

PHASE I ENVIRONMENTAL SITE ASSESSMENT



PROPOSED BONSACK/460 FIRE STATION

3645 ORANGE AVENUE NE
ROANOKE, VIRGINIA 24012

ECS PROJECT NO. 47:14480

FOR: ROANOKE COUNTY

MAY 13, 2022





ECS Mid-Atlantic, LLC

"Setting the Standard for Service"

Geotechnical • Construction Materials • Environmental • Facilities

May 13, 2022

George Assaid, AIA
Roanoke County
1206 Kessler Mill Road
Salem, Virginia 24153

ECS Project No. 47: 14480

Reference: Phase I Environmental Site Assessment Report, Proposed Bonsack/460 Fire Station, 3645 Orange Avenue NE, Roanoke, Virginia 24012

Dear Mr. Assaid:

ECS 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's services were provided in general accordance with ECS Proposal No. 47:22006-P authorized on April 20, 2022 and generally meet the requirements of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which ECS believes to be in accordance with 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

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Project Summary

Proposed Bonsack/460 Fire Station
3645 Orange Avenue NE
Roanoke, Virginia 24012

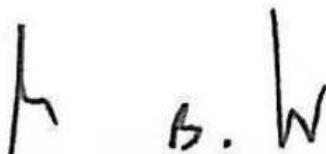
Report Section	No Further Action	REC	CREC	HREC	BER	Comment
4.0 User Provided Information	✓					
5.1 Federal ASTM Databases	✓					
5.2 State ASTM Databases	✓					
5.3 Additional Environmental Record Sources	✓					
6.0 Historical Use Information	✓					
7.0 Site and Area Reconnaissance	✓					
8.0 Additional Services	✓					
9.0 Interviews	✓					

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
Senior Project Manager
May 13, 2022



Garnett B. Williams, C.P.G.
Principal Geologist
May 13, 2022

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1.0 EXECUTIVE SUMMARY

ECS Mid-Atlantic, LLC (ECS) was contracted by Roanoke County to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Proposed Bonsack/460 Fire Station to be located at 3645 Orange Avenue NE in Roanoke, 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 a 2.25-acre portion of a larger 70.79 acre parent parcel identified by the City of Roanoke as parcel number 7110105 and owned by Parkway Wesleyan Church Inc.. The subject property is undeveloped grassland. Municipal water and sanitary sewer are available in the vicinity of the site.

The subject property is located in a commercial area of Roanoke, Virginia. The subject property is bound on the north by undeveloped grass and wooded land (parent parcel) with commercial developments beyond; on the east by undeveloped grassland (parent parcel); on the south by Mexico Way followed by undeveloped grasslands (parent parcel), utilized as soccer fields; and, on the west by Airgas. ECS did not identify environmental issues at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property has remained undeveloped for over 100 years. Historical records prior to 1890 were not reasonably ascertainable for the subject property. The surrounding area has generally remained undeveloped. The parent parcel is bordered by commercial business including several bank branches, Airgas, and fueling stations. No obvious indications of RECs were identified in the historical data review for the subject property.

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 did not 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, none of the listings are believed to represent a REC for the subject property.

ASTM E1527-21 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." A "*significant data gap*" is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." Significant data gaps that would be expected to impact our ability to render a professional opinion concerning RECs for 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 E1527-21 of the Proposed Bonsack/460 Fire Station to be located at 3645 Orange Avenue NE in Roanoke, Virginia, the subject property. Any 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, controlled recognized environmental conditions, or significant data gaps in connection with the property.

Table of Critical Dates

Item	Date
Report Issuance Date	May 13, 2022
Date of Interview with Past and Present Owners and Occupants	Not Completed
Date of Recorded Environmental Cleanup Lien Search	April 7, 2022
Date of Government Record Review Report	April 21, 2022
Date of Visual Inspection of Subject and Adjoining Properties	April 26, 2022
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	April 7, 2022
Report Viability Date	October 4, 2022

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 E1527-21 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 E1527-21 standard.

The reason for conducting this ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property for a pending real estate transaction.

2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-21, which ECS believes to be in accordance with 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 Roanoke County to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Proposed Bonsack/460 Fire Station to be located at 3645 Orange Avenue NE in Roanoke, Virginia. ECS was not contracted to address non-scope considerations.

