dated May 1961, prepared by C. M. Wyatt.
- 12. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land. The term "encroachment" includes encroachments of existing improvements located on the Land onto adjoining land, and encroachments onto the Land of existing improvements located on adjoining land.

NOTE: If policy is to be issued in support of a mortgage loan, attention is directed to the fact that the Company can assume no liability under its policy, the closing instructions, or Insured Closing Service for compliance with the requirements of any consumer credit protection or truth in lending law in connection with said mortgage loan.

Commitment

#### Exhibit "A"

All that certain lot or parcel of land situated on the Northwest side of State Road 698, Blackberry District, Henry County, Virginia, being known and designated as Lot 8, Section A, as shown on Map of Property of G. C. Joyce Heirs, prepared by C. M. Wyatt, Surveyor, of record in the Henry County Circuit Court Clerk's Office in Map Book 22, page 54.

It being the same property conveyed to Carter Bank & Trust by Deed from Phyllis Q. Karavatakis, Substitute Trustee and Franklin J. Spencer and Teresa H. Spencer, husband and wife dated May 22, 2013, recorded June 6, 2013 in the Clerk's Office of the Circuit Court of Henry, Virginia, recorded as Instrument No. 130002109.



Commitment No.: 6622423

#### COMMITMENT FOR TITLE INSURANCE

#### Issued by

#### FIDELITY NATIONAL TITLE INSURANCE COMPANY

FIDELITY NATIONAL TITLE INSURANCE COMPANY, a Florida corporation, ("Company"), for a valuable consideration, commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the Proposed Insured named in Schedule A, as owner or mortgagee of the estate or interest in the land described or referred to in Schedule A, upon payment of the premiums and charges and compliance with the Requirements; all subject to the provisions of Schedules A and B and to the Conditions of this Commitment.

This Commitment shall be effective only when the identity of the Proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A by the Company.

All liability and obligation under this Commitment shall cease and terminate 6 months after the Effective Date or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue the policy or policies is not the fault of the Company.

The Company will provide a sample of the policy form upon request.

IN WITNESS WHEREOF, FIDELITY NATIONAL TITLE INSURANCE COMPANY has caused its corporate name and seal to be affixed by its duly authorized officers on the date shown in Schedule A.

FIDELITY NATIONAL TITLE INSURANCE COMPANY

Countersigned:

Authorized Officer or Agent

orita N. Roberts

HOI - FNTIC-Roanoke 310 First Street, 12th Floor Roanoke, VA 24011 Tel:540-982-2121

Fax:540-982-0918

By:

Cagnord Office

President

Attest:

Secretary

#### **CONDITIONS**

- 1. The term mortgage, when used herein, shall include deed of trust, trust deed, or other security instrument.
- 2. If the proposed Insured has or acquired actual knowledge of any defect, lien, encumbrance, adverse claim or other matter affecting the estate or interest or mortgage thereon covered by this Commitment other than those shown in Schedule B hereof, and shall fail to disclose such knowledge to the Company in writing, the Company shall be relieved from liability for any loss or damage resulting from any act of reliance hereon to the extent the Company is prejudiced by failure to so disclose such knowledge. If the proposed Insured shall disclose such knowledge to the Company, or if the Company otherwise acquires actual knowledge of any such defect, lien, encumbrance, adverse claim or other matter, the Company at its option may amend Schedule B of this Commitment accordingly, but such amendment shall not relieve the Company from liability previously incurred pursuant to paragraph 3 of these Conditions.
- 3. Liability of the Company under this Commitment shall be only to the named proposed Insured and such parties included under the definition of Insured in the form of policy or policies committed for and only for actual loss incurred in reliance hereon in undertaking in good faith (a) to comply with the requirements hereof, or (b) to eliminate exceptions shown in Schedule B, or (c) to acquire or create the estate or interest or mortgage thereon covered by this Commitment. In no event shall such liability exceed the amount stated in Schedule A for the policy or policies committed for and such liability is subject to the insuring provisions and Conditions and the Exclusions from Coverage of the form of policy or policies committed for in favor of the proposed Insured which are hereby incorporated by reference and are made a part of this Commitment except as expressly modified herein.
- 4. This Commitment is a contract to issue one or more title insurance policies and is not an abstract of title or a report of the condition of title. Any action or actions or rights of action that the proposed Insured may have or may bring against the Company arising out of the status of the title to the estate or interest or the status of the mortgage thereon covered by this Commitment must be based on and are subject to the provisions of this Commitment.
- 5. The policy to be issued contains an arbitration clause. All arbitrable matters when the Amount of Insurance is \$2,000,000 or less shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. You may review a copy of the arbitration rules at <a href="http://www.alta.org/">http://www.alta.org/</a>.



# **Appendix III: Regulatory Records Documentation**

Former Muffys C-Store 2024 Crestridge Road Bassett, VA 24055

Inquiry Number: 5123000.22s

November 30, 2017

# The EDR Radius Map™ Report with GeoCheck®



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

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

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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**

2024 CRESTRIDGE ROAD BASSETT, VA 24055

#### COORDINATES

Latitude (North): 36.6883640 - 36° 41' 18.11" Longitude (West): 80.0428030 - 80° 2' 34.09"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 585517.1 UTM Y (Meters): 4060527.0

Elevation: 1139 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5949748 SANVILLE, VA

Version Date: 2013

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20141017 Source: USDA

#### MAPPED SITES SUMMARY

Target Property Address: 2024 CRESTRIDGE ROAD BASSETT, VA 24055

Click on Map ID to see full detail.

| MAP |                      |                     |  | RELATIVE         | DIST (ft. & mi.) |
|-----|----------------------|---------------------|--|------------------|------------------|
| ID  | SITE NAME            | ADDRESS             | DATABASE ACRONYMS                      | <b>ELEVATION</b> | DIRECTION        |
| 1   | MUFFYS MARKET        | 2024 CREST RIDGE RD | UST, AST, Financial Assurance          | Lower            | 58, 0.011, SE    |
| 2   | FRANCES ALLEY RESIDE | 1670 CRESTRIDGE RD  | LTANKS                                 | Higher           | 1690, 0.320, NNE |
| 3   | JOHN PAULS COUNTRY S | 172 WILSON MILL RD  | LUST, LTANKS, UST, Financial Assurance | Lower            | 2127, 0.403, SW  |

#### 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          |                                       |  |
|--------------------------------|---------------------------------------|--|
| NPLProposed NPLNPL LIENS       | Proposed National Priority List Sites |  |
| Federal Delisted NPL site list |                                       |  |

Delisted NPL..... National Priority List Deletions

#### Federal CERCLIS list

| FEDERAL FACILITY | Federal Facility Site Information listing |
|------------------|---|
| SEMS             | Superfund Enterprise Management System    |

#### Federal CERCLIS NFRAP site list

| SEMS-ARCHIVE | Superfund | Enterprise | Management | System | Archive |
|--------------|-----------|------------|------------|--------|---------|
|              |           |            |            |        |         |

#### Federal RCRA CORRACTS facilities list

| CORRACTSCorrect | ctive | Action | Report |
|-----------------|-------|--------|--------|
|-----------------|-------|--------|--------|

#### Federal RCRA non-CORRACTS TSD facilities list

| RCRA-TSDF R | RCRA - Treatment, | Storage and Disposal |
|-------------|-------------------|----------------------|
|-------------|-------------------|----------------------|

#### Federal RCRA generators list

| RCRA-LQG   | RCRA - Large Quantity Generators                     |
|------------|--|
| RCRA-SQG   | RCRA - Small Quantity Generators                     |
| RCRA-CESQG | RCRA - Conditionally Exempt Small Quantity Generator |

#### 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. 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 VCP...... Voluntary Remediation Program State and tribal Brownfields sites BROWNFIELDS..... Brownfields Site Specific Assessments ADDITIONAL ENVIRONMENTAL RECORDS Local Brownfield lists US BROWNFIELDS..... A Listing of Brownfields Sites Local Lists of Landfill / Solid Waste Disposal Sites INDIAN ODI\_\_\_\_\_ Report on the Status of Open Dumps on Indian Lands ..... 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

Other Ascertainable Records

RCRA NonGen / NLR\_\_\_\_\_\_ RCRA - Non Generators / No Longer Regulated

FUDS...... Formerly Used Defense Sites DOD...... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS...... Toxic Chemical Release Inventory System

RAATS\_\_\_\_\_\_RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

Act)/TSCA (Toxic Substances Control Act)

MLTS...... Material Licensing Tracking System COAL ASH DOE...... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

US MINES...... Mines Master Index File ABANDONED MINES..... Abandoned Mines

FINDS Facility Index System/Facility Registry System ECHO Enforcement & Compliance History Information

DOCKET HWC...... Hazardous Waste Compliance Docket Listing

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

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

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

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

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

#### STANDARD ENVIRONMENTAL RECORDS

#### 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 is 1 LUST site within approximately 0.5 miles of the target property.

| Lower Elevation      | Address            | Direction / Distance     | Map ID | Page |
|----------------------|--------------------|--------------------------|--------|------|
| JOHN PAULS COUNTRY S | 172 WILSON MILL RD | SW 1/4 - 1/2 (0.403 mi.) | 3      | 17   |

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

Case Status: Open

Pollution Control #: 02-2023. Pollution Control #: 20092018

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 08/02/2017 has revealed that there are 2 LTANKS sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation  | Address            | Direction / Distance      | Map ID | Page<br>17 |  |
|---|--------------------|---------------------------|--------|------------|--|
| FRANCES ALLEY RESIDE Facility Status: Closed CEDS Facility Id: 200000882273 Pollution Complaint #: 20162299 | 1670 CRESTRIDGE RD | NNE 1/4 - 1/2 (0.320 mi.) | 2      |            |  |
| Lower Elevation   | Address            | Direction / Distance      | Map ID | Page       |  |
| JOHN PAULS COUNTRY S Facility Status: Open CEDS Facility Id: 200000082213 Pollution Complaint #: 20092018   | 172 WILSON MILL RD | SW 1/4 - 1/2 (0.403 mi.)  | 3      | 17         |  |

#### 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 08/10/2017 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

| Lower Elevation   | Address             | Direction / Distance   | Map ID | Page |
|---|---------------------|------------------------|--------|------|
| MUFFYS MARKET  Tank Status: REM FROM GRD  Tank Status: TEMP OUT OF USE Facility Id: 2036972  CEDS Facility ID: 200000181068 | 2024 CREST RIDGE RD | SE 0 - 1/8 (0.011 mi.) | 1      | 8    |

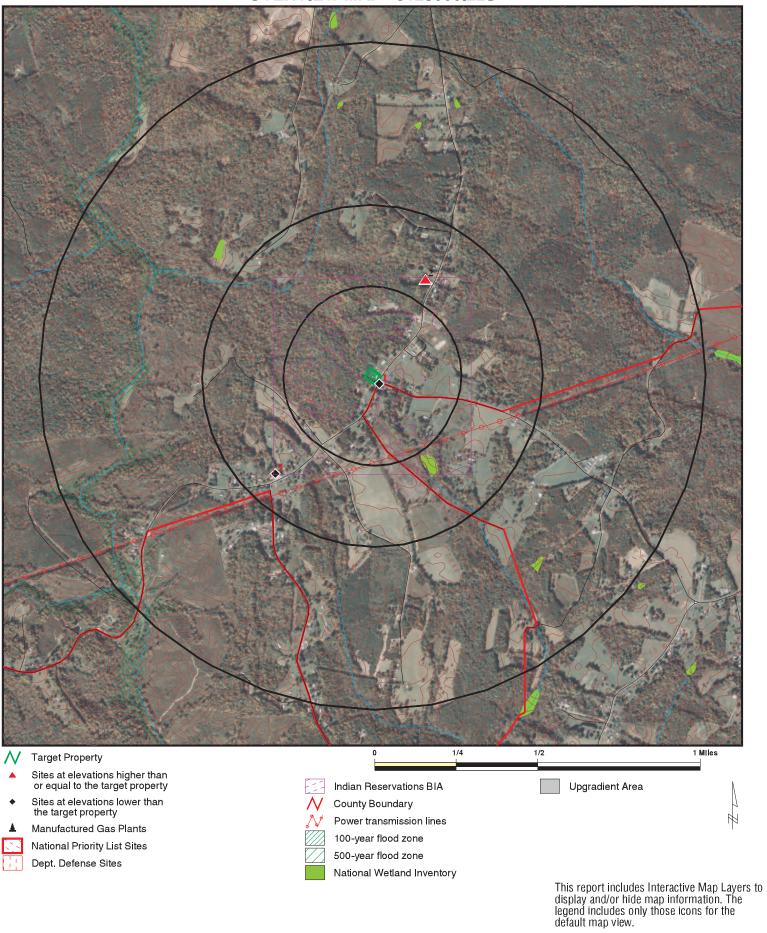
AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Quality's Aboveground Storage Tank Data Notification Information.

A review of the AST list, as provided by EDR, and dated 08/10/2017 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

| Lower Elevation   | Address             | Direction / Distance   | Map ID | Page |
|---|---------------------|------------------------|--------|------|
| MUFFYS MARKET Facility ID: 2036972 CEDS Facility ID: 200000181068 | 2024 CREST RIDGE RD | SE 0 - 1/8 (0.011 mi.) | 1      | 8    |

There were no unmapped sites in this report.

### **OVERVIEW MAP - 5123000.22S**



SITE NAME: Former Muffys C-Store ADDRESS: 2024 Crestridge Road Bassett VA 24055

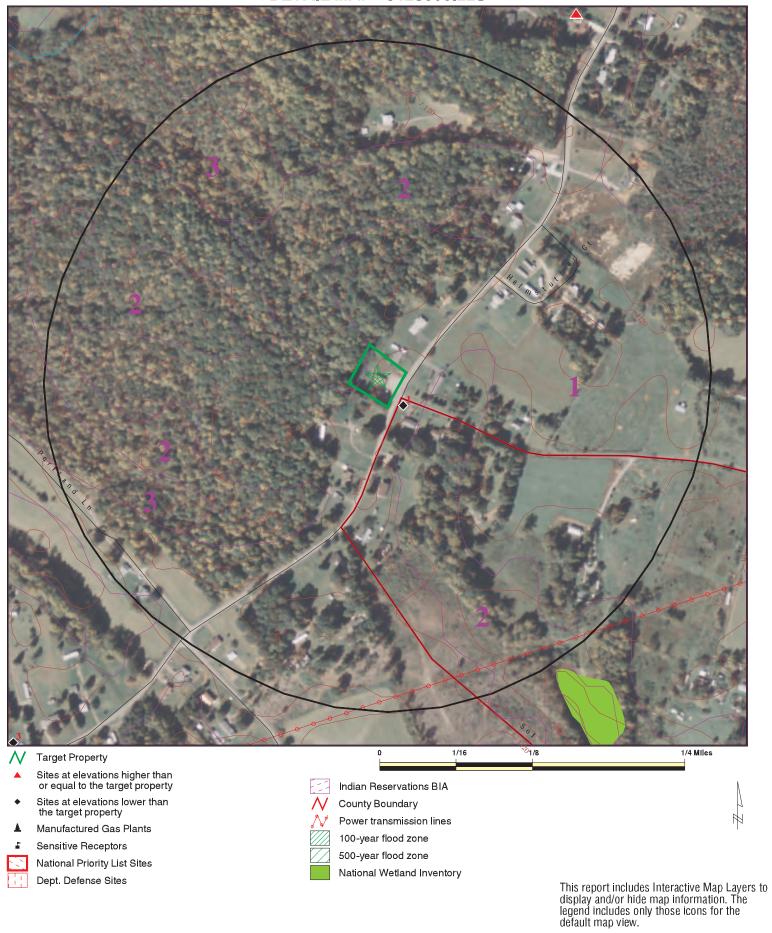
36.688364 / 80.042803

LAT/LONG:

CLIENT: CONTACT: ECS Mid Atlantic, LLC Alexandra Moon INQUIRY #: 5123000.22s

DATE: November 30, 2017 4:18 pm

#### **DETAIL MAP - 5123000.22S**



SITE NAME: Former Muffys C-Store
ADDRESS: 2024 Crestridge Road
Bassett VA 24055
LAT/LONG: 36.688364 / 80.042803