2.3 Definitions

ASTM E1527-21 defines a "*recognized environmental condition (REC)*" as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." For the purposes of this definition,

"likely" is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

ASTM E1527-21 defines a "*historical recognized environmental condition (HREC)*" as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

ASTM E1527-21 defines a "*controlled recognized environmental condition (CREC)*" as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM E1527-21 defines a "*business environmental risk (BER)*" as "a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." This assessment does not include ASTM Non-Scope items or identify business environmental risks unless specifically requested by the Client, and included in [Section 8.0](#) of this report.

ASTM E1527-21 defines a "*de minimis condition*" as "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a *de minimis* condition is not a recognized environmental condition nor a controlled recognized environmental condition."

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 Roanoke County. 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. The use of this report is subject to the same terms, conditions and scope of work reflected in this report and the associated proposal.

2.5 Data Gaps

ASTM E1527-21 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." A "*significant data gap*" is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition."

Data failures (historical data gaps) were identified during the historical research of the subject property. Use of the subject property was generally documented back to 1890. Historical information was missing for various periods; however, due to 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 RECs for the subject property.

Significant data gaps that would be expected to impact our ability to render a professional opinion concerning RECs for the subject property were not identified.

2.6 Limiting Conditions/Deviations

ASTM E1527-21 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-21 standard, if any, including client-imposed constraints. Limiting conditions and/or deviations from the standard practice that would be expected to impact our ability to provide a professional opinion concerning RECs for 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	Proposed Bonsack/460 Fire Station
Property Address	3645 Orange Avenue NE
Property City, State	Roanoke, Virginia
Number of Parcels	Portion of a larger parent parcel
Property ID Number(s)	7110105
Property Size	2.25-acres of a larger 70.79 acre parcel
Property Owner of Record	Parkway Wesleyan Church Inc.
Property Legal Description	As provided on the City of Roanoke Property Report: TRACT A-1 SEC 1 RANCHO MEXICO BUSINESS PK

3.2 Physical Setting and Hydrogeology

USGS Topographic Map	
Quad Designation	Roanoke, Virginia
Date	2019
Subject Property Settings	
Average Subject Property Elevation (in feet or meters)	1,060-1,080 feet above mean sea level
General Sloping Direction	West
Bodies of Water	None
General Directions of Surface Flow	West-northwest
Presumed Direction of Groundwater Flow	West-northwest
Geologic Province	Valley and Ridge
Up-gradient Property Direction	Southeast

Nearby Properties' Setting	
General Sloping Direction	Northwest
Bodies of Water	Unnamed tributary to Glade Creek is located approximately 700 feet west of the subject site.
General Directions of Surface Flow	Curb and Gutter to below grade stormwater conveyances and sheet flow to the west.
Presumed Direction of Groundwater Flow	West

Regional influences such as changes in soil and geologic conditions, and local topography, 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 a 2.25-acre portion of a larger 70.79-acre parcel of land that is currently cleared undeveloped grassland. The subject property is located in an area that can generally be described as commercial in use.

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 E1527-21 User Questionnaire was submitted to and completed by George Assaid, AIA, representing Roanoke County (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 provided with a commitment for title insurance dated April 7, 2022 and a title search report for the site. Deeds were only searched back to 1991 for the subject property and parent parcel. No environmental concerns were identified in the title documents reviewed, copies of which are included in Appendix II.

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 and 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. The User, however, responded that they were not aware of any AULs associated with the subject property.

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 the fair market value.

4.6 Owner, Property Manager, and Occupant Information

The User indicated that the site is owned and managed by Parkway Wesleyan Church Inc..

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 Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site 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 non-CORRACTS TSD	0.5	No	0
Federal RCRA Generators	Subject Site and Adjoining Properties	No	0
Federal IC/EC	Subject Site Only	No	N/A
Federal ERNS	Subject Site Only	No	N/A
State and Tribal Hazardous Waste Sites (NPL Equivalent)	1.0	No	0
State and Tribal Hazardous Waste Sites (CERCLIS Equivalent)	0.5	No	0
State and Tribal Landfill and/or solid waste disposal sites	0.5	No	0

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
State and Tribal Leaking Tanks	0.5	No	2
State and Tribal Registered UST and AST	Subject Site and Adjoining Properties	No	0
State and Tribal IC/EC	Subject Site Only	No	N/A
State and Tribal Voluntary Cleanup (VCP)	0.5	No	0
State and Tribal 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 database search was performed by EDR and is dated April 21, 2022. 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

5.1.1 Federal RCRIS - Generators

RCRIS identifies facilities that generate hazardous wastes as defined by the RCRA. Very small quantity generators (VSQG) (previously identified as conditionally exempt small quantity generators or CESQGs) generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely hazardous waste, per month. Small quantity generators (SQGs) generate between 100 and 1,000 kilograms of hazardous waste per month. Large quantity generators (LQGs) generate more than 1,000 kilograms of hazardous waste or more than 1 kilogram of acutely hazardous waste per month.

The subject property is not listed on the RCRA database. No off-site properties within the minimum search distance of inquiry (adjoining properties) are reported by EDR as being on the Federal RCRIS Generators database. One off-site property within 0.25 miles of the subject property is reported as being on the Federal RCRIS Generators database. Additionally, one off-site property within 0.25 miles of the subject property is reported as being on the RCRA Non-Generator (Non-Gen)/No Longer Regulated (NLR) database, which lists facilities that do not currently generate hazardous wastes but were previously tracked as generators. These off-site listings are plotted more than 700 feet from the subject property and are situated in a presumed down-gradient hydrological position relative to

the subject site. Based on the distance and/or relative topographic position, these listings are not considered to be in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2 State ASTM Databases

5.2.1 State Leaking Tanks (LTANKS)

The LTANKS database is a list of all reported leaking underground and above ground tanks recorded by the state.

The subject property is not listed on the LTANKS database. The database report lists two properties within the designated search radius. These off-site listings are mapped more than 700 feet from the subject property and in a presumed down-gradient hydrological position. Based on the distance and/or relative topographic position, these incidents are not considered 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 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 above ground storage tanks, surface spills, and other sources. The LUST listings are discussed in the LTANKS section above.

5.2.3 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 is not listed on the UST database. The database report did not identify any UST facilities within the ASTM-designated search radius (subject and adjoining). The database report did identify three UST facilities within 0.25 mile of the subject property. These off-site listings are mapped more than 700 feet from the subject property in a presumed down-gradient hydrologic position. Based on the distance and/or relative topographic position, these off-site listings are not considered to be a REC for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

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 are 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 are identified on the additional non-ASTM state databases researched for this assessment.

5.3.3 Unmapped (Orphan) Facilities and Sites

One property is identified on the Orphan Summary List. These facilities are considered unmappable because the facility information in the database is insufficient and/or does not report accurate facility location. This facility was determined to be located at least 2 miles from the site and is, therefore, not considered to be a REC to the subject site.

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 did not 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. Therefore, ECS does not consider the listed sites to be RECs for the subject property.

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 are dated 1947, 1956, 1960, 1968, 1982, 1995, 2006, 2009, 2012, and 2016. Aerial photographs dated prior to 1947 were not available for review from EDR. 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? (yes or no)
1947 - 1956	Due to the quality of the images, specific details are unable to be discerned. However, the property appears to be undeveloped agricultural land.	Due to the quality of the images, specific details are unable to be discerned. However, the area appears to be undeveloped agricultural land with structures to the north. A roadway is present west of the subject property.	No
1960 - 1977	A road transects the property from the north and splits into two roads to the east and south. Sparse wooded land is present in the center of the property along the road. The rest of the property is undeveloped.	The surrounding areas consist of undeveloped land with the exception of scattered residences north of the subject property. A majority of the adjoining property to the west is wooded land.	No
1982	The subject property continues to appear undeveloped. The aforementioned roads are not quite as discernible anymore.	A driveway borders the property to the north followed by scattered residential-type structures. The rest of the surrounding areas consist of predominantly undeveloped land.	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1995	The subject property appears similar to the previous imagery, with the exception of an unpaved road that transects the property from the southwest to the northeast.	North - Driveway followed by undeveloped land East - Undeveloped land South - A mixture of fields and wooded land. The southwest edge of the property is bound by a road that runs south of the subject property. West - Commercial structures	No
2006-2016	The subject property continues to be an undeveloped tract. The aforementioned road onsite is no longer discernible.	North - Driveway followed by undeveloped land East - Undeveloped land South - A road followed by fields West - Commercial structures	No