CLIENT: ECS Mid Atlantic, LLC
CONTACT: Alexandra Moon
INQUIRY #: 5123000.22s
DATE: November 30, 2017 4:19 pm

| Database   | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8        | 1/8 - 1/4    | 1/4 - 1/2      | 1/2 - 1        | > 1            | Total<br>Plotted |
|--|-------------------------------|--------------------|--------------|--------------|----------------|----------------|----------------|------------------|
| STANDARD ENVIRONMEN  | TAL RECORDS                   |                    |              |              |                |                |                |                  |
| Federal NPL site list  |                               |                    |              |              |                |                |                |                  |
| NPL<br>Proposed NPL<br>NPL LIENS                                 | 1.000<br>1.000<br>TP          |                    | 0<br>0<br>NR | 0<br>0<br>NR | 0<br>0<br>NR   | 0<br>0<br>NR   | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal Delisted NPL sit   | te list                       |                    |              |              |                |                |                |                  |
| Delisted NPL   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal CERCLIS list   |                               |                    |              |              |                |                |                |                  |
| FEDERAL FACILITY<br>SEMS   | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| Federal CERCLIS NFRA   | P site list                   |                    |              |              |                |                |                |                  |
| SEMS-ARCHIVE   | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA CORRAC  | TS facilities list            | t                  |              |              |                |                |                |                  |
| CORRACTS   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal RCRA non-CORRACTS TSD facilities list                    |                               |                    |              |              |                |                |                |                  |
| RCRA-TSDF  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA generator   | rs list                       |                    |              |              |                |                |                |                  |
| RCRA-LQG<br>RCRA-SQG<br>RCRA-CESQG                               | 0.250<br>0.250<br>0.250       |                    | 0<br>0<br>0  | 0<br>0<br>0  | NR<br>NR<br>NR | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal institutional cor<br>engineering controls re             |                               |                    |              |              |                |                |                |                  |
| LUCIS<br>US ENG CONTROLS<br>US INST CONTROL                      | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0  | 0<br>0<br>0  | 0<br>0<br>0    | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal ERNS list  |                               |                    |              |              |                |                |                |                  |
| ERNS   | TP                            |                    | NR           | NR           | NR             | NR             | NR             | 0                |
| State- and tribal - equiva                                       | alent CERCLIS                 |                    |              |              |                |                |                |                  |
| SHWS   | 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                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| State and tribal leaking   | storage tank lis              | ts                 |              |              |                |                |                |                  |
| LUST<br>INDIAN LUST<br>LTANKS                                    | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0  | 0<br>0<br>0  | 1<br>0<br>2    | NR<br>NR<br>NR | NR<br>NR<br>NR | 1<br>0<br>2      |
| State and tribal register  | ed storage tank               | lists              |              |              |                |                |                |                  |
| FEMA UST   | 0.250                         |                    | 0            | 0            | NR             | NR             | NR             | 0                |

| Database  | Search<br>Distance<br>(Miles)                         | Target<br>Property | < 1/8                                   | 1/8 - 1/4                               | <u>1/4 - 1/2</u>                          | 1/2 - 1                              | > 1                                    | Total<br>Plotted           |
|---|---|--------------------|---|---|---|--------------------------------------|--|----------------------------|
| UST<br>AST<br>INDIAN UST  | 0.250<br>0.250<br>0.250                               |                    | 1<br>1<br>0                             | 0<br>0<br>0                             | NR<br>NR<br>NR                            | NR<br>NR<br>NR                       | NR<br>NR<br>NR                         | 1<br>1<br>0                |
| State and tribal institution control / engineering con  |   |                    |   |   |   |                                      |  |                            |
| ENG CONTROLS<br>INST CONTROL  | 0.500<br>0.500  |                    | 0<br>0                                  | 0<br>0                                  | 0<br>0                                    | NR<br>NR                             | NR<br>NR                               | 0<br>0                     |
| State and tribal voluntary  | / cleanup sites                                       | :                  |   |   |   |                                      |  |                            |
| INDIAN VCP<br>VCP   | 0.500<br>0.500  |                    | 0<br>0                                  | 0<br>0                                  | 0<br>0                                    | NR<br>NR                             | NR<br>NR                               | 0<br>0                     |
| State and tribal Brownfie   | lds sites   |                    |   |   |   |                                      |  |                            |
| BROWNFIELDS   | 0.500   |                    | 0                                       | 0                                       | 0   | NR                                   | NR                                     | 0                          |
| ADDITIONAL ENVIRONMEN   | TAL RECORDS   |                    |   |   |   |                                      |  |                            |
| Local Brownfield lists  |   |                    |   |   |   |                                      |  |                            |
| US BROWNFIELDS  | 0.500   |                    | 0                                       | 0                                       | 0   | NR                                   | NR                                     | 0                          |
| Local Lists of Landfill / S<br>Waste Disposal Sites   | olid  |                    |   |   |   |                                      |  |                            |
| INDIAN ODI<br>ODI<br>DEBRIS REGION 9<br>IHS OPEN DUMPS  | 0.500<br>0.500<br>0.500<br>0.500                      |                    | 0<br>0<br>0                             | 0<br>0<br>0<br>0                        | 0<br>0<br>0<br>0                          | NR<br>NR<br>NR<br>NR                 | NR<br>NR<br>NR<br>NR                   | 0<br>0<br>0<br>0           |
| Local Lists of Hazardous<br>Contaminated Sites  | waste /   |                    |   |   |   |                                      |  |                            |
| US HIST CDL<br>US CDL   | TP<br>TP  |                    | NR<br>NR                                | NR<br>NR                                | NR<br>NR                                  | NR<br>NR                             | NR<br>NR                               | 0<br>0                     |
| Local Land Records  |   |                    |   |   |   |                                      |  |                            |
| LIENS 2   | TP  |                    | NR                                      | NR                                      | NR  | NR                                   | NR                                     | 0                          |
| Records of Emergency R  | Release Reports                                       | s                  |   |   |   |                                      |  |                            |
| HMIRS<br>SPILLS<br>SPILLS 90  | TP<br>TP<br>TP  |                    | NR<br>NR<br>NR                          | NR<br>NR<br>NR                          | NR<br>NR<br>NR                            | NR<br>NR<br>NR                       | NR<br>NR<br>NR                         | 0<br>0<br>0                |
| Other Ascertainable Records   |   |                    |   |   |   |                                      |  |                            |
| RCRA NonGen / NLR<br>FUDS<br>DOD<br>SCRD DRYCLEANERS<br>US FIN ASSUR<br>EPA WATCH LIST<br>2020 COR ACTION<br>TSCA | 0.250<br>1.000<br>1.000<br>0.500<br>TP<br>TP<br>0.250 |                    | 0<br>0<br>0<br>0<br>NR<br>NR<br>0<br>NR | 0<br>0<br>0<br>0<br>NR<br>NR<br>NR<br>0 | NR<br>0<br>0<br>0<br>NR<br>NR<br>NR<br>NR | NR<br>0<br>0<br>NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR<br>NR<br>NR<br>NR | 0<br>0<br>0<br>0<br>0<br>0 |

| Database  | Search Distance (Miles)   | Target<br>Property | < 1/₽                                     | 1/8 - 1/ <i>1</i>   | 1/4 - 1/2   | 1/2 - 1   | <b>&gt;</b> 1                                 | Total<br>Plotted                             |
|---|---|--------------------|---|---|---|---|---|--|
| Database  | (Willes)  | Troperty           | <del>- 170</del>                          | 1/0 - 1/4   | 1/4 - 1/2   | 1/2 - 1   |   | - I lotted                                   |
| TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES FINDS ECHO UXO DOCKET HWC | (Miles)  TP TP TP 1.000 TP 1.000 1.000 1.000 0.500 TP TP TP 1.000 1.000 0.5500 TP TP TP 1.000 1.000 0.500 TP TP TP 0.250 0.250 TP TP 1.000 TP | Property           |   | 1/8 - 1/4  NR NR O NR | 1/4 - 1/2  NR NR O NR | 1/2 - 1  NR NR O NR | 1<br>  NR | Plotted  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| FUELS PROGRAM AIRS NPDES COAL ASH DRYCLEANERS ENF Financial Assurance TIER 2 UIC  | 0.250<br>TP<br>TP<br>0.500<br>0.250<br>TP<br>TP<br>TP<br>TP   |                    | O<br>NR<br>NR<br>O<br>O<br>NR<br>NR<br>NR | 0<br>NR<br>NR<br>0<br>0<br>NR<br>NR<br>NR<br>NR           | NR<br>NR<br>NR<br>O<br>NR<br>NR<br>NR<br>NR               | NR<br>NR<br>NR<br>NR<br>NR<br>NR<br>NR                  | NR<br>NR<br>NR<br>NR<br>NR<br>NR<br>NR        | 0<br>0<br>0<br>0<br>0<br>0<br>0              |
| EDR HIGH RISK HISTORICA   | L RECORDS   |                    |   |   |   |   |   |  |
| EDR Exclusive Records   |   |                    |   |   |   |   |   |  |
| EDR MGP<br>EDR Hist Auto<br>EDR Hist Cleaner  | 1.000<br>0.125<br>0.125   |                    | 0<br>0<br>0                               | 0<br>NR<br>NR   | 0<br>NR<br>NR   | 0<br>NR<br>NR   | NR<br>NR<br>NR                                | 0<br>0<br>0                                  |
| EDR RECOVERED GOVERN  | IMENT ARCHI\  | <u>/ES</u>         |   |   |   |   |   |  |
| Exclusive Recovered Go  | vt. Archives  |                    |   |   |   |   |   |  |
| RGA LF  | TP  |                    | NR  | NR  | NR  | NR  | NR  | 0  |

| Database | Search Distance (Miles) | Target<br>Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total<br>Plotted |
|----------|-------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| RGA LUST | TP                      |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| - Totals |                         | 0                  | 2     | 0         | 3         | 0       | 0   | 5                |

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**MUFFYS MARKET** UST U003696257 SE 2024 CREST RIDGE RD **AST** N/A

**Financial Assurance** MARTINSVILLE, VA 24112

< 1/8 0.011 mi. 58 ft.

Facility: Relative:

Facility Id: 2036972 Lower Facility Type: **GAS STATION** 200000181068

Actual: CEDS Facility ID: 1129 ft.

Owner:

Owner Id: 38898

MUFFYS MARKET Owner Name: Owner Address: 2024 CREST RIDGE RD

Owner Address2: Not reported

MARTINSVILLE, VA 24112 Owner City, State, Zip:

Owner Type: COMMERCIAL

Number of Active AST: Number of Active UST: 2 Number of Inactive AST: 0 Number of Inactive UST: 3

44167 Owner Id:

Owner Name: Franklin and Teresa Spencer

Owner Address: 2024 Crestridge Rd. Not reported Owner Address2:

Martinsville, VA 24112 Owner City, State, Zip:

Owner Type: **PRIVATE** 

Number of Active AST: 1 Number of Active UST: 2 Number of Inactive AST: 0 3 Number of Inactive UST:

Owner Id: 48260

Owner Name: Carter Bank & Trust Owner Address: 1300 Kings Mountain Rd

Owner Address2: Not reported

Owner City, State, Zip: Martinsville, VA 24112

Owner Type: Not reported

Number of Active AST: 1 Number of Active UST: 2 Number of Inactive AST: 0 Number of Inactive UST: 3

UST:

2036972 Facility ID: Federally Regulated: Yes

Tank Number: 4 Tank Capacity: 2000 Tank Contents: **GASOLINE** 

**Tank Status: TEMP OUT OF USE** 

Tank Type: UST

Tank Material:

Install Date: 4/7/1999 Tank Materials: Bare Steel No Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No

Direction Distance Elevation

on Site Database(s) EPA ID Number

#### **MUFFYS MARKET (Continued)**

Tank Materials: Fiberglass No
Tank Materials: Concrete No

Tank Materials: Composite Yes
Tank Materials: Double Walled No
Tank Materials: Lined Interior No
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Pengind

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 Nο 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 Nο

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 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 Nο Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No

Pipe Materials: Other Note Not reported

Facility ID: 2036972 Federally Regulated: Yes

Tank Number: 5
Tank Capacity: 2000
Tank Contents: GASOLINE

**EDR ID Number** 

U003696257

Direction Distance Elevation

Site Database(s)

No

U003696257

**EDR ID Number** 

**EPA ID Number** 

#### **MUFFYS MARKET (Continued)**

| Tank Status: | TEMP OUT OF USE |
|--------------|-----------------|
| T . T        | LIOT            |

Tank Type: UST

Tank Material:

Install Date: 4/7/1999 Tank Materials: Bare Steel Tank Materials: Cath Protect Steel No Tank Materials: Epoxy Steel No Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite Yes Tank Materials: Double Walled No Tank Materials: Lined Interior Nο Tank Materials: Excav Liner No Tank Materials: Insulated Tank Jacket No Tank Materials: Repaired No Tank Materials: Unknown No

Tank Materials: Other Note Not reported

#### Release Detection:

Tank Materials: Other

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 Nο 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 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

Direction Distance Elevation

nce EDR ID Number tition Site Database(s) EPA ID Number

**MUFFYS MARKET (Continued)** 

U003696257

Facility ID: 2036972 Federally Regulated: Yes

 Tank Number:
 R1

 Tank Capacity:
 2000

 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 Nο 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
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
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 Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: 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

Direction
Distance
Elevation

nce EDR ID Number tition Site Database(s) EPA ID Number

#### **MUFFYS MARKET (Continued)**

U003696257

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: 2036972 Federally Regulated: Yes

 Tank Number:
 R2

 Tank Capacity:
 2000

 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 Nο Tank Materials: Fiberglass No Tank Materials: Concrete No Tank Materials: Composite No Tank Materials: Double Walled No Tank Materials: Lined Interior Nο 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
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
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 Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note

Direction
Distance
Elevation

Site Database(s)

EPA ID Number

U003696257

**EDR ID Number** 

### **MUFFYS MARKET (Continued)**

Not reported

Pipe Type: 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

Facility ID: 2036972 Federally Regulated: Yes

Tank Number: R3 Tank Capacity: 550

Tank Contents: KEROSENE
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 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

Tank Release Detection: Other Note Not reported

No

Direction Distance Elevation

on Site Database(s) EPA ID Number

### **MUFFYS MARKET (Continued)**

U003696257

**EDR ID Number** 

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 Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: 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 Nο 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:
 2036972

 Facility Type:
 GAS STATION

 CEDS Facility ID:
 200000181068

Tank Info:

Owner:

Owner Id: 44167

Owner Name: Franklin and Teresa Spencer

Owner Address: 2024 Crestridge Rd.
Owner Address2: Not reported

Owner City/State/Zip: Martinsville, VA 24112

Owner Type: PRIVATE
Number of Active AST: 1
Number of Active UST: 2
Number of Inactive AST: 0
Number of Inactive UST: 3

Owner Id: 48260

Owner Name: Carter Bank & Trust
Owner Address: 1300 Kings Mountain Rd

Owner Address2: Not reported

Owner City/State/Zip: Martinsville, VA 24112

Owner Type: Not reported

Number of Active AST: 1
Number of Active UST: 2
Number of Inactive AST: 0
Number of Inactive UST: 3

Owner Id: 38898

Owner Name: MUFFYS MARKET
Owner Address: 2024 CREST RIDGE RD

Owner Address2: Not reported

Direction Distance Elevation

nce EDR ID Number tion Site Database(s) EPA ID Number

**MUFFYS MARKET (Continued)** 

U003696257

Owner City/State/Zip: MARTINSVILLE, VA 24112

Owner Type: COMMERCIAL

Number of Active AST: 1
Number of Active UST: 2
Number of Inactive AST: 0
Number of Inactive UST: 3

 Fed Regulated:
 No

 Tank Number:
 1

 Tank Type:
 AST

 Tank Capacity:
 1000

 Tank Contents:
 KEROSENE

 Tank Status:
 CURR IN USE

Tank Containment:

4/7/1999 Install Date: Containment: Curbing No Containment: Weirs No Containment: Sorbent No Containment: Culvert No Containment: Diversion Nο Containment: Retention No Containment: Dike No Containment: Unknown No Containment: Other No

Containment: Other Note Not reported

Release Detection:

Release Detection: Ground Water
Release Detection: Visual
Release Detection: Vapor
Release Detection: Interstitial
Release Detection: None
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 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 Yes

Tank Roof: Breather Not reported Tank Roof: Dbldeck Not reported Tank Roof: Pontoon Not reported Tank Roof: Balloon Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

### **MUFFYS MARKET (Continued)**

U003696257

**EDR ID Number** 

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

#### 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 Galvanized Steel

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

### VA Financial Assurance 1:

Facility ID: 2036972

Owner Name: Carter Bank & Trust

ROF Own Id: 48260 Tank Type: UST Mechanism: Not reported Not reported Gallonage: Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported **Total Capacity:** 2000

CEDS Facility Name: Muffys Market
Tank Status: TEMP OUT OF USE

Active Federally Regualted UST: Y

Facility ID: 2036972

Owner Name: Carter Bank & Trust

ROF Own Id: 48260 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: 2000

CEDS Facility Name: Muffys Market

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**MUFFYS MARKET (Continued)** U003696257

Tank Status: TEMP OUT OF USE

Active Federally Regualted UST: Y

FRANCES ALLEY RESIDENCE LTANKS \$118639323

1670 CRESTRIDGE RD N/A

NNE 1/4-1/2 BASSETT, VA 24055

0.320 mi. 1690 ft.

LTANKS: Relative:

BRRO-R Region: Higher CEDS Facility Id: 200000882273

Actual: Case Status: Closed 1140 ft.

Pollution Complaint #: 20162299 Reported: 03/21/2016

JOHN PAULS COUNTRY STORE LUST U003676854 SW

172 WILSON MILL RD **LTANKS** N/A

1/4-1/2 BASSETT, VA 24055 UST 0.403 mi. **Financial Assurance** 

2127 ft.

LUST REG WC: Relative:

WC Region: Lower Case Status:

Not reported Actual: 09/05/2001 Date Reported: 1090 ft.