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 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 that may indicate potential environmental issues. The topographic maps were obtained from EDR and were dated 1890, 1891, 1929, 1933, 1962, 1963, 1968, 1977, 1978, 1984, 2013, 2016, and 2019. Topographic maps dated prior to 1890 were not available for review from EDR

The following is a description of relevant information from the topographic maps:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1890-1933	The subject property is depicted as undeveloped land.	The surrounding areas are depicted as undeveloped land with a highway depicted farther west of the subject property.	No
1962-1984	Similar to previous topographic maps with the addition of an "unimproved" road that transects the subject property from north to south beginning in 1962.	North - Scattered structures East - Undeveloped land. South - Undeveloped land followed by a patch of wooded land. West - Undeveloped land followed by an unimproved road and a highway beyond.	No
2013-2019	In general, these topographic maps do not depict structures, only roads, topography and landmarks. The aforementioned road that transects the subject property is no longer depicted.	In general, structures are not depicted on these maps, only roads, topography and landmarks. The site is bound to the north, east, and south by roads. A road is depicted along the southern property boundary on the 2019 topographic map.	No

6.4 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 subject property address utilized for the research was the parent parcel's address of 3645 Orange Avenue NE. The directories reviewed are dated 1984, 1989, 1992, 1995, 2000, 2005, 2010, 2014, and 2017. Directories dated prior to 1984 were not available for review from EDR. A copy of the City Directory report is included in Appendix IV. The parent parcel is first listed in the 1992 directory and again in the 1995 directory as a communication consultant and as Mexitronics, an electronics distribution company. By 2000, Parkway Church is identified at the site including as a Parkway food bank. Surrounding properties are listed as Airgas, various bank branches, restaurants, and residential listings. No environmental corners were identified on the City Directories reviewed.

6.5 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 Roanoke City tax assessor online information, the subject property is owned by Parkway Wesleyan Church Inc.. The subject property is a 2.25-acre portion of a larger 70.79-acre parent parcel with an identification number of 7110105.

6.6 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 provided with a commitment for title insurance dated April 7, 2022 and a title search report for the site. Deeds were only searched back to 1991 for the subject property and parent parcel. No environmental concerns were identified in the title documents reviewed, copies of which are included in Appendix II.

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 obtained a list of building permits from EDR via the Lightbox™ application. No building permits were identified for the subject property or the parent parcel. The reviewed building permits for nearby properties did not indicate the presence of a REC for the subject property.

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 the City of Roanoke. The subject property is currently zoned INPUD: Institutional Planed Unit Development.

6.9 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.

6.10 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.

6.10.1 Local Fire Department

The Roanoke City Fire Department was contacted to determine if they had historical information regarding environmental issues or responses at the subject property. 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.

6.10.2 Local Health Department

The Roanoke City Health Department was contacted to determine if they had historical information regarding environmental issues or responses at the subject property, including records of well or septic systems. 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.

6.11 Historical Use Summary

According to historical research, the subject property has remained undeveloped for over 100 years and is currently maintained grassland and a part of a larger parent parcel owned by a church. The immediate surrounding area has generally remained undeveloped with the exception of Airgas to the west with additional commercial and retail developments beyond. The parent parcel is bordered by commercial use including several bank branches, Airgas, and fueling stations. No obvious indications of RECs were identified in the historical data review for the subject property.

7.0 SITE AND AREA RECONNAISSANCE

7.1 Methodology

Jessica Blankenship and Alexandra Moon of ECS conducted the field reconnaissance on April 26, 2022. The weather at the time of the reconnaissance was 72 degrees Fahrenheit and partly cloudy. Observations were made from a walking reconnaissance around the perimeter 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

7.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The site gently slopes from the east to the west. A rock lined drainage ditch is located on the northern portion of the site. The remainder of the site is undeveloped grassland. No other remarkable geologic or hydrologic conditions were observed on the premises.

7.2.2 Current Uses

The subject property is approximately 2.25-acres in size and consists of undeveloped land. Water and sewer services are available in the vicinity of the subject property through the Western Virginia Water Authority. No structures, ruins or foundations were observed on the subject property. The subject property gently slopes from east to west. No other environmentally-remarkable features, conditions or activities were observed onsite.