Date Closed: Not reported Release Reported: Not reported Pollution Control #: 02-2023. Case Manager: Not reported

JOHN PAUL'S COUNTRY STORE Owner Name:

UNKNOWN Owner Address: Owner City,St,Zip: Not reported Owner Phone: 540-673-1020

WC Region: Case Status: Open Date Reported: Not reported Date Closed: Not reported Release Reported: 09/23/2008 20092018 Pollution Control #:

Jonathan P Newbill Case Manager: 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: 200000082213

Case Status: Open Pollution Complaint #: 20092018 Reported: 09/23/2008

Facility:

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### JOHN PAULS COUNTRY STORE (Continued)

U003676854

Facility Id: 2017605 **GAS STATION** Facility Type: CEDS Facility ID: 200000082213

Owner:

Owner Id: 39453

Owner Name: John A. Wagoner 172 Wilson Mill Road Owner Address:

Owner Address2: Not reported Owner City, State, Zip: Bassett, VA 24055 Owner Type: COMMERCIAL

Number of Active AST: 0 Number of Active UST: 2 0 Number of Inactive AST: Number of Inactive UST: 2

Owner Id: 48762

Owner Name: John Paul Wagoner Owner Address: 502 Regina Court Owner Address2: Not reported Owner City, State, Zip: Hampton, VA 23669

Owner Type: **PRIVATE** Number of Active AST: 0

Number of Active UST: 2 0 Number of Inactive AST: Number of Inactive UST: 2

UST:

Facility ID: 2017605 Federally Regulated: Yes

Tank Number: 1 Tank Capacity: 550 Tank Contents: **GASOLINE** 

**TEMP OUT OF USE** Tank Status:

Tank Type: UST

Tank Material:

Install Date: 3/1/2002 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 Yes 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 Act-100

Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge Yes

Direction Distance Elevation

tion Site Database(s) EPA ID Number

## JOHN PAULS COUNTRY STORE (Continued)

U003676854

**EDR ID Number** 

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 Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater Yes 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 Det: Interior Double Walled
No
Pipe Release Detection: Other Method
No
Pipe Release Detection: Other Note
Exempt

Pipe Type: NO VALVE: SUCTION

Pipe Materials: Bare Steel No Pipe Materials: Galvanized Steel No Pipe Materials: Copper Nο Pipe Materials: Fiberglass Yes Pipe Materials: Cath Protect No Pipe Materials: Double Walled Yes Pipe Materials: Sec Containment Yes Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No Pipe Materials: Other Note Environ

Facility ID: 2017605 Federally Regulated: Yes

Tank Number: 2
Tank Capacity: 550

Tank Contents: GASOLINE

Tank Status: TEMP OUT OF USE

Tank Type: UST

Tank Material:

3/1/2002 Install Date: 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 Yes 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

Direction
Distance
Elevation

on Site Database(s) EPA ID Number

## JOHN PAULS COUNTRY STORE (Continued)

U003676854

**EDR ID Number** 

Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Act-100

#### Release Detection:

Tank Release Detection: Leak Deferred No Tank Release Detection: Manual Gauge Yes 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 Nο Tank Release Detection: Spill Install Yes Tank Release Detection: Overfill Install Yes Tank Release Detection: Groundwater Yes 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 Det: Interior Double Walled
No
Pipe Release Detection: Other Method
No
Pipe Release Detection: Other Note
Exempt

Pipe Type: NO VALVE: SUCTION

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 Yes Pipe Materials: Sec Containment No Pipe Materials: Repaired No Pipe Materials: Unknown No Pipe Materials: Other No Pipe Materials: Other Note Environ

Facility ID: 2017605 Federally Regulated: Yes

 Tank Number:
 C1

 Tank Capacity:
 550

 Tank Contents:
 GASOLINE

 Tank Status:
 CLS IN GRD

 Tank Type:
 UST

Tank Material:

Install Date: 5/7/1966
Tank Materials: Bare Steel Yes
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No

Direction Distance Elevation

Site Database(s) EPA ID Number

## JOHN PAULS COUNTRY STORE (Continued)

U003676854

**EDR ID Number** 

| 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 Yes 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 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
Pipe Release Detection: Leak Deferred
Pipe Release Detection: Autoleak
Not reported
Not reported
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 Det: Interior Double Walled No
Pipe Release Detection: Other Method No

Pipe Release Detection: Other Note Not reported

Pipe Type: 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: 2017605 Federally Regulated: Yes

Tank Number: R2 Tank Capacity: 550

Tank Contents: GASOLINE

Direction
Distance
Elevation

Site EDR ID Number

EDR ID Number

EPA ID Number

**REM FROM GRD** 

Not reported

UST

## JOHN PAULS COUNTRY STORE (Continued)

Tank Status:

Tank Type:

U003676854

| Tank Material:   |              |
|--|--------------|
| Install Date:  | 5/7/1966     |
| Tank Materials: Bare Steel   | Yes          |
| Tank Materials: Cath Protect Steel   | No           |
| Tank Materials: Cath Protect Steel  Tank Materials: Epoxy Steel              | No           |
| Tank Materials: Epoxy Steel Tank Materials: Fiberglass                       | No           |
| Tank Materials: Concrete   | No           |
| Tank Materials: Composite  | No           |
| Tank Materials: Composite  Tank Materials: Double Walled                     | No           |
| Tank Materials: Double Walled  Tank Materials: Lined Interior                | No           |
| Tank Materials: Excay Liner  | No           |
| Tank Materials: Insulated Tank Jacket  | No           |
| Tank Materials: Repaired   | No           |
| Tank Materials: Nepalied Tank Materials: Unknown                             | No           |
| Tank Materials: Other  | No           |
| Tank Materials: Other Note   | Not reported |
| Tank Materials. Other Note   | Not reported |
| Delegas Detection  |              |
| Release Detection: Tank Release Detection: Leak Deferred                     | No           |
|  | Yes          |
| Tank Release Detection: Manual Gauge   |              |
| Tank Release Detection: Auto Gauge   | No<br>No     |
| Tank Release Detection: Tank Tightness                                       | No<br>No     |
| Tank Release Detection: Vapor Monitor  |              |
| Tank Release Detection: Inventory  | No           |
| Tank Release Detection: Stat Invent Recon                                    | No           |
| Tank Release Detection: Spill Install  | No           |
| Tank Release Detection: Overfill Install Tank Release Detection: Groundwater | No           |
|  | 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 Det: Interior Double Walled                                     | No           |
| Pipe Release Detection: Other Method   | No           |

**VALVE: SUCTION** Pipe Type: 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 Release Detection: Other Note

Pipe Materials: Other Note Not reported

Map ID MAP FINDINGS Direction

Distance

Elevation Site Database(s) EPA ID Number

## JOHN PAULS COUNTRY STORE (Continued)

U003676854

**EDR ID Number** 

VA Financial Assurance 1:

Facility ID: 2017605

Owner Name: John Paul Wagoner

ROF Own Id: 48762
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 Connectivity

SEO.

Total Capacity: 550

CEDS Facility Name: John Pauls Country Store Tank Status: TEMP OUT OF USE

Active Federally Regualted UST: Y

Facility ID: 2017605

Owner Name: John Paul Wagoner

ROF Own Id: 48762 UST Tank Type: Mechanism: Not reported Not reported Gallonage: Per Occurence: Not reported Third Party: Not reported Annual Aggregate: Not reported In Compliance: Not reported

Total Capacity: 550

CEDS Facility Name: John Pauls Country Store Tank Status: TEMP OUT OF USE

Active Federally Regualted UST: Y

Count: 0 records. ORPHAN SUMMARY

City EDR ID Site Name Site Address Zip Database(s)

NO SITES FOUND

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: 05/30/2017 Source: EPA
Date Data Arrived at EDR: 06/08/2017 Telephone: N/A

Number of Days to Update: 99 Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 05/30/2017 Source: EPA
Date Data Arrived at EDR: 06/09/2017 Telephone: N/A

Number of Days to Update: 98 Next Scheduled EDR Contact: 01/15/2018
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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### 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: 05/30/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 98

Source: EPA Telephone: N/A

Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/15/2018 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: 10/06/2017

Next Scheduled EDR Contact: 01/15/2018 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: 07/11/2017 Date Data Arrived at EDR: 07/21/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 77

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/29/2018
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.

Date of Government Version: 07/11/2017 Date Data Arrived at EDR: 07/28/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 70

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

#### 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.

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

### 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.

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency Telephone: 800-438-2474

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

### 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017 Date Data Arrived at EDR: 06/13/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 94

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 11/27/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Varies

### 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: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 11/27/2017

Next Scheduled EDR Contact: 03/12/2018

Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/18/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

### 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 Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Department of Environmental Quality

Telephone: 804-698-4236 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 01/01/2018

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: 06/01/2017 Date Data Arrived at EDR: 06/01/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 141

Source: Department of Environmental Quality

Telephone: 804-698-4238 Last EDR Contact: 09/22/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Semi-Annually

## State and tribal leaking storage tank lists

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locaitons. 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, Fauguier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

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

Number of Days to Update: 48

Source: Department of Environmental Quality Northern Regional Office

Telephone: 703-583-3800 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

### LUST REG 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 VA: Leaking Underground Storage Tank List

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

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

Number of Days to Update: 39

Source: Department of Environmental Quality Valley Regional Office

Telephone: 540-574-7800 Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

#### LUST REG TD: Leaking Underground Storage Tank Sites

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

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

Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office

Telephone: trofoia@deq.vir Last EDR Contact: 09/26/2016

Next Scheduled EDR Contact: 01/09/2017 Data Release Frequency: Quarterly

### LUST REG SW: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 60

Source: Department of Environmental Quality Southwest Regional Office

Telephone: 276-676-4800 Last EDR Contact: 10/11/2016

Next Scheduled EDR Contact: 01/23/2017 Data Release Frequency: No Update Planned

### 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 Deward; cities of Danville, Lynchburg.

Date of Government Version: 09/06/2013 Date Data Arrived at EDR: 09/06/2013 Date Made Active in Reports: 09/17/2013

Number of Days to Update: 11

Source: Department of Environmental Quality, South Central Region

Telephone: 434-582-5120 Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016 Data Release Frequency: Semi-Annually

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

Date of Government Version: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

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

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 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: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

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

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

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

Date of Government Version: 10/07/2016 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: 11/07/2017

Next Scheduled EDR Contact: 02/05/2018 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: 08/02/2017 Date Data Arrived at EDR: 08/31/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 21

Source: Department of Environmental Quality

Telephone: 804-698-4010 Last EDR Contact: 11/29/2017

Next Scheduled EDR Contact: 03/12/2018 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: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 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: 08/10/2017 Date Data Arrived at EDR: 08/31/2017 Date Made Active in Reports: 09/20/2017

Number of Days to Update: 20

Source: Department of Environmental Quality

Telephone: 804-698-4010 Last EDR Contact: 11/29/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks Registered Aboveground Storage Tanks.

> Date of Government Version: 08/10/2017 Date Data Arrived at EDR: 08/31/2017 Date Made Active in Reports: 09/20/2017

Number of Days to Update: 20

Source: Department of Environmental Quality

Telephone: 804-698-4010 Last EDR Contact: 11/29/2017

Next Scheduled EDR Contact: 03/12/2018 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: 05/02/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2016 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: 214-665-7591 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 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: 404-562-9424 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

#### 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: 07/24/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 57

Source: Department of Environmental Quality

Telephone: 804-698-4228 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 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: 07/24/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 57

Source: Department of Environmental Quality

Telephone: 804-698-4228 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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: 07/24/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 57

Source: Department of Environmental Quality

Telephone: 804-698-4228 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 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: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Varies

#### 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.

Date of Government Version: 07/07/2017 Date Data Arrived at EDR: 07/28/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 55

Source: Department of Environmental Quality

Telephone: 804-698-4207 Last EDR Contact: 10/24/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/19/2017 Date Data Arrived at EDR: 06/20/2017 Date Made Active in Reports: 09/15/2017 Number of Days to Update: 87 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 09/20/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Semi-Annually

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

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 10/30/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 10/20/2017

Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

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

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Quarterly

### Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 07/11/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/21/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

SPILLS BRL: Prep/Spills Database Listing

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

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

Number of Days to Update: 18

Source: DEQ, Blue Ridge Regional Office

Telephone: 434-582-6218 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Varies

SPILLS 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: Prep/Spills Database Listing

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

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 08/31/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 21

Source: Department of Environmental Quality

Telephone: 804-698-4287 Last EDR Contact: 11/29/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Varies

SPILLS WC: Prep Database

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

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

Number of Days to Update: 31

Source: Department of Environmental Quality, West Central Region

Telephone: 540-562-6700 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

SPILLS VA: PREP Database

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

Date of Government Version: 08/08/2012 Date Data Arrived at EDR: 08/09/2012 Date Made Active in Reports: 10/05/2012

Number of Days to Update: 57

Source: Department of Environmental Quality, Valley Regional Office

Telephone: 540-574-7800 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Quarterly

SPILLS TD: PREP Database

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

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

Number of Days to Update: 13

Source: Department of Environmental Quality, Tidewater Region

Telephone: trofoia@deq.vir Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: Quarterly

SPILLS SW: Reportable Spills

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

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 NO: PREP Database

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

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

Number of Days to Update: 31

Source: Department of Environmental Quality, Northern Region

Telephone: 703-583-3864 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

SPILLS PC: Pollution Complaint Database

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

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

Number of Days to Update: 30

Source: Department of Environmental Quality

Telephone: 804-698-4287 Last EDR Contact: 03/08/2010

Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

SPILLS 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

#### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 11/22/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

#### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: N/A

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

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

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

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 11/17/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/10/2017 Date Data Arrived at EDR: 05/17/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 121

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

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

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/15/2015 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 14

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 09/22/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 133

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Annually

### ROD: Records Of Decision

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

Date of Government Version: 09/27/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 8

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Annually

#### RMP: Risk Management Plans

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

Date of Government Version: 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: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 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: 11/03/2017

Next Scheduled EDR Contact: 02/19/2018 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: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 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: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018 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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

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

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

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.

Source: EPA

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

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 11/20/2017 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 10/03/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 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

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/08/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 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

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 10/26/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2017 Date Data Arrived at EDR: 10/05/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/05/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

#### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

than 640 acres.

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

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018 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 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 11/02/2017

Next Scheduled EDR Contact: 02/19/2018 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: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/22/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 98

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/15/2018 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 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 36

Tele

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

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

Number of Days to Update: 100

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

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

Number of Days to Update: 100

Source: EPA

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 07/31/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS Telephone: 703-648-7709 Last EDR Contact: 09/01/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 09/01/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/25/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 24

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/23/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 9

Source: EPA Telephone: (215) 814-5000

Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 02/13/2017 Date Data Arrived at EDR: 02/15/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 261

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016 Date Data Arrived at EDR: 06/02/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 133

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/17/2017 Date Data Arrived at EDR: 08/17/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 29

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

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

Date of Government Version: 09/18/2017 Date Data Arrived at EDR: 09/19/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 2

Source: Department of Environmental Quality

Telephone: 804-698-4000 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 01/01/2018

Data Release Frequency: Varies

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: 09/05/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 09/25/2017

Number of Days to Update: 19

Source: Department of Environmental Quality

Telephone: 804-698-4077 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 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: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 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: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data A listing of enforcement actions.

Date of Government Version: 09/07/2017 Date Data Arrived at EDR: 09/08/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 13

Source: Department of Environmental Quality

Telephone: 804-698-4031 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 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: 08/01/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 09/21/2017
Number of Davis to Undete: 44

Number of Days to Update: 44

Source: Department of Environmental Quality

Telephone: 804-698-4205 Last EDR Contact: 10/30/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 08/04/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 44

Source: Department of Environmental Quality

Telephone: 804-698-4123 Last EDR Contact: 10/30/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 01/20/2017 Date Made Active in Reports: 02/14/2017

Number of Days to Update: 25

Source: Department of Environmental Quality

Telephone: 804-698-4159 Last EDR Contact: 09/22/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Annually

UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 08/01/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 49

Source: Department of Mines, Minerals and Energy

Telephone: 276-415-9700 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/12/2018

Data Release Frequency: Varies

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

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

### **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Telephone: N/A Last EDR Contact: N/A

Source: EDR, Inc.

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

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 Virgina 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: 07/28/2017 Date Data Arrived at EDR: 08/18/2017 Date Made Active in Reports: 11/14/2017

Telephone: 860-424-3375 Last EDR Contact: 11/14/2017

Number of Days to Update: 88

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: No Update Planned

Source: Department of Energy & Environmental Protection

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/11/2017 Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/05/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Annually

### **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

NY MANIFEST: Facility and Manifest Data

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

acility.

Date of Government Version: 10/01/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 11/13/2017

Number of Days to Update: 12

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/25/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 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: 11/16/2017

Next Scheduled EDR Contact: 03/05/2018 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: 09/11/2017

Next Scheduled EDR Contact: 12/25/2017 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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

Date of Government Version: 2003, 2015

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

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

### STREET AND ADDRESS INFORMATION

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# **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

FORMER MUFFYS C-STORE 2024 CRESTRIDGE ROAD BASSETT, VA 24055

### **TARGET PROPERTY COORDINATES**

Latitude (North): 36.688364 - 36° 41' 18.11" Longitude (West): 80.042803 - 80° 2' 34.09"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 585517.1 UTM Y (Meters): 4060527.0

Elevation: 1139 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 5949748 SANVILLE, VA

Version Date: 2013

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).

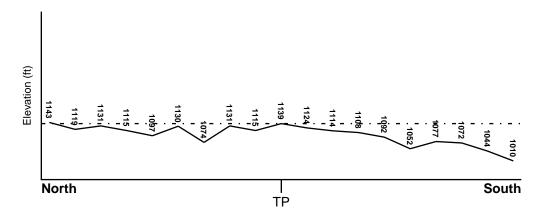
### **TOPOGRAPHIC INFORMATION**

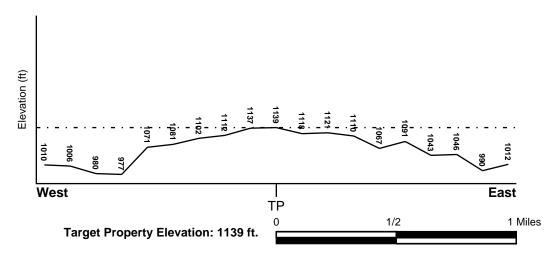
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

### 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**

Flood Plain Panel at Target Property FEMA Source Type

51089C0110C FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

51089C0120C FEMA FIRM Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

SANVILLE YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

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

### Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

### **ROCK STRATIGRAPHIC UNIT**

### **GEOLOGIC AGE IDENTIFICATION**

Era: Precambrian Category: Stratified Sequence

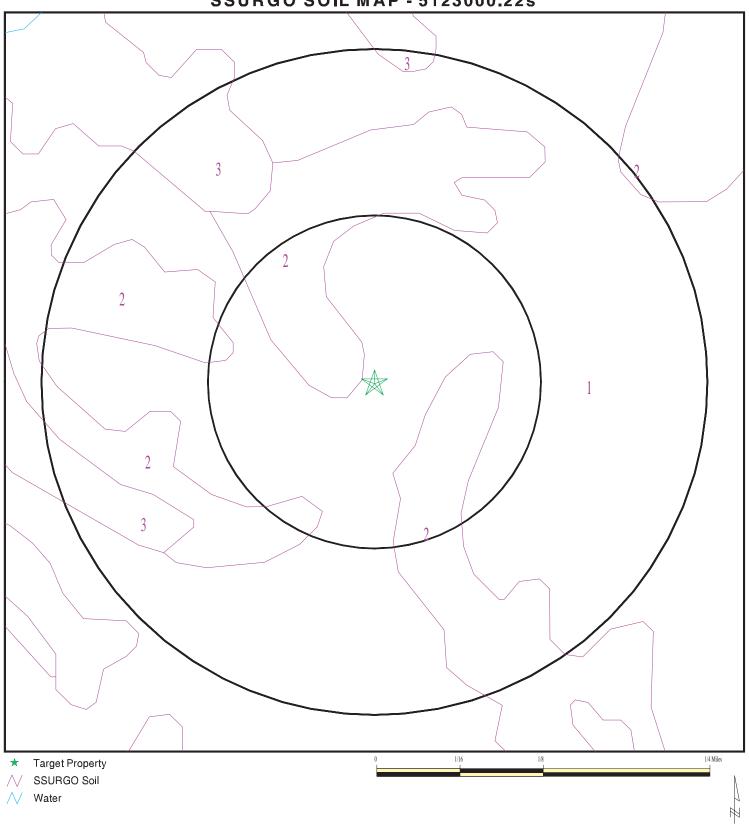
System: Precambrian

Series: Z Sedimentary rocks

Code: Z (decoded above as Era, System & Series)

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

# **SSURGO SOIL MAP - 5123000.22s**



SITE NAME: Former Muffys C-Store ADDRESS: 2024 Crestridge Road

Bassett VA 24055 36.688364 / 80.042803 LAT/LONG:

CLIENT: ECS Mid Atlantic, LLC
CONTACT: Alexandra Moon
INQUIRY#: 5123000.22s
DATE: November 30, 2017 4:19 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Clifford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

|       | Soil Layer Information |           |                    |   |   |                             |                    |
|-------|------------------------|-----------|--------------------|---|---|-----------------------------|--------------------|
|       | Boundary               |           |                    | Classification  |   | Saturated<br>hydraulic      |                    |
| Layer | Upper                  | Lower     | Soil Texture Class | AASHTO Group  | Unified Soil  | conductivity<br>micro m/sec |                    |
| 1     | 0 inches               | 7 inches  | sandy loam         | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.                    | Max: 42<br>Min: 14          | Max: 6 Min: 3.6    |
| 2     | 7 inches               | 51 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Clayey<br>Soils.                     | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 14<br>Min: 4           | Max: 6 Min:<br>3.6 |
| 3     | 51 inches              | 61 inches | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Clayey<br>Soils.                     | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.                    | Max: 42<br>Min: 4           | Max: 6 Min:<br>3.6 |

Soil Map ID: 2

Soil Component Name: Clifford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

|       | Soil Layer Information |           |                    |   |   |                             |                    |
|-------|------------------------|-----------|--------------------|---|---|-----------------------------|--------------------|
|       | Boundary               |           |                    | Classification  |   | Saturated hydraulic         |                    |
| Layer | Upper                  | Lower     | Soil Texture Class | AASHTO Group  | Unified Soil  | conductivity<br>micro m/sec | Soil Reaction (pH) |
| 1     | 0 inches               | 5 inches  | sandy loam         | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.                    | Max: 42<br>Min: 14          | Max: 6 Min:<br>3.6 |
| 2     | 5 inches               | 33 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Clayey<br>Soils.                     | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 14<br>Min: 4           | Max: 6 Min: 3.6    |
| 3     | 33 inches              | 61 inches | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Clayey<br>Soils.                     | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.                    | Max: 42<br>Min: 4           | Max: 6 Min:<br>3.6 |

Soil Map ID: 3

Soil Component Name: Clifford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information |           |           |                    |   |   |                             |                    |
|------------------------|-----------|-----------|--------------------|---|---|-----------------------------|--------------------|
|                        | Boundary  |           |                    | Classification  |   | Saturated hydraulic         |                    |
| Layer                  | Upper     | Lower     | Soil Texture Class | AASHTO Group  | Unified Soil  | conductivity<br>micro m/sec |                    |
| 1                      | 0 inches  | 5 inches  | sandy loam         | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.                    | Max: 42<br>Min: 14          | Max: 6 Min:<br>3.6 |
| 2                      | 5 inches  | 33 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Clayey<br>Soils.                     | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 14<br>Min: 4           | Max: 6 Min:<br>3.6 |
| 3                      | 33 inches | 61 inches | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Clayey<br>Soils.                     | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.                    | Max: 42<br>Min: 4           | Max: 6 Min:<br>3.6 |

### 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

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

### FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

# FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION MAP ID WELL ID FROM TP

No PWS System Found

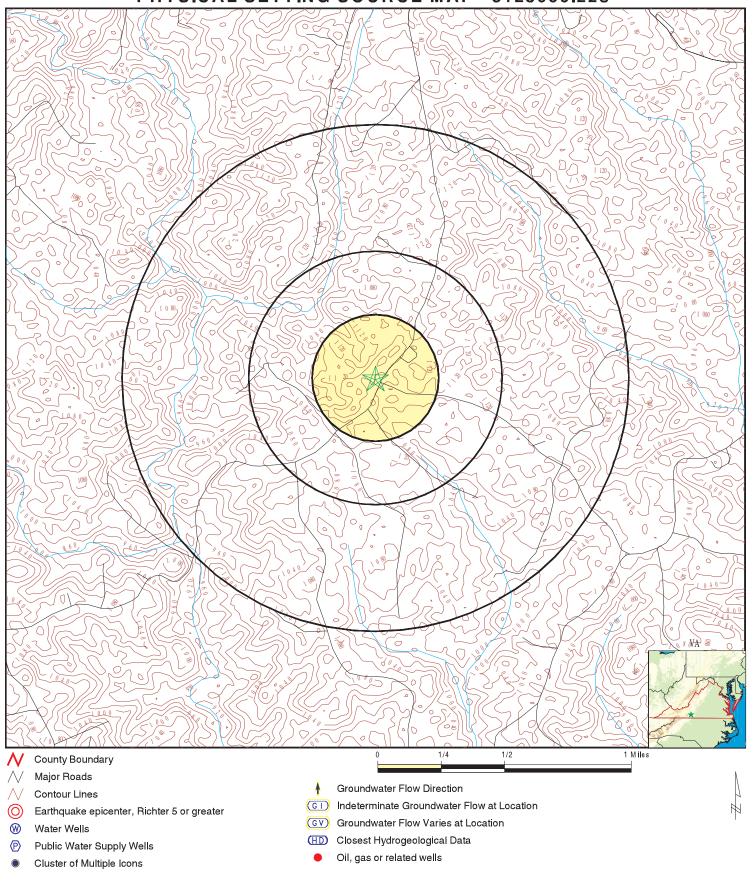
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

# PHYSICAL SETTING SOURCE MAP - 5123000.22s



SITE NAME: Former Muffys C-Store
ADDRESS: 2024 Crestridge Road
Bassett VA 24055

CLIENT: ECS Mid Atlantic, LLC
CONTACT: Alexandra Moon
INQUIRY #: 5123000.22s

LAT/LONG: 36.688364 / 80.042803 DATE: November 30, 2017 4:19 pm

# GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 24055

Number of sites tested: 29.

Maximum Radon Level: 5.4 pCi/L.

Minimum Radon Level: 0.5 pCi/L.

pCi/L pCi/L pCi/L pCi/L pCi/L pCi/L 4-10 10-20 20-50 50-100 >100 <4 25 (86.21%) 4 (13.79%) 0 (0.00%) 0 (0.00%) 0 (0.00%) 0 (0.00%)

Federal EPA Radon Zone for HENRY 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.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

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

### HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# Appendix IV: Historical Research Documentation

# **Former Muffys C-Store**

2024 Crestridge Road Bassett, VA 24055

Inquiry Number: 5123000.30

November 30, 2017

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

11/30/17

Site Name: Client Name:

Former Muffys C-Store 2024 Crestridge Road Bassett, VA 24055 EDR Inquiry # 5123000.30 ECS Mid Atlantic, LLC 7670 Enon Drive Suite 101 Roanoke, VA 24019

Contact: Alexandra Moon



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

### Search Results:

| <u>Year</u> | <u>Scale</u> | <u>Details</u>                   | Source    |
|-------------|--------------|----------------------------------|-----------|
| 2012        | 1"=500'      | Flight Year: 2012                | USDA/NAIP |
| 2011        | 1"=500'      | Flight Year: 2011                | USDA/NAIP |
| 2009        | 1"=500'      | Flight Year: 2009                | USDA/NAIP |
| 2006        | 1"=500'      | Flight Year: 2006                | USDA/NAIP |
| 2005        | 1"=500'      | Flight Year: 2005                | USDA/NAIP |
| 2000        | 1"=750'      | Flight Date: March 31, 2000      | USGS      |
| 1996        | 1"=500'      | Acquisition Date: April 03, 1996 | USGS/DOQQ |
| 1990        | 1"=750'      | Flight Date: March 23, 1990      | USGS      |
| 1982        | 1"=1000'     | Flight Date: April 01, 1982      | USGS      |
| 1977        | 1"=500'      | Flight Date: March 15, 1977      | USGS      |
| 1964        | 1"=750'      | Flight Date: March 19, 1964      | USGS      |
| 1951        | 1"=500'      | Flight Date: October 09, 1951    | USGS      |

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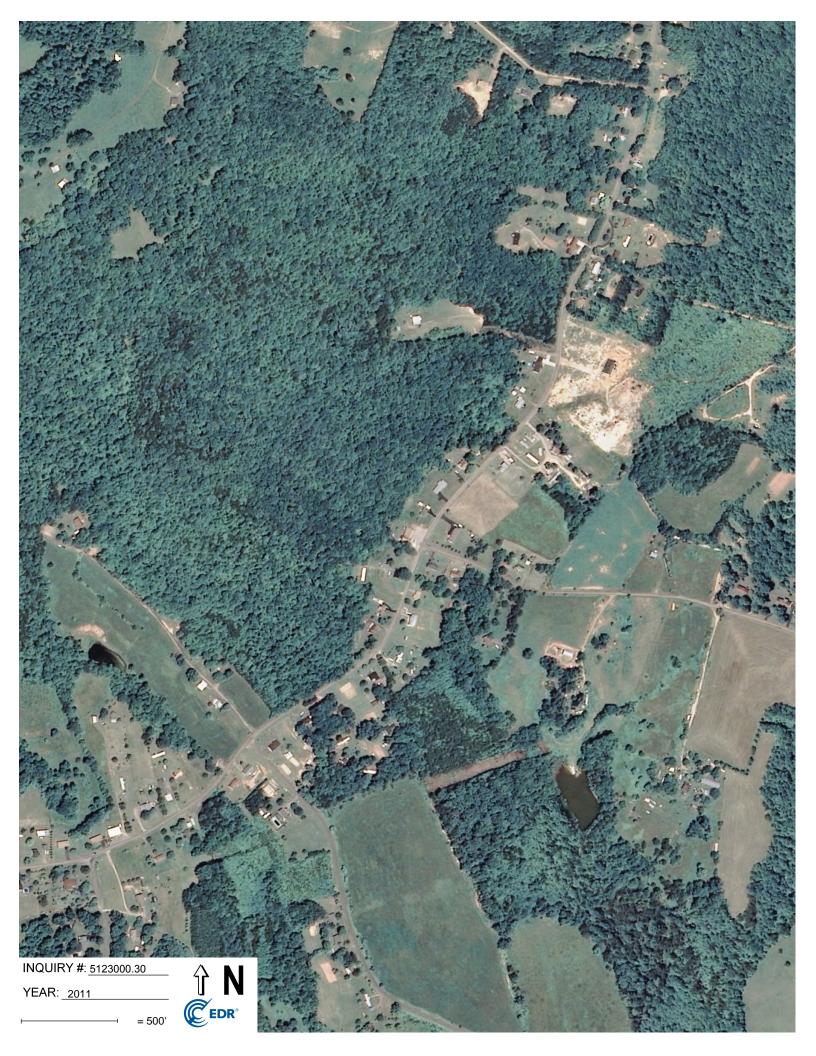
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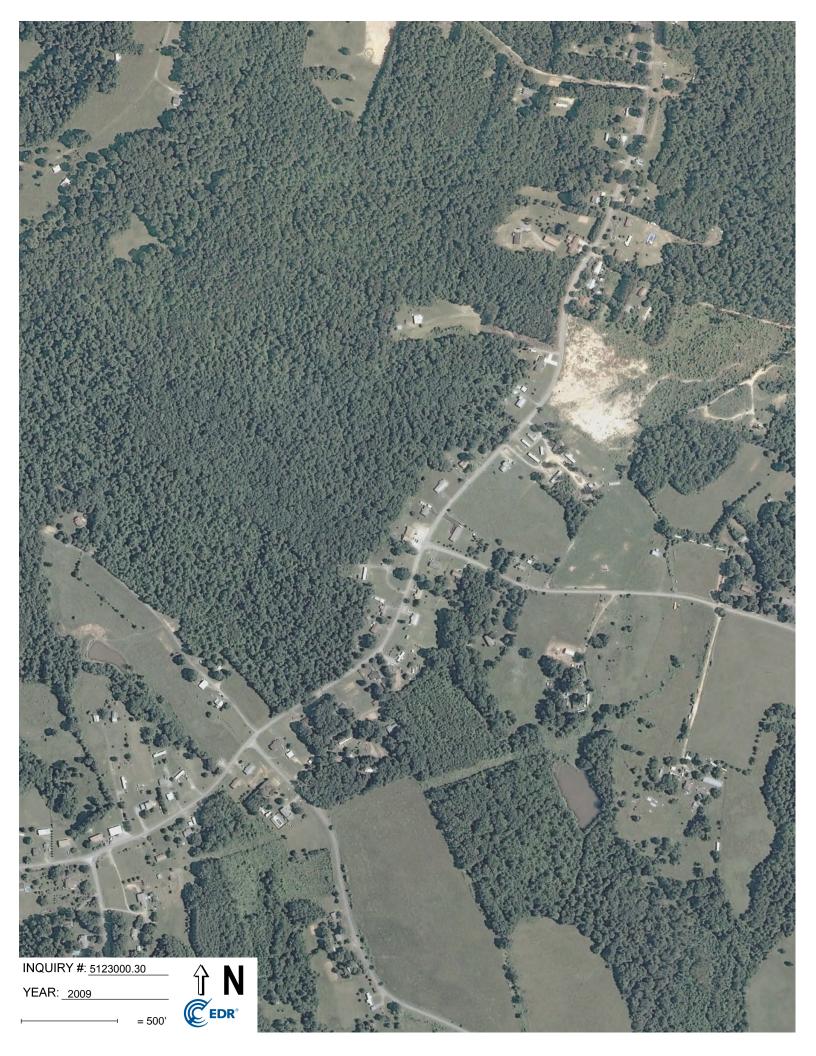
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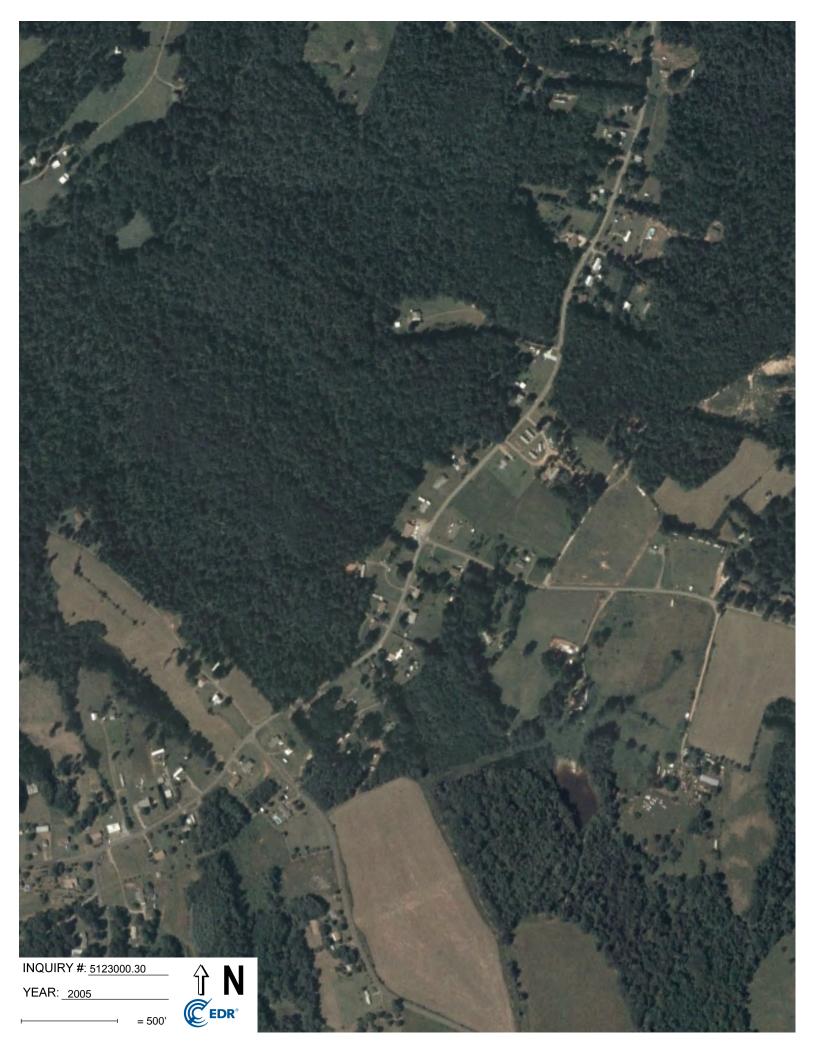
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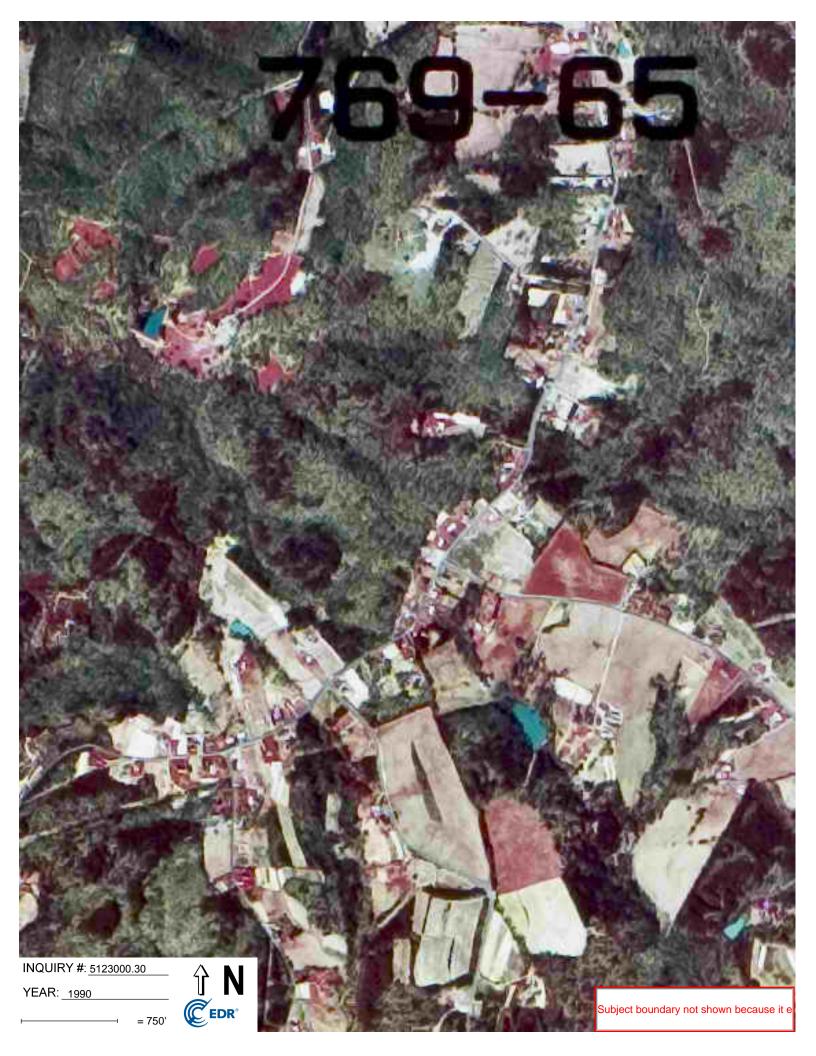