7.2.3 Past Site Uses

During the site reconnaissance, ECS observed the subject property for evidence of past occupancy or usage that could indicate the presence of environmental concerns. Based on current site conditions observed during the site reconnaissance, ECS did not identify evidence of past uses or occupancy that would indicate the presence of a REC for the subject property.

The table below lists pertinent features of interest that were assessed for the subject property. Pertinent features of environmental concern were not observed during the site reconnaissance.

Feature	Yes	No
Hazardous Substances and Petroleum Products in Connection with Identified Uses		✓
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✓
Drums, Totes, and Intermediate Bulk Containers		✓
Unidentified Substance Containers		✓
Underground or Aboveground Storage Tanks		✓

Feature	Yes	No
Strong, Pungent or Noxious Odors	✓	
Standing Surface Water and Pools or Sumps Containing Liquids	✓	
Likely to be Hazardous Substances or Petroleum Products	✓	
Known or Suspect PCB-containing Equipment	✓	
Stains or Corrosion to Floors, Walls or Ceilings	✓	
Stained Soil or Pavement	✓	
Floor Drains and Sump Pumps	✓	
Pits, Ponds or Lagoons	✓	
Stressed Vegetation	✓	
Solid Waste Mounds or Non-natural Fill Materials	✓	
Water/Wastewater Discharge	✓	
Groundwater Wells	✓	
Septic Systems or Cesspools	✓	
Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)	✓	
Dry Cleaning	✓	
Specialized Industrial Equipment	✓	
Onsite Emergency Electrical Generators	✓	
Oil-water Separators	✓	

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 commercial area of the City of Roanoke, Virginia. The following is a summary of nearby and adjoining properties:

Direction	Description	Relative Gradient	REC
North	The subject property is bound to the north by undeveloped land followed by commercial structures.	Cross-gradient	No
East	The subject property is bound to the east by undeveloped land with the Parkway Church beyond.	Up-gradient	No

Direction	Description	Relative Gradient	REC
South	The subject property is bound to the south by a road, Mexico Way and followed by undeveloped land utilized as soccer fields.	Cross-gradient	No
West	The subject property is bound to the west by an Airgas store.	Down-gradient	No

7.4 Site and Area Reconnaissance Summary

According to our site observations and a review of adjoining and nearby properties, the subject property is undeveloped, grassland. The subject property is located in a commercial and retail area of the City of Roanoke. Details pertaining to our on-site and off-site observations are referenced previously. We did not identify RECs associated with the subject property or neighboring properties and businesses during the reconnaissance.

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

ECS was not provided with an owner contact with whom to perform an interview. The absence of an owner interview is considered to be a data gap for the Phase I ESA process; however, based on the historically undeveloped state of the property and information gained from other sources, the absence of an owner interview was not considered likely to affect our ability to render a professional opinion of the property's environmental quality.

ECS interviewed local government officials and agencies via written Freedom of Information Act requests. Information gained from such sources is included in [Section 6.10](#).

10.0 FINDINGS AND CONCLUSIONS

10.1 Findings and Opinions

The subject property is a 2.25-acre portion of a larger 70.79 acre parent parcel identified by the City of Roanoke as parcel number 7110105 and owned by Parkway Wesleyan Church Inc.. The subject property is undeveloped grassland. Municipal water and sanitary sewer are available in the vicinity of the site.

The subject property is located in a commercial area of Roanoke, Virginia. The subject property is bound on the north by undeveloped grass and wooded land (parent parcel) with commercial developments beyond; on the east by undeveloped grassland (parent parcel); on the south by Mexico Way followed by undeveloped grasslands (parent parcel), utilized as soccer fields; and, on the west by Airgas. ECS did not identify environmental issues at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property has remained undeveloped for over 100 years. Historical records prior to 1890 were not reasonably ascertainable for the subject property. The surrounding area has generally remained undeveloped. The parent parcel is bordered by commercial business including several bank branches, Airgas, and fueling stations. No obvious indications of RECs were identified in the historical data review for the subject property.

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 did not 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, none of the listings are believed to represent a REC for the subject property.

10.2 Significant Data Gaps

Significant data gaps that would be expected to impact our ability to render a professional opinion concerning RECs for the subject property were not identified.

10.3 De Minimis Conditions

ECS did not identify *de minimis* conditions associated with the subject property during this assessment.