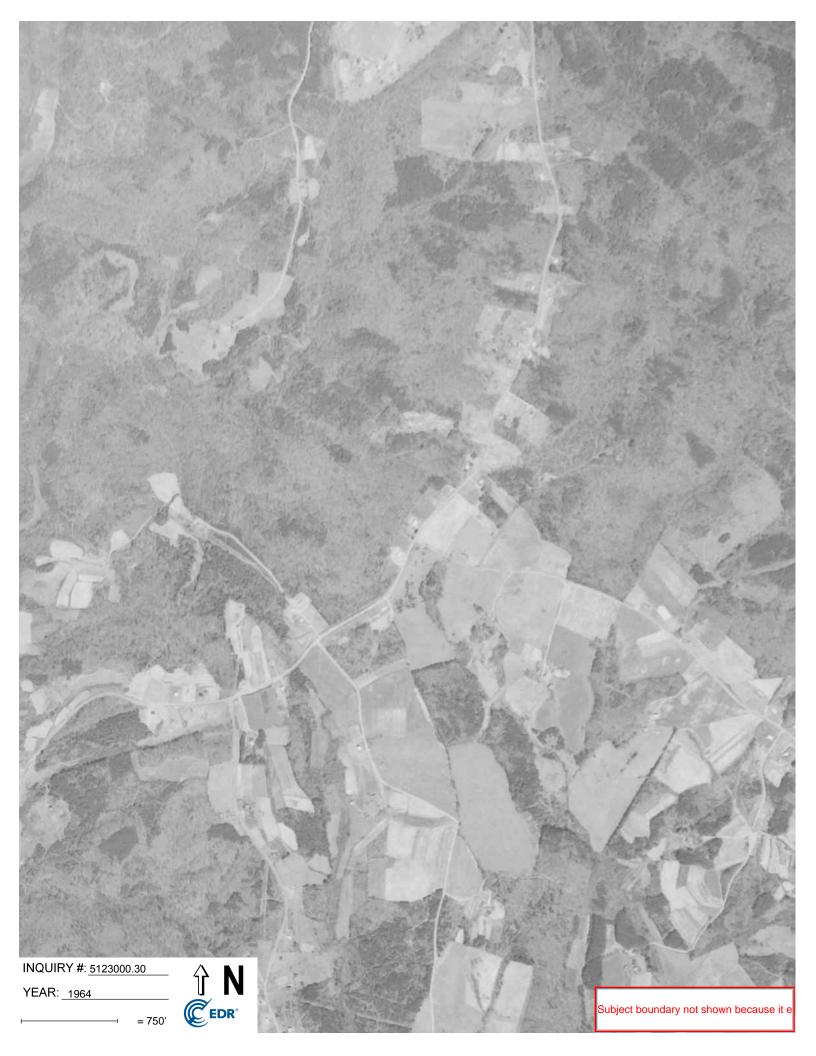














Former Muffys C-Store 2024 Crestridge Road Bassett, VA 24055

Inquiry Number: 5123000.23

November 30, 2017

# **Certified Sanborn® Map Report**



# **Certified Sanborn® Map Report**

11/30/17

Site Name: Client Name:

Former Muffys C-Store ECS Mid Atlantic, LLC 2024 Crestridge Road 7670 Enon Drive Suite 101 Bassett, VA 24055 Roanoke, VA 24019 EDR Inquiry # 5123000.23 Contact: Alexandra Moon



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

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

### Certified Sanborn Results:

Certification # EF7C-4270-91F7

PO# NA

**Project** 47 5181

### **UNMAPPED PROPERTY**

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



Sanborn® Library search results

Certification #: EF7C-4270-91F7

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

✓ Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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Former Muffys C-Store 2024 Crestridge Road Bassett, VA 24055

Inquiry Number: 5123000.24

November 30, 2017

# **EDR Historical Topo Map Report**

with QuadMatch™



# **EDR Historical Topo Map Report**

11/30/17

Site Name: Client Name:

Former Muffys C-Store 2024 Crestridge Road Bassett, VA 24055 EDR Inquiry # 5123000.24

ECS Mid Atlantic, LLC 7670 Enon Drive Suite 101 Roanoke, VA 24019

Contact: Alexandra Moon



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ECS Mid Atlantic, LLC 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. EDRs 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 Resu | ults:   | Coordinates:  | Coordinates:                |  |  |
|-------------|---------|---------------|-----------------------------|--|--|
| P.O.#       | NA      | Latitude:     | 36.688364 36° 41' 18" North |  |  |
| Project:    | 47 5181 | Longitude:    | -80.042803 -80° 2' 34" West |  |  |
|             |         | UTM Zone:     | Zone 17 North               |  |  |
|             |         | UTM X Meters: | 585515.09                   |  |  |
|             |         | UTM Y Meters: | 4060729.29                  |  |  |
|             |         | Elevation:    | 1137.06' above sea level    |  |  |

### **Maps Provided:**

2013

1983

1967

1928

1926

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## Topo Sheet Key

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

## 2013 Source Sheets



Sanville 2013 7.5-minute, 24000

## 1983 Source Sheets



Sanville 1983 7.5-minute, 24000 Aerial Photo Revised 1980

## 1967 Source Sheets



Sanville 1967 7.5-minute, 24000 Aerial Photo Revised 1964

#### 1928 Source Sheets



Critz 1928 15-minute, 62500

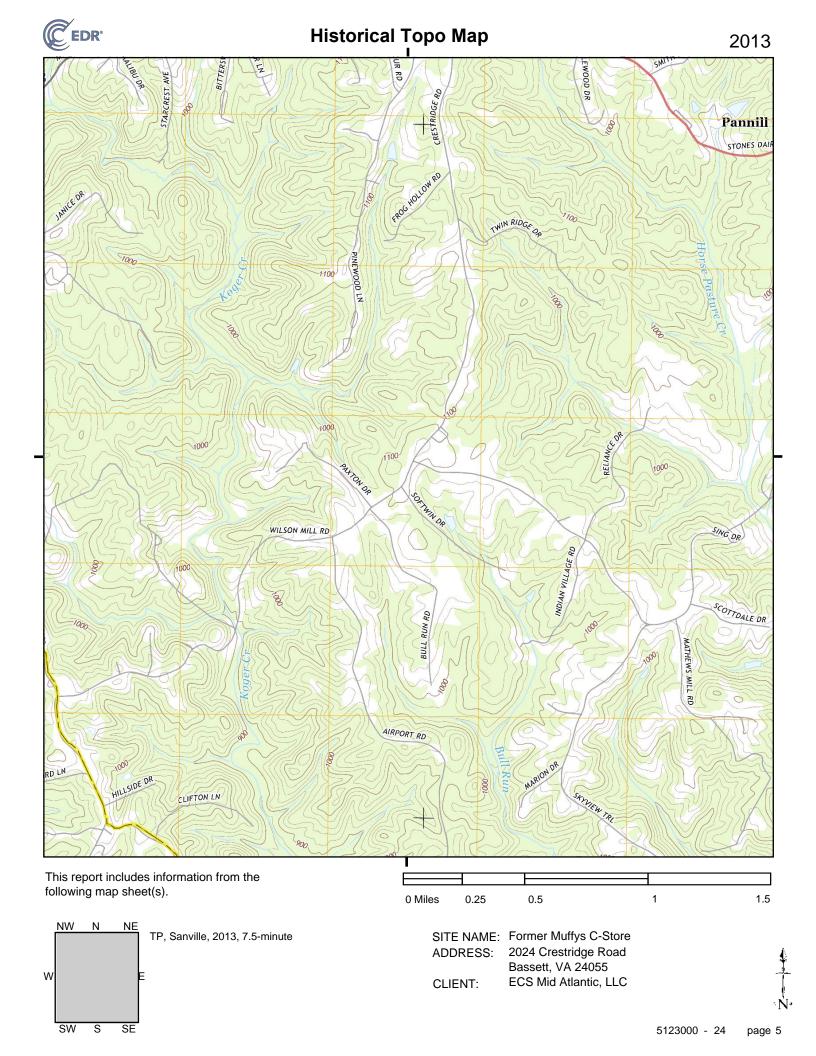
## Topo Sheet Key

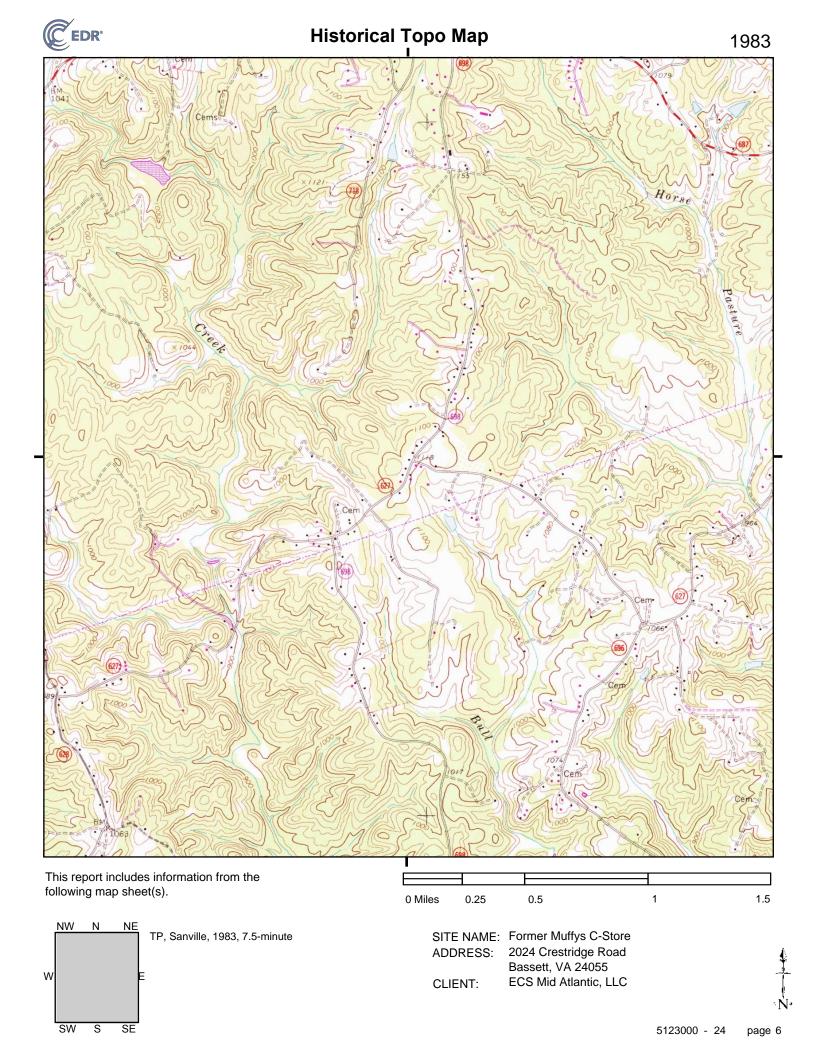
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