10.4 Conclusions

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Proposed Bonsack/460 Fire Station to be located at 3645 Orange Avenue NE in Roanoke, Virginia, the subject property. Any 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, controlled recognized environmental conditions, or significant data gaps in connection with the property.

11.0 REFERENCES

ASTM E1527-21. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

Environmental Data Resources, Inc., The EDR Aerial Photo Decade Package (years 1947, 1956, 1960, 1968, 1982, 1995, 2006, 2009, 2012, and 2016), dated April 25, 2022.

Environmental Data Resources, Inc., The EDR Radius Map Report, dated April 21, 2022.

Environmental Data Resources, Inc., Certified Sanborn Map Report (No Coverage), dated April 21, 2022.

City of Roanoke GIS website, last accessed on May 6, 2022.

Environmental Data Resources, Inc., EDR City Directory Image Report (years 1984, 1989, 1992, 1995, 2000, 2005, 2010, 2014, and 2017), dated April 25, 2022.

Environmental Data Resources, Inc., Historical Topo Map Report (years 1890, 1891, 1929, 1933, 1962, 1963, 1968, 1977, 1978, 1984, 2013, 2016, and 2019), dated April 21, 2022.

Appendix I: Figures



Figure 1
Site Location Map
Proposed Bonsack/460 Fire Station
3645 Orange Avenue NE
Roanoke, Virginia 24012





Figure 2

USGS Topographic Map
Proposed Bonsack/460 Fire Station
3645 Orange Avenue NE
Roanoke, Virginia 24012





Figure 3
Site Plan
Proposed Bonsack/460 Fire Station
3645 Orange Avenue NE
Roanoke, Virginia 24012



Appendix II: Interviews, Correspondence and User Questionnaire



ENVIRONMENTAL QUESTIONNAIRE

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: Parkway Wesleyan Church - Bonsack/460 Fire Station

Name and Title of Person Completing Questionnaire (Please Print):

George Assaid

Signature of Person Completing Questionnaire:

Date: 4/21/2022

Name of Your Company and Your Contact Number (Please Print):

County of Roanoke, 540-777-6348

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: Part of the due diligence phase prior to purchasing the property.

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: NO YES

Will you provide a 50-year chain of title abstract to ECS?

Please select one: NO 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

ENVIRONMENTAL QUESTIONNAIRE

(1b.) Activity and 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 and 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?

Please select one:

NO

YES

If yes, please explain: _____

(2.) Specialized knowledge - 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?

Please select one:

NO

YES

If yes, please explain: _____

(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:

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

Please select one:

NO

YES

If yes, please state uses: _____

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

Please select one:

NO

YES

If yes, please explain: _____

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

Please select one:

NO

YES

If yes, please explain: _____

ENVIRONMENTAL QUESTIONNAIRE

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

Please select one:

NO

YES

If yes, please explain: _____

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please select one:

NO

YES

If no, please explain: _____

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one:

NO

YES

If yes, please explain: _____

(5.) Parcel Property Owner(s) & Contact Number(s):

A. Parkway Wesleyan Church _____

B. _____

C. _____

D. _____

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: Lincoln Miller, Creative Tech Pastor, 540.685.5869

Occupant/Tenant: _____

Occupant/Tenant: _____

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Please select one:

NO

YES

If yes, please explain: _____

ALTA COMMITMENT FOR TITLE INSURANCE

Issued By:



Commitment Number:

ROA22111

NOTICE

IMPORTANT - READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACONTRACTUAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and the Commitment Conditions, Fidelity National Title Insurance Company, a Florida corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Policy Amount and the name of the Proposed Insured.

If all of the Schedule B, Part I-Requirements have not been met within one hundred eighty (180) days after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

Fidelity National Title Insurance Company

By:

A handwritten signature in black ink, appearing to read "Michael J. Nolan".

Michael J. Nolan, President

Attest:

A handwritten signature in black ink, appearing to read "Marjorie Nemzura".

Marjorie Nemzura, Secretary

Countersigned By:

A handwritten signature in black ink, appearing to read "Pamela L Easter".