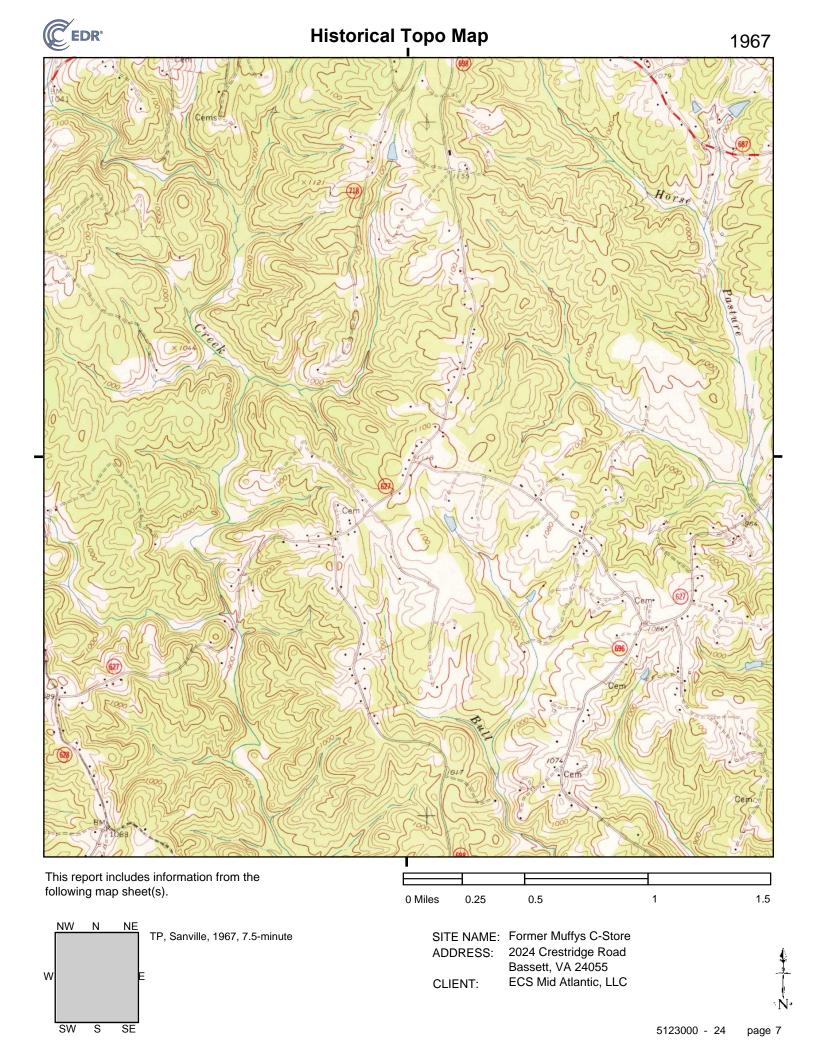
## 1926 Source Sheets

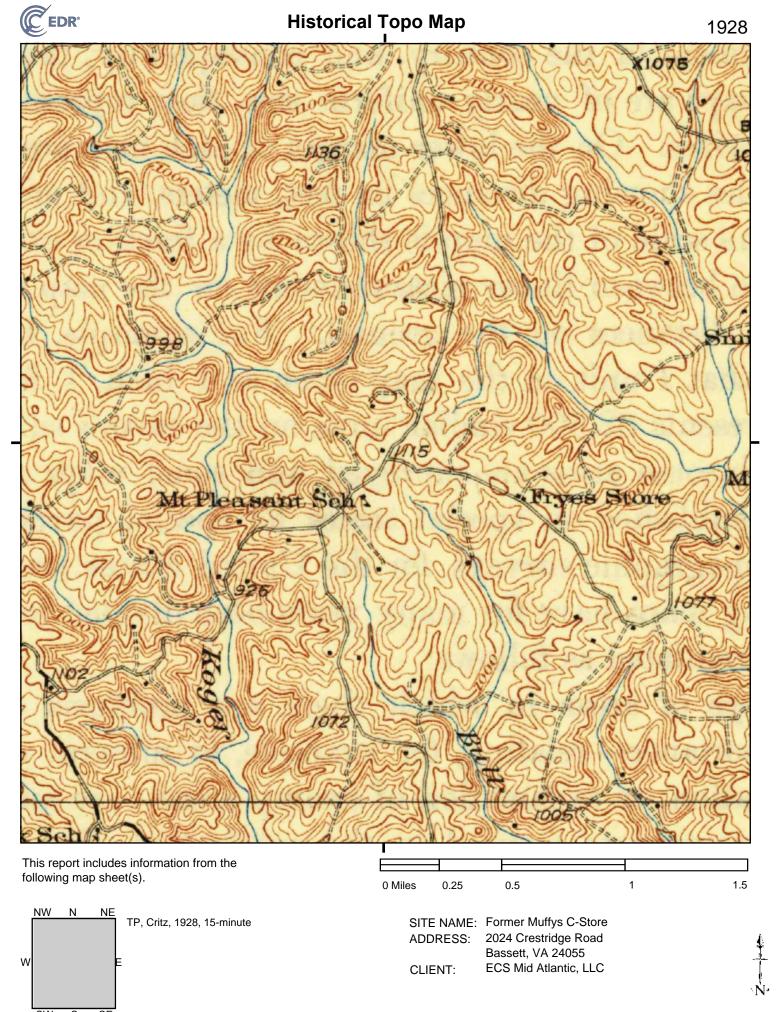


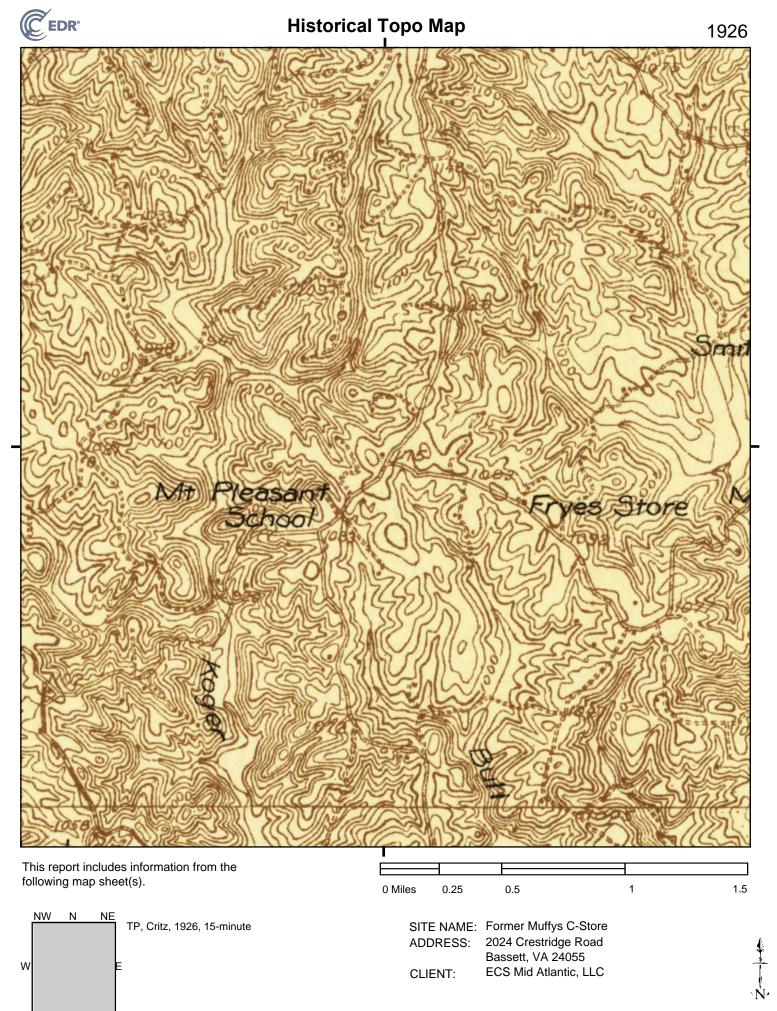
Critz 1926 15-minute, 48000











## **Former Muffys C-Store**

2024 Crestridge Road Bassett, VA 24055

Inquiry Number: 5123000.25

December 07, 2017

## The EDR-City Directory Image Report



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#### **SECTION**

**Executive Summary** 

**Findings** 

**City Directory Images** 

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

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#### **EXECUTIVE SUMMARY**

## **DESCRIPTION**

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

#### **RECORD SOURCES**

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

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#### **RESEARCH SUMMARY**

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

| <u>Year</u>          | <u>Target Street</u>    | Cross Street            | <u>Source</u>   |
|----------------------|-------------------------|-------------------------|---|
| 2014                 | $\overline{\checkmark}$ | $\overline{\checkmark}$ | <b>EDR Digital Archive</b>                                  |
| 2010                 | $\overline{\checkmark}$ | $\overline{\checkmark}$ | EDR Digital Archive   |
| 2005                 |                         | $\overline{\checkmark}$ | <b>EDR Digital Archive</b>                                  |
| 2000                 | $\overline{\checkmark}$ | $\overline{\checkmark}$ | <b>EDR Digital Archive</b>                                  |
| 1995                 |                         |                         | <b>EDR Digital Archive</b>                                  |
| 1992                 |                         |                         | EDR Digital Archive   |
| 2005<br>2000<br>1995 | $\square$               | $\square$               | EDR Digital Archi<br>EDR Digital Archi<br>EDR Digital Archi |

## **FINDINGS**

## TARGET PROPERTY STREET

2024 Crestridge Road Bassett, VA 24055

| <u>Year</u> | <u>CD Image</u> | <u>Source</u>       |   |
|-------------|-----------------|---------------------|---|
| CRESTRIC    | OGE RD          |                     |   |
| 2014        | pg A2           | EDR Digital Archive |   |
| 2010        | pg A6           | EDR Digital Archive |   |
| 2005        | pg A10          | EDR Digital Archive |   |
| 2000        | pg A14          | EDR Digital Archive |   |
| 1995        | -               | EDR Digital Archive | Target and Adjoining not listed in Source |
| 1992        | -               | EDR Digital Archive | Target and Adjoining not listed in Source |

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## **FINDINGS**

## **CROSS STREETS**

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

## WINGFIELD ORCHARD RD

| 2014 | pg. A4  | EDR Digital Archive |                                 |
|------|---------|---------------------|---------------------------------|
| 2010 | pg. A8  | EDR Digital Archive |                                 |
| 2005 | pg. A12 | EDR Digital Archive |                                 |
| 2000 | pg. A16 | EDR Digital Archive |                                 |
| 1995 | -       | EDR Digital Archive | Target and Adjoining not listed |
| 1992 | -       | EDR Digital Archive | Target and Adjoining not listed |

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Target Street Cross Street Source

→ EDR Digital Archive

## CRESTRIDGE RD 2014

| 83   | SLATE, BILLY J         |  |
|------|------------------------|--|
| 170  | GRAY, CAROL C          |  |
| 204  | GARTEN, KENNETH R      |  |
| 237  | CONWAY, MARY W         |  |
|      | WASENA P CONWAY        |  |
| 356  | WEATHERFORD, TOMMY W   |  |
| 362  | FRETWELL, BRIAN N      |  |
| 400  | FRETWELL, JEAN C       |  |
| 407  | CRAIG, DAVID W         |  |
| 430  | BOWMAN, GLEN           |  |
| 460  | GILLEY, GRACIE M       |  |
| 462  | FRETWELL, BLANDIE N    |  |
| 500  | KINGS MOBILE HOME PARK |  |
|      | OCCUPANT UNKNOWN,      |  |
| 525  | SMITH, THOMAS E        |  |
| 564  | GOARD, TROY A          |  |
| 575  | OCCUPANT UNKNOWN,      |  |
| 624  | HYLTON, ORA            |  |
| 656  | DICKERSON, VIEVA P     |  |
| 660  | HUGHES, GOLDIE M       |  |
| 667  | BAGWELL, SCOTT         |  |
| 671  | RAGANS, BRADLEY M      |  |
| 692  | DAVIS, CLYDE           |  |
| 719  | DAVIS, GEORGE A        |  |
| 720  | SACK, DAVE D           |  |
| 723  | CRAIG, BRADLEY         |  |
| 731  | LEE, DALE F            |  |
| 1030 | OCCUPANT UNKNOWN,      |  |
| 1057 | OCCUPANT UNKNOWN,      |  |
| 1060 | FULCHER, JUNIOR B      |  |
| 1162 | LEDUM, KIM             |  |
| 1187 | FIELDS, ROBERT L       |  |
| 1230 | NUNLEY, DANIEL E       |  |
| 1245 | BOYD, RONNIE R         |  |
| 1267 | SECHRIST, ANDY         |  |
| 1301 | FOLEY, DONALD E        |  |
| 1304 | OCCUPANT UNKNOWN,      |  |
| 1312 | CRAIG, DOUGLAS E       |  |
| 1344 | BLAKLEY, BOBBY F       |  |
| 1370 | DILLON, ROBERT E       |  |
| 1377 | HUNDLEY, DELANO H      |  |
| 1390 | SINK, EARL             |  |
| 1400 | ANDERSON, CHARLES D    |  |
| 1417 | OCCUPANT UNKNOWN,      |  |
| 1426 | BROOKS, BOBBY W        |  |
| 1471 | TURNER, THOMAS A       |  |
| 1492 | MOORE, LISA            |  |
| 1512 | SINSEL, SHENA          |  |
| 1514 | PETERS, TERRY          |  |
| 1542 | FOLEY, BARBARA G       |  |
|      |                        |  |

Target Street Cross Street Source

→ EDR Digital Archive

CRESTRIDGE RD 2014 (Cont'd)

| 1565 | OCCUPANT UNKNOWN,     |
|------|-----------------------|
| 1574 | BOYD, CURTIS G        |
| 1587 | LAUGHLAN, BRUCE A     |
| 1597 | LAUGHLIN, LINDA S     |
| 1610 | HALE, ROY E           |
| 1623 | BARBOUR, DONNA S      |
| 1643 | SHORTER, RICHARD M    |
| 1659 | OCCUPANT UNKNOWN,     |
| 1670 | ALLEY, TOM A          |
| 1681 | OCCUPANT UNKNOWN,     |
| 1690 | NUNN, BRAD            |
| 1701 | FRETWELL, ELMER N     |
| 1711 | TURNER, CECIL C       |
| 1719 | BOWMAN, CURTIS        |
| 1767 | LAWSON, WAYNE M       |
| 1780 | HALL, ERIC            |
| 1786 | OCCUPANT UNKNOWN,     |
| 1840 | KOGER, RONNIE E       |
| 1845 | DALTON, KAITLYN       |
| 1905 | HAZELWOOD, GARRY L    |
|      | HAZELWOODS ELECTRICAL |
| 1936 | GILLEY, JAMES C       |
| 1970 | WITT, TUESDAY         |
| 1992 | COCKRAM, MILDRED C    |
| 2013 | SANTOEMMA, TIM        |
| 2056 | MOORE, JAMES R        |
| 2071 | OCCUPANT UNKNOWN,     |
| 2078 | OCCUPANT UNKNOWN,     |
| 2093 | HASKINS, ARNOLD B     |
| 2094 | TUGGLE, VIRGINIA C    |
| 2118 | KENDRICK, DANNY A     |
| 2137 | COCKRAM, RUFUS W      |
| 2155 | JOYCE, NANCY C        |
| 2161 | NOE, TIMOTHY L        |
| 2241 | GRIFFITH, JEFFERY J   |
| 2287 | WALLER, FRED P        |
| 2290 | OCCUPANT UNKNOWN,     |
|      |                       |

## **EDR Digital Archive**

## WINGFIELD ORCHARD RD 2014

| 17           | MOORE JERRY CONSTRUCTION INC |
|--------------|------------------------------|
|              | MOORE, JERRY W               |
| 33           | LACY, FRANCESCA A            |
| 73           | TURNER, NED L                |
| 95           | BELTON, CATHERINE J          |
| 107          | MCBRIDE, DENNIS W            |
| 128          | OCCUPANT UNKNOWN,            |
| 129          | HUFF, SHANNON W              |
| 165          | ALVERSON, WESLEY             |
| 182          | WRIGHT, HAROLD E             |
| 203          | OCCUPANT UNKNOWN,            |
| 210          | MOTLEY, GERALD M             |
| 219          | OCCUPANT UNKNOWN,            |
| 220          | SPARKS, ELIZABETH            |
| 265          | JONES, BRAD                  |
| 268          | STEGALL, TIMOTHY H           |
| 282          | POE, JOHN A                  |
| 301          | ESTEP, JOHN P                |
| 306          | DOUGS LAWN SERVICE           |
|              | PENN, WALTER                 |
| 323          | MOORE, ROY E                 |
| 324          | HALEY, KELLY L               |
| 341          | KEITH, BONNIE                |
| 372          | COMBS, GARY C                |
| 389          | EARLES, CLYDE J              |
| 408          | CLAYTOR, JACKIE A            |
| 430          | LITTLETON, VERO O            |
| 445          | OCCUPANT UNKNOWN,            |
| 486          | PERRY, GLORIA A              |
| 495          | KNIGHTEN, MARIE N            |
| 500          | MOORE, ROY E                 |
| 524          | WHITLOCK PLUMBING & HTG INC  |
| 577          | OCCUPANT UNKNOWN,            |
| 580          | HOLLANDSWORTH, BOBBY J       |
| 612          | BURRELL, JEFF L              |
| 613          | HARRIS, JAMES C              |
| 650          | SCANDELL, VICKI L            |
| 710          | OCCUPANT UNKNOWN,            |
| 730          | TUGGLE, AMBER                |
| 781          | WASHBURN, CLARENCE L         |
| 809          | DULA, HUGH A                 |
| 811          | BOWMAN, KIMBERLY             |
| 888          | WRIGHT, GERALD M             |
| 990          | CHLUDZINSKI, NANCY J         |
| 1046<br>1126 | PERRY, SETH VIA, JEFF L      |
| 1126         | SURRATT, THOMAS              |
| 1148         | REED, EMILIE M               |
| 1281         | EARLES, LEONARD W            |
| 1339         | EASTER, GARY D               |
| 1338         | LASTEN, GANT D               |

## WINGFIELD ORCHARD RD 2014 (Cont'd)

| 1385 | MORSE, DAVID L             |
|------|----------------------------|
| 1437 | HOOKER, L                  |
| 1479 | TRENT, SHARON L            |
| 1535 | STULTZ, BOBBY L            |
| 1553 | CLARK, STACY R             |
| 1610 | OCCUPANT UNKNOWN,          |
|      | SLAUGHTER CONSTRUCTION LLC |
| 1625 | MORGAN, SCOTT              |
| 1685 | KIRK, RICHARD D            |
| 1690 | HODGES, TONY L             |
| 1739 | BELTON, JEFFREY D          |
| 1944 | CASSADY, JAMES M           |
| 2088 | SMART, ROBYN C             |
| 2130 | OCCUPANT UNKNOWN,          |
| 2159 | PERRY, RYAN W              |
| 2182 | JENKINS, SHERRY K          |
| 2199 | HARRIS, TYLER              |
| 2325 | OCCUPANT UNKNOWN,          |
| 2343 | JOYCE CHARLIE G III        |
|      | JOYCE, CHARLIE G           |
| 2414 | OCCUPANT UNKNOWN,          |
| 2459 | STONE, RANDY               |
| 2499 | MARTIN, TOMMY R            |
| 2586 | NORTON, LOUIS G            |
| 2630 | SHELTON, FAYE G            |
| 2645 | WINGFIELD FARM             |
| 2765 | WINGFIELD JULIA            |
|      | WINGFIELD, GORDON J        |
| 2867 | WINGFIELD, KIM             |
| 2868 | VIA, BUTCH                 |
| 2923 | LYNSKEY, SHAN              |
| 2951 | OCCUPANT UNKNOWN,          |
|      |                            |

Target Street Cross Street Source

→ EDR Digital Archive

## CRESTRIDGE RD 2010

| 83  | SLATE, BILLY J          |
|-----|-------------------------|
| 170 |                         |
| 204 |                         |
| 237 | CONWAY, MARY H          |
|     | WASENA P CONWAY         |
| 312 | DEBBIE L DILLON         |
|     | DILLON, STACY           |
| 362 | FRETWELL, BRIAN N       |
| 400 | FRETWELL, BILLY N       |
| 430 | BOWMAN, GLEN            |
| 460 | MARTIN, BETTY L         |
| 462 | FRETWELL, BLANDIE N     |
| 500 | JOYCE, LISA             |
|     | KINGS MOBILE HOME PARK  |
| 525 | SMITH, THOMAS E         |
| 564 | GOARD, TROY A           |
| 575 | SMITH, EDDIE            |
| 624 | HYLTON, CHRISTINE F     |
| 656 | DICKERSON, VIEVA P      |
| 660 | HUGHES, GOLDIE M        |
| 667 | JOYCE, ASHLEY P         |
| 671 | RAGANS, BRADLEY         |
| 692 | DAVIS, MARY E           |
| 719 | DAVIS, GEORGE A         |
| 723 | CRAIG, BRADLEY          |
| 731 | LEE, DALE F             |
|     | OUTSIDE NORM            |
| 103 | 0 FRETWELL, CURTIS D    |
| 106 | 0 FULCHER, ROY W        |
| 116 | 2 FORLEY, SUSAN         |
| 118 | 7 FIELDS, ROBERT L      |
| 123 | 0 NUNLEY, DANIEL E      |
| 124 | 5 BOYD, RONNIE R        |
| 130 | 1 FOLEY, DONALD E       |
| 130 | 4 MALONE, JR            |
| 131 | 2 CRAIG, DOUGLAS E      |
| 134 | 4 BLAKLEY, BOBBY F      |
| 139 | 0 SINK, EARL            |
| 140 | 0 ANDERSON, CHARLES D   |
| 142 | 6 BROOKS, BOBBY W       |
| 147 | 1 MOORE, SANDRA G       |
| 151 | 2 SANCHEZ, JACOBO       |
| 151 | 4 ALLEY, JESSE          |
| 154 | 2 FOLEY, BARBARA G      |
| 156 | 5 PENN, CHANTEE         |
| 157 | 4 BOYD, CURTIS G        |
| 158 | 7 LAUGHLAN, BRUCE A     |
| 159 | 7 RAGANS, MICHAEL S     |
| 164 | 3 SHORTER, JACQUELINE R |
| 165 | 9 SHORTER, GEORGE       |
|     |                         |

Target Street Cross Street Source

→ EDR Digital Archive

CRESTRIDGE RD 2010 (Cont'd)

| 1670 | ALLEY, TOM A              |
|------|---------------------------|
| 1681 | SHORTER, LESLIE           |
| 1701 | FRETWELL, MARY R          |
| 1711 | ALLEY, DANIELLE           |
| 1719 | BOWMAN, LINDA L           |
| 1767 | LAWSON, JEAN              |
| 1786 | KOGER, RONNIE E           |
| 1840 | KOGER, NOLAN              |
| 1845 | RIDER, DONNIE             |
| 1905 | HAZELWOODS ELECTRICAL     |
| 1936 | GILLEY, DOLLIE M          |
| 1970 | WITT, TUSDAY              |
| 1992 | COCKRAM, MILDRED C        |
| 2013 | PINKARD, BOBBY J          |
|      | PINKARDS INSURANCE AGENCY |
| 2056 | MOORE, ROBERT L           |
| 2071 | CASSELL, ROY J            |
| 2137 | COCKRAM, RUFUS            |
| 2155 | JOYCE, NANCY C            |
| 2161 | NOE, TIMOTHY              |
| 2286 | BOYD, LOVELENE C          |
| 2287 | WALLER, FRED P            |
| 2290 | PRUITT, PATRICIA          |
|      |                           |

Target Street

Cross Street

<u>Source</u> EDR Digital Archive

## WINGFIELD ORCHARD RD 2010

| 17   | MOORE JERRY CONSTRUCTION INC |
|------|------------------------------|
|      | MOORE, JERRY W               |
| 33   | HICKS, JAMES T               |
| 73   | BROWN, SEAN A                |
| 95   | BELTON, CATHERINE J          |
| 128  | REED, S                      |
| 129  | HUFF, SHANNON W              |
| 165  | ALVERSON, EUGENE D           |
| 182  | WRIGHT, HAROLD E             |
| 219  | WINN, JAMES                  |
| 265  | JONES, BRAD                  |
| 268  | STEGALL, TIMOTHY H           |
| 301  | ESTEP & ASSOCIATES           |
|      | ESTEP, JOHN P                |
| 306  | DOUGS LAWN SERVICE           |
|      | PENN, ZINA B                 |
| 341  | YOUNG, MARY R                |
| 344  | ODELL, ALICE R               |
| 372  | COMBS, GARY C                |
| 389  | EARLES, CLYDE J              |
| 408  | CLAYTOR, JACQUELINE A        |
| 430  | LITTLETON, PAUL J            |
| 500  | MOORE, ROY E                 |
| 524  | WHITLOCK PLUMBING & HTG INC  |
| 580  | HOLLANDSWORTH, BOBBY J       |
| 730  | TUGGLE, MARGARET H           |
| 781  | WASHBURN, CLARENCE L         |
| 809  | DULA, ALLEN                  |
| 811  | PREVETTE, KEVIN W            |
| 824  | CHAPMAN, DON H               |
| 888  | WRIGHT, GERALD M             |
| 990  | DAVIDSON, ED D               |
| 1046 | PERRY, RYAN W                |
| 1135 | SURRATT, SCOTT               |
| 1148 | REED, EMILIE M               |
| 1281 | EARLES, LEONARD W            |
| 1339 | EASTER, GRACIE A             |
| 1385 | SPENCER, CURTIS M            |
| 1437 | HOOKER, L                    |
| 1553 | SMITH, RIVERS M              |
| 1610 | SLAUGHTER CONSTRUCTION LLC   |
|      | SLAUGHTER, SID L             |
| 1685 | KIRK, RICHARDD D             |
| 1690 | HODGES, BARBARA A            |
| 1694 | HODGES, TONY                 |
| 1739 | BELTON, JEFFREY D            |
| 1944 | CASSADY, JAMES M             |
| 2088 | SMART, BILLY D               |
| 2130 | BURRELL, BILLIE J            |
| 2159 | PERRY, IRIS F                |
| • •  | ,                            |

## WINGFIELD ORCHARD RD 2010 (Cont'd)

| 2182<br>2343 | KENDRICK, BRADLEY<br>JOYCE CHARLIE G III<br>JOYCE, CHARLIE G |
|--------------|--|
| 2459         | STONE, MARY B  |
| 2586         | NORTON, LOUIS G  |
| 2645         | WINGFIELD FARM   |
| 2765         | WINGFIELD JULIA  |
|              | WINGFIELD, GORDON J  |
| 2867         | WINFIELD, JULIA T  |
| 2868         | VIA, EARL M  |
| 2923         | BROOKS, BARBARA J  |
| 2951         | TURNER, THOMAS   |
|              |  |

Target Street Cross Street Source

- EDR Digital Archive

## CRESTRIDGE RD 2005

| 00   | CLATE DILLY I          |
|------|------------------------|
| 83   | SLATE, BILLY J         |
| 170  | GRAY, CAROL C          |
| 204  | GARTEN, KENNETH R      |
| 312  | FOLEY, CLYDE M         |
| 356  | HANDY, WAYNE W         |
| 362  | FRETWELL, BRIAN N      |
| 400  | FRETWELL, BILLY N      |
| 430  | BOWMAN, GLEN           |
| 460  | ADKINS, RONNIE         |
| 462  | FRETWELL, BLANDIE N    |
| 500  | JOYCE, BRANDI E        |
|      | KINGS MOBILE HOME PARK |
| 525  | SMITH, THOMAS E        |
| 564  | GOARD, TROY A          |
| 575  | SMITH, JAMES E         |
| 624  | HYLTON, CHRISTINE C    |
| 656  | DICKERSON, VIEVA P     |
| 671  | SPENCER, ANGELA        |
| 719  | DAVIS, CLYDE B         |
| 720  | COCKE, NEAL H          |
| 731  | LEE, DALE F            |
| 1030 | FRETWELL, CURTIS D     |
| 1060 | FULCHER, ROY W         |
| 1162 | ROBERTS, FRED          |
| 1187 | FIELDS, ROBERT L       |
| 1245 | BOYD, RONNIE R         |
| 1267 | MALONE, BRANDI         |
| 1301 | FOLEY, DONALD E        |
| 1312 | CRAIG, DOUGLAS W       |
| 1344 | BLAKLEY, BOBBY F       |
| 1370 | DILLON, ROBERT O       |
| 1377 | HALL, LINDA J          |
| 1390 | SINK, EARL             |
| 1400 | ANDERSON, CHARLES D    |
| 1417 | MERRIMAN, GLORIA       |
| 1426 | BROOKS, BOBBY W        |
| 1464 | FOLEY, RONALD W        |
| 1471 | MOORE, SANDRA          |
| 1492 | MOORE, LYNN J          |
| 1512 | TILLEY, WENDY          |
| 1514 | TURNER, BRENDA         |
| 1542 | FOLEY, BARBARA G       |
| 1574 | BOYD, CURTIS G         |
| 1587 | LAUGHLAN, BRUCE A      |
| 1597 | RAGANS, EVELYN         |
| 1610 | HALE, ROY E            |
| 1623 | BARBOUR, KENNITH       |
| 1643 | SHORTER, GEORGE L      |
| 1659 | SHORTER, GEORGE K      |
| 1670 | ALLEY, TOM A           |
|      |                        |

Target Street Cross Street Source

→ EDR Digital Archive

CRESTRIDGE RD 2005 (Cont'd)

| 1681 | WALKER, JAMES G           |
|------|---------------------------|
| 1701 | FRETWELL, MARY            |
| 1719 | BOWMAN, LINDA L           |
| 1780 | HALL, E                   |
| 1786 | KOGER, RONNIE E           |
| 1845 | CASSELL, MICHAEL          |
| 1905 | HAZELWOOD, GARRY L        |
|      | HAZELWOODS ELECTRICAL     |
| 1936 | GILLEY, DOLLIE M          |
| 1970 | JOYCE, RAYMOND S          |
| 1992 | COCKRAM, MILDRED C        |
| 2013 | PINKARDS INSURANCE AGENCY |
| 2071 | CASSELL, ROY J            |
| 2094 | PUCKETT, CHRISTINE        |
| 2118 | ROOP, SAMUEL C            |
| 2137 | COCKRAM, RUFUS            |
| 2161 | NOE, TAMMY W              |
| 2241 | GRIFFITH, JEFFERY J       |
| 2278 | JOHNSTON, WARREN L        |
| 2282 | SHELTON, DAVID L          |
| 2286 | BOYD, LOVELENE C          |
| 2287 | WALLER, FRED P            |
|      |                           |

## WINGFIELD ORCHARD RD 2005

| 17         | MOORE JERRY CONSTRUCTION INC       |
|------------|------------------------------------|
|            | MOORE, JERRY W                     |
| 33         | HICKS, JAMES T                     |
| 73         | BROWN, SEAN A                      |
| 95         | BELTON, CATHERINE J                |
| 107        | BRANHAM, MARILYN                   |
| 128        | PURDY, BILLY                       |
| 129        | SPENCER, STEPHEN L                 |
| 165        | ALVERSON, EUGENE D                 |
| 182        | WRIGHT, HAROLD E                   |
| 210        | ESTEPP, JODY B                     |
| 219        | WINN, JAMES                        |
| 220        | MASE, MICHAEL                      |
| 250        | CRAIG, WESLEY                      |
| 265        | JONES, BRAD                        |
| 268        | STEGALL, TIMOTHY H                 |
| 301        | ESTEP & ASSOCIATES                 |
|            | ESTEP, JOHN P                      |
| 306        | ARRINGTON, JULIE                   |
| 323        | BOWMAN, CHARLIE M                  |
| 324        | GRIMES, CONNIE M                   |
| 341        | YOUNG, MARY R                      |
| 344        | ODELL, ALICE R                     |
| 372        | COMBS, GARY C                      |
| 389        | EARLES, CLYDE J                    |
| 408        | CLAYTOR, JACKIE                    |
| 430<br>486 | LITTLETON, PAUL J<br>PERRY, JOHN B |
| 400<br>500 | MOORE, ROY E                       |
| 524        | WHITLOCK PLUMBING & HEATING        |
| 580        | HOLLANDSWORTH, BOBBY J             |
| 612        | SHELTON, WILLIAM                   |
| 650        | CAMDEN, MELODY                     |
| 730        | TUGGLE, MARGARET H                 |
| 781        | WASHBURN, CLARENCE L               |
| 811        | PREVETTE, KEVIN W                  |
| 824        | CHAPMAN, DON H                     |
| 888        | WRIGHT, GERALD M                   |
| 990        | DAVIDSON, ED D                     |
| 1046       | PERRY, RYAN W                      |
| 1126       | WOOD, LISA H                       |
| 1135       | GUSLER, DONNIE W                   |
| 1148       | REED, EMILIE M                     |
| 1281       | EARLES, LEONARD W                  |
| 1339       | EASTER, GRACIE A                   |
| 1385       | SPENCER, CURTIS M                  |
| 1437       | GILLEY, LLOYD W                    |
| 1610       | SLAUGHTER CONSTRUCTION LLC         |
|            | SLAUGHTER, SID L                   |
| 1625       | AAA SIDING                         |
|            |                                    |

## WINGFIELD ORCHARD RD 2005 (Cont'd)

| 1625 | SAWYERS, CHARLES L  |
|------|---------------------|
| 1685 | KIRK, RICHARDD D    |
| 1690 | FOLEY, MYRTLE I     |
| 1739 | BELTON, JEFFREY D   |
| 1944 | CASSADY, JAMES M    |
| 2088 | SMART, BILLY D      |
| 2105 | TATE, EDITH W       |
| 2130 | BURRELL, BILLIE J   |
| 2182 | KEFFER, JAMES D     |
| 2199 | HARRIS, RICHARD M   |
| 2325 | JONES, ANNE         |
| 2343 | JOYCE, CHARLIE G    |
| 2459 | STONE, MARY B       |
| 2499 | MARTIN, THOMAS R    |
| 2586 | BOYD, WALTER G      |
| 2630 | SHELTON, LINWOOD O  |
| 2645 | WINGFIELD FARM      |
| 2765 | WINGFIELD, GORDON J |
| 2867 | WINGFIELD JULIA     |
|      | WINGFIELD, JULIA T  |
| 2868 | VIA, EARL M         |
| 2923 | BROOKS, BARBARA     |
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Target Street