Authorized Officer or Agent
Pam Easter

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Transaction Identification Data for reference only:

ISSUING OFFICE:	FOR SETTLEMENT INQUIRIES, CONTACT:
Title Officer: Pam Easter Fidelity National Title Insurance Company 310 First Street, Suite 1210 Roanoke, VA 24011 Phone: 540-982-2121 Email: Pam.Easter@fnf.com	

Order Number: ROA22111**Project Name:****Prepared For:** Roanoke County Board of Supervisors**SCHEDULE A**

1. Commitment Date: April 7, 2022 at 08:00 AM
2. Policy to be issued:
 - (a) ALTA Owner's Policy 2006 w-VA Mod

Proposed Insured: Roanoke County Board of Supervisors
 Proposed Policy Amount: \$540,000.00
3. The estate or interest in the Land described or referred to in this Commitment is:
 Fee Simple
4. The Title is, at the Commitment Date, vested in:
 Parkway Wesleyan Church, Inc.
5. The Land is described as follows:
 SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

END OF SCHEDULE A

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EXHIBIT "A"
Legal Description

TENTATIVE LEGAL DESCRIPTION:

All that certain tract or parcel of land, lying and being in the City of Roanoke, Commonwealth of Virginia, and more particularly described as follows, to-wit:

All that certain parcel, containing 2.25 acres, more or less, as further shown and described on plat of subdivision entitled "Bonsack Fire Station.....", dated _____, prepared by _____, L.S. of Balzer & Associates, recorded in the Clerk's Office of the Circuit Court of the City of Roanoke, Virginia as Instrument No. _____.

BEING a portion of that property conveyed to Parkway Wesleyan church, Inc., a Virginia corporation, from The Carpenter's Foundation, a Virginia non-stock, non-member corporation, by Deed dated December 19, 2003 and recorded in the Clerk's Office of the Circuit Court of Roanoke City, Virginia as [Instrument No. 040000415](#).

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**SCHEDULE B, PART I
REQUIREMENTS**

All of the following Requirements must be met:

1. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.
2. Pay the agreed amount for the estate or interest to be insured.
3. Pay the premiums, fees, and charges for the Policy to the Company.
4. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.
5. The exact nature and structure of the transaction to be insured hereunder must be disclosed to the Company. This Commitment is subject to additional requirements and/or exceptions as the Company deems appropriate following such disclosure.
6. Instruments creating the estate or interest to be insured must be approved, executed and filed for record to wit:
 - a. Deed from Parkway Wesleyan Church, Inc. vesting fee simple title in Roanoke County Board of Supervisors.
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. Pay and release of record of the property set forth under Schedule A hereof from the following item(s):
 - a. Deed of Trust from Parkway Wesleyan Church, Inc., a Virginia non-stock corporation to Maryellen F. Goodlatte and Robert E. Glenn, Trustees, dated January 28, 2004, recorded as [Instrument No. 040001599](#) to secure Wesleyan Investment Foundation, Inc. in the principal sum of \$6,000,000.00.
9. With regard to Parkway Wesleyan Church, Inc., a Virginia corporation (the "Corporation"), the following is required:
 - A. copy of the Corporate Charter or Articles of Incorporation;
 - B. a Certificate of Incorporation and By-Laws of the corporation, and any and all amendments thereto;
 - C. a Certificate of Good Standing issued by the Secretary of State for the State of Virginia;
 - D. foreign corporations only: Certificate of Authority from the Commonwealth of Virginia evidencing that the Corporation is authorized to do business in the Commonwealth of Virginia; and
 - E. a duly certified copy of the resolution of the Board of Directors authorizing the sale of the real property referred to herein, and directing named officers of the Corporation to execute and deliver a deed conveying title thereto.
 - F. Receipt and review of appropriate resolutions and/or signing authorities for those entities/persons signing the Deed(s) and/or Power(s) of Attorney, as applicable.

Note: This Commitment is subject to such additional exceptions as may appear upon review of said documentation.
10. Description appearing under Exhibit A hereof is tentative and subject to change and modification. Upon receipt of satisfactory acceptable description, this commitment shall be amended or otherwise modified.