**Cross Street** 

<u>Source</u>

**EDR Digital Archive** 

## CRESTRIDGE RD 2000

|      | CKESTKIL                  |
|------|---------------------------|
|      |                           |
| 117  | LASH, G G                 |
| 170  | GRAY, C C                 |
| 204  | GARTEN, KENNETH R         |
| 292  | CENTRAL INVESTIGATION AGE |
| 312  | FOLEY, CLYDE M            |
| 356  | HANDY, WAYNE              |
| 362  | FRETWELL, BRIAN           |
| 407  | FRETWELL, CLINTON R       |
| 430  | BOWMAN, GLEN              |
| 500  | JOYCE, B E                |
| 525  | SMITH, EVELYN M           |
| 564  | GOARD, TROY A             |
| 575  | SMITH, G                  |
| 671  | SPENCER, ANGELA           |
| 720  | COCKE, NEAL               |
| 723  | CRAIG, CARL B             |
| 731  | LEE, DALE F               |
| 1030 | FRETWELL, CURTIS          |
| 1057 | SMITH, LORENE W           |
| 1060 | FULCHER, JUNIOR B         |
| 1187 | TURNER, M T               |
| 1217 | MOORE, BUFORD             |
| 1230 | ELLER, WAYNE              |
| 1245 | BOYD, RONNIE R            |
| 1267 | JANEY, ROY B              |
| 1301 | FOLEY, DONALD E           |
| 1312 | CRAIG, S L                |
| 1344 | BLAKLEY, BOBBY F          |
| 1370 | OSBORNE, TIMMY            |
| 1377 | HALL, L                   |
| 1390 | ,                         |
| 1400 | ANDERSON, CHARLES         |
| 1542 | FOLEY, BARBARA G          |
| 1574 | BOYD, C G                 |
| 1610 | HALE, ROY                 |
| 1643 | SHORTER, GEORGE L         |
| 1659 | SHORTER, GEORGE K         |
| 1670 | ALLEY, TOM                |
| 1681 | MOORE, APRIL              |
| 1711 | GREGORY, MARYANN          |
| 1719 | BOWMAN, L                 |
| 1780 | HALL, FRANK C             |
| 1786 | KOGER, RONNIE E           |
| 1840 | KOGER, W N                |
| 1845 | HELMSTUTLER, T J          |
| 1905 | HAZELWOOD, GARRY L        |
| 1936 | GILLEY, DOLLIE M          |
| 1970 | JOYCE, RAYMOND            |

1992

2056

COCKRAM, M C

MOORE, ROBERT L

Target Street Cross Street Source

→ EDR Digital Archive

CRESTRIDGE RD 2000 (Cont'd)

|              | CRESTRIDGE RD                    | 2000 | (Conta) |  |
|--------------|----------------------------------|------|---------|--|
| 0074         | CASSELL BOY !                    |      |         |  |
| 2071<br>2161 | CASSELL, ROY J<br>NOE, TIMOTHY W |      |         |  |
| 2241         | GRIFFITH, JEFFERY                |      |         |  |
| 2278         | TUGGLE, B J                      |      |         |  |
| 2282         | SHELTON, DAVID L                 |      |         |  |
| 2286         | BOYD, JOHNNIE R                  |      |         |  |
| 2287         | WIMBISH, ROY                     |      |         |  |
| 2290         | JOHNSTON, JUANITA K              |      |         |  |
|              |                                  |      |         |  |
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Target Street

Cross Street

Source EDR Digital Archive

## WINGFIELD ORCHARD RD 2000

17 MOORE JERRY CONSTRUCTION MOORE JERRY CONSTRUCTION INC MOORE, JERRY W 73 BROWN, SEAN A 95 BELTON, CJ 129 HANCOCK, RANDY L 165 ALVERSON, EUGENE 182 WRIGHT, HAROLD E 219 WINN, JAMES 250 HOLLANDSWORTH, DAVID 265 PRICE, JOANNA L 268 STEGALL, TIMOTHY H 282 LEONARD, BENNIE J HALTER, T L 306 323 BOWMAN, CHARLIE M 324 BONHAM, CW 389 FERGUSON, JOHN 430 LITTLETON, PAUL J 445 JARRETT, RICHARD E 486 PERRY, JOHN B 495 KNIGHTEN, BILLY E 500 MOORE, ROY E 524 WHITLOCK PLUMBING & HEATING 580 HOLLANDSWORTH, BOBBY J 612 SHELTON, WILLIAM 613 RUTHERFORD, BARBARA A 650 CLARK, AMY L 730 TUGGLE, MH 765 HUTCHERSON, TONY 781 WASHBURN, C 809 FALCONBURY, FO 811 FITZGERALD, JOSHUA 824 CHAPMAN, DON H 888 WRIGHT, GERALD M 990 DAVIDSON, ED 1046 LAPAGE, E 1126 FRANKLIN, MICHAEL 1148 REED, EMILIE M 1251 FAIN, WANDA 1281 EARLES, LEONARD W 1385 SPENCER, CURTIS M 1437 GILLEY, LLOYD 1535 GRINDSTAFF, WILLIAM N 1610 SLAUGHTER, SID 1625 SAWYERS, EDITH HODGES, BARBARA 1690 1851 HUNDLEY, WALTER R

1944

2088

2105

CASSADY, JAMES M

SMART, R

TATE, EDITH W

Target Street Cross Street Source
- Source EDR Digital Archive

## WINGFIELD ORCHARD RD 2000 (Cont'd)

| 2130 | DOWDY, JAMES R    |
|------|-------------------|
| 2159 | PERRY, JAMES W    |
| 2182 | KEFFER, M J       |
| 2199 | HARRIS, RICHARD M |
| 2325 | RAKES, SAM        |
| 2343 | JOYCE, CHARLIE    |
| 2459 | STONE, RANDY      |
| 2500 | PRICE, CLAYTON    |
| 2586 | BOYD, WALTER G    |
| 2630 | SHELTON, L O      |
| 2645 | WINGFIELD FARM    |
| 2765 | WINGFIELD, GORDON |
| 2867 | WINGFIELD JULIA   |
|      | WINGFIELD, HARVEY |
| 2868 | VIA, BUTCH        |
| 2951 | TURNER, LILLIE    |

# **Appendix V: Site Photographs**



1 - Front of the subject building.



2 - AST, presumable for the adjoining diesel fuel/kerosene pump.





3 - Septic tank, on western portion of the property.



4 - Pole mounted transformer near the property boundary.





5 - Adjoining, forested tracts to the west.



6 - Diesel fuel back up generator.



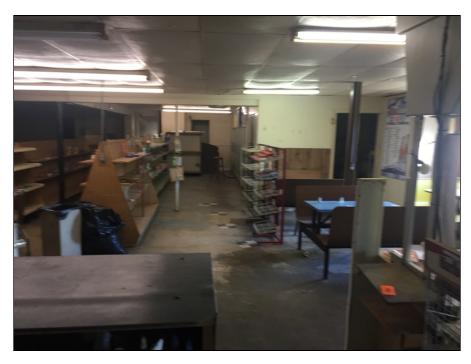


7 - ASTs for diesel fuel for the generator.



8 - Northern adjoining properties.





9 - Interior of the subject building.



10 - The USTs.





11 - Adjoining properties to the east.



# Appendix VI: Statement of Qualifications

## Alexandra Moon

## Environmental Project Manager

#### **EDUCATION**

Bachelor of Science, 2005, Geology, Radford University, Radford, VA

#### **REGISTRATIONS**

VA Asbestos Inspector VA Asbestos Project Designer VA Asbestos Project Monitor

#### **CERTIFICATIONS**

NRSB Radon Measurement Specialist 40-Hour HAZWOPER Mold Inspector Radiation Safety and Nuclear Gauge Operation

Ms. Moon is an Environmental Project Manager with ECS Mid-Atlantic, LLC in Roanoke, Virginia and responsibilities include conducting field reconnaissance, historical and regulatory research, interviews, and report preparation. She has conducted private, industrial and large portfolio Phase I and II Environmental Site Assessments, field drilling, soil and groundwater sampling, as well as asbestos, radon, mold, and lead surveys. She has planned and executed environmental assessments on sites ranging from undeveloped sites to large industrial facilities.

TRANSACTIONAL SERVICES - Ms. Moon has performed and managed numerous Phase I Environmental Site
Assessments to determine environmental liabilities for Real Property transfers. She has experience performing preliminary environmental site assessments to evaluate onsite and off-site concerns which may impact the site. Scope of work typically includes performance of an on-site and off-site reconnaissance, reviewing regulatory lists, obtaining and reviewing aerial photographs, topographic maps, wetlands inventory maps, Fire Insurance Maps, city directories and other published information. She is familiar with the new ASTM 1527-13 Standards.

PHASE II ENVIRONMENTAL SITE ASSESSMENTS - Ms. Moon has conducted field activities and/or managed phase II environmental site assessments including both soil

and groundwater investigations. Types of assessments include leaking underground storage tanks (USTs) and oil and hazardous material spills or releases. On-site activities include locating and drilling soil borings, collecting and screening soil samples, installing monitoring wells and collecting groundwater samples.

HAZARDOUS MATERIALS TESTING – Ms. Moon performs and manages comprehensive Hazardous Materials Surveys, which include asbestos, lead-based paint (LBP), polychlorinated biphenyls (PCBs), mercury, and other hazardous materials. She also conducts monitoring and clearance sampling for asbestos and lead abatement projects.

#### **SAMPLE PROJECT EXPERIENCE**

- Barkhouser Property Phase I ESA and Soil and Groundwater Assessment (Phase II), Danville, VA
- GCS Building Phase I ESA, Mt. Hope, WV
- FAA Airport Towers ACM Surveys, Roanoke and Lynchburg, VA, and Lewisburg, WV
- Former George Wythe Hotel Phase I ESA, Wytheville, VA
- Ryan Village Apartments Phase I ESA / Radon / NEPA / HUD Form 4128, Princeton, WV
- Dan River Research Facility Phase I ESA and Soil and Groundwater Assessment, Danville, VA
- Grey Rock Plaza Phase I ESA Marion, VA
- Virginia Tech Asbestos Abatement Monitoring Portfolio, Blacksburg, VA
- Habitat for Humanity Portfolio Environmental Transaction Screens, Roanoke, Virginia
- Bristol Redevelopment and Housing Authority, Bonham Circle – Phase I ESA / Asbestos / LBP, Bristol, VA
- Virginia Community Development Corporation,
   Woodrum Manor and Westview Apartments –
   Phase I ESA / Asbestos / Radon / LBP

# WILLIAM R. LEONARD ENVIRONMENTAL GROUP MANAGER, PRINCIPAL

#### **EDUCATION**

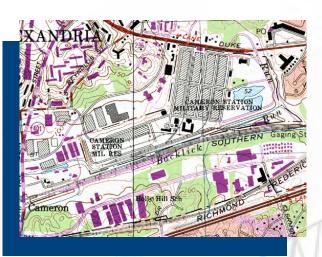
College of William and Mary, Williamsburg, Virginia Bachelor of Science – Geology

## REGISTRATIONS, CERTIFICATIONS AND AFFILIATIONS

Certified Professional Geologist, Virginia OSHA 40-hour Hazardous Waste Operations Training Certificate (HAZWOPER) Member, ASTM Committee E50 – Environmental Assessment

#### PROFESSIONAL ACTIVITIES

Coordination and Oversight of:
Phase I, II, and III Assessments
Soil & Groundwater Sample Collection
Underground Storage Tank Investigations
Contaminated Soil Excavation Monitoring
Risk Assessments
VRP and VCP Projects
Hazardous Materials Surveys
Wetland and Natural Resources Studies



**CAMERON STATION** 

#### **EXPERIENCE**

Environmental Group Manager Principal – ECS Mid-Atlantic, LLC

Mr. Leonard is a Certified Professional Geologist and Manager of the Environmental Department in the ECS Chantilly, Virginia Office. He has 31 years of construction site experience and 18 years of experience involving environmental assessments, investigations and remediation. Responsibilities beyond his department management duties include consultation on complex environmental projects and oversight of Voluntary Remediation Projects, Phase I and Phase II Environmental Site Assessments, Underground Storage Tank Removal, Closure, Monitoring, and Remediation, and Hazardous Materials and Indoor Air Quality Surveys.

#### Project Experience

#### • Cameron Station Military Reservation

Environmental Consultant for the Purchaser in the first successful private acquisition of a Military Base under the Base Realignment and Closure (BRAC) Program. Environmental concerns included leaking underground storage tanks, polychlorinated biphenyl (PCB) spills, dredge spoil areas, landfills, battery acid disposal pits, structural materials containing asbestos and lead-based paint, and groundwater contaminant plumes associated with disposal of chlorinated solvents.

Performed Phase I and Phase II Assessments, and operated as liaison between the prospective purchaser and the Army, the Virginia Department of Environmental Quality and the Environmental Protection Agency. Subsequently, the base was successfully redeveloped with single-family and multifamily housing, an elementary school and a City of Alexandria Park with athletic fields and a pond.

#### Disney America Site

Conducted Phase I and II Environmental Site Assessments, and seismic studies on a 2,700 acre tract of land in Prince William County, Virginia for The Walt Disney Corporation. The property was slated for development as their third theme park in the United States. It was to be named Disney America. Subsequent opposition from anti-development environmental and citizen groups caused Disney to abandon the project and sell the site. It was later developed as a large planned golf course community.



William R. Leonard - Environmental Group Manager/Principal

**Project Experience** 

#### Pharmaceutical Research and Manufacturing Firm

During a Phase I ESA in a Flex-Tech Park, identified the presence of a tenant that, unknown to the property owner, performed pharmaceutical research and manufacturing in their tenant space.

A reconnaissance of the space identified the presence of a laboratory storage area containing over 2,000 glass and metal chemical containers varying in size from one ounce to 55-gallons, many in various stages of deterioration, presenting significant fire, explosive and toxicological threats to workers within the Park. After removal of the containers, ECS performed a contamination survey that identified significant residual levels of metals and chemical compounds in building elements such as ceiling tiles, ventilation ducts and an acid neutralization pit that was integral to the sanitary sewer system.



CHEMICAL STORAGE AREA

## Potomac Yard

Performed Phase I and Phase II Environmental Site Assessments. Emergency Spill Response and oversight of Remediation activities performed on various Land Bays of the former Potomac Yard Rail Yard in Alexandria, Virginia.

The Potomac Yard site, as a whole, was owned and operated by the Richmond Fredericksburg and Potomac (RF&P) (in conjunction with other railroads) as a receiving and classification switchyard from 1906 to 1990. Numerous environmental investigations identified subsurface petroleum contamination in soils and ground water beneath the site and cinder ballast material (bottom ash from coal-burning locomotives) that was used as fill material beneath portions of the site. Portions of the site have been redeveloped with commercial, office and residential uses. Other areas are slated for redevelopment in the near future.



POTOMAC YARD



## **Environmental Consulting**



The environmental services group performs several types of environmental studies and assessments. ECS's experience with due diligence requirements and knowledge of federal, state, and local regulations helps clients manage environmental conditions encountered on project sites.

- Phase I Environmental Site Assessments (ESA)
- Phase II, Soil and Groundwater Exploration and Sampling Study
- Feasibility Studies and Remedial Design
- Risk Assessments
- Remedial Action Plans
- Corrective Action Plans
- Remediation Implementation and Oversight
- Voluntary Remediation Program/Brownfields
- UST/AST Consultation and Closure
- Environmental Assessments/Environmental Impact Statements
- Environmental and Safety Training
- Wetland Delineation and Permitting:
  - o Preliminary Identification
  - Jurisdictional Delineation
  - o Federal/State Permitting
  - Stream Mitigation Monitoring and Design (on- and off-site)
  - Mitigation Banking
- Industrial Hygiene Services
  - o Indoor Air Quality (IAQ)
  - o Mold
  - Asbestos and Lead-Based Paint
  - o Radon
  - o Hazardous Materials Studies For Building Renovation/Demolition
- Nutrient Management
- Forest Stand Delineations
- Third-Party Review



# **Appendix VII: Acronyms**

## **List of Common Acronyms**

| AULs     | Activity and Use Limitations                              |
|----------|---|
| AST      | Aboveground Storage Tank                                  |
| ASTM     | American Society for Testing and Materials                |
| ACM      | Asbestos Containing Materials                             |
| BER      | Business Environmental Risk                               |
| CORRACTS | CERCLA Corrective Action List                             |
| NPL      | CERCLA National Priorities List                           |
| NFRAP    | CERCLA No Further Remedial Action Planned                 |
| CERCLA   | Comprehnsive Environmental Response Cleanup Liability Act |
| CESQG    | Conditionally Exempt Small Quantity Generator             |
| CREC     | Controlled Recognized Environmental Condition             |
| ERNS     | Emergency Response Notification System                    |
| EC       | Engineering Controls                                      |
| HIST LF  | Historical Landfill                                       |
| HREC     | Historical Recognized Environmental Condition             |
| IC       | Institutional Controls                                    |
| LQG      | Large Quantity Generator                                  |
| LBP      | Lead Based Paint  |
| LTANKS   | Leaking Tanks   |
| LUST     | Leaking Underground Storage Tank                          |
| REC      | Recognized Environmental Condition                        |
| RCRA     | Resource Conservation and Recovery Act                    |
| RCRIS    | Resource Conservation and Recovery Information System     |
| SQG      | Small Quantity Generator                                  |
| SWF/LF   | Solid Waste Facility/Landfill                             |
| SHWS     | State Hazardous Waste Sites                               |
| UST      | Underground Storage Tank                                  |
| USGS     | United States Geological Survey                           |
|          |   |