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SCHEDULE B, PART I
REQUIREMENTS
(continued)

11. Plat of subdivision referenced under Schedule A must be approved by the County subdivision agent and recorded with required instrument(s) and this company must be furnished with the recording information for same.
12. If survey coverage is required, the Company will require an ALTA/NSPS LAND TITLE SURVEY. If the owner of the Land that is the subject of this transaction is in possession of a current ALTA/NSPS LAND TITLE SURVEY, the Company will require that said survey be submitted for review and approval; otherwise, a new survey, satisfactory to the Company, must be prepared by a licensed land surveyor and supplied to the Company prior to the close of escrow.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

13. The Proposed Policy Amount(s) must be increased to the full value of the estate or interest being insured, and any addition premium must be paid at that time. An Owner's policy should reflect the purchase price or full value of the Land.
14. Payment of all outstanding water, sewer, and public utility charges to date of settlement.
15. Payment of all taxes, charges, and assessments, levied and assessed against the subject premises, which are due and payable.
16. Certification from settlement agent that they have made independent verification through the PACER system that the seller and/or borrowers are not in bankruptcy.
17. Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.

END OF SCHEDULE B, PART I

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SCHEDULE B, PART II EXCEPTIONS

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

GENERAL EXCEPTIONS

1. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the Effective Date hereof but prior to the date the Proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by 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 lien, 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. Rights or claims of parties in possession not shown by the public records .

SPECIAL EXCEPTIONS

6. Those taxes and special assessments which become due and payable subsequent to Date of Policy.
7. 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.
8. Easement granted to Southern Bell Telephone and Telegraph Company of Virginia by instrument dated August 10, 1911, recorded in [Deed Book 57, Page 374](#). (Roanoke Co.)
9. Easement granted to The Chesapeake and Potomac Telephone Company of Virginia by instrument dated July 29, 1914, recorded in [Deed Book 74, Page 138](#). (Roanoke Co.)
10. Easement granted to The Chesapeake and Potomac Telephone Company of Virginia by instrument dated May 17, 1927, recorded in [Deed Book 164, Page 124](#). (Roanoke Co.)
11. Easement granted to Appalachian Electric Power Company by instrument dated October 20, 1931, recorded in [Deed Book 207, Page 556](#). (Roanoke Co.)
12. Easement granted to Appalachian Electric Power Company by instrument dated August 14, 1939 recorded in [Deed Book 272, page 269](#). (Roanoke Co.)

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by Fidelity National Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

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SCHEDULE B, PART II
EXCEPTIONS
(continued)

13. Easement granted to Appalachian Power Company by instrument dated August 7, 1990, recorded in [Deed Book 1457, Page 1759](#).
14. Easement granted to Appalachian Power Company by instrument dated January 14, 1987, recorded in [Deed Book 1559, Page 392](#).
15. Drainage easement conveyed to David H. Luther, Edwin H. Luther and Frances B. Luther by instrument dated July 10, 1991, recorded in [Deed Book 1643, Page 1329](#).
16. Terms and conditions contained in Maintenance Agreement dated February 11, 2004, recorded as [Instrument no. 040004107](#).
17. The following matters shown on plat recorded in [Map Book 1, Page 1588](#):
a) Paved driveway and gravel driveway leading from Rte. 460 and Mexico Way, N. E. , respectively, to adjoining property;
b) Easement fifteen feet in width for public utilities located along the cul-de-sac at the terminus of Mexico Way, N. E. ;
c) Failure of the fences to not coincide with the property lines;
d) Satellite dish which appears to be appurtenant located on adjoining property;
e) Drainage easement located in the southwesterly corner of property under examination;
f) 15 foot road right-of-way to cemetery located at the westerly corner of property.

END OF SCHEDULE B, PART II

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COMMITMENT CONDITIONS

1. DEFINITIONS

- (a) "Knowledge" or "Known": Actual or imputed knowledge, but not constructive notice imparted by the Public Records.
- (b) "Land": The land described in Schedule A and affixed improvements that by law constitute real property. The term "Land" does not include any property beyond the lines of the area described in Schedule A, nor any right, title, interest, estate, or easement in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but this does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
- (c) "Mortgage": A mortgage, deed of trust, or other security instrument, including one evidenced by electronic means authorized by law.
- (d) "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
- (e) "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
- (f) "Proposed Policy Amount": Each dollar amount specified in Schedule A as the Proposed Policy Amount of each Policy to be issued pursuant to this Commitment.
- (g) "Public Records": Records established under state statutes at the Commitment Date for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without Knowledge.
- (h) "Title": The estate or interest described in Schedule A.

2. If all of the Schedule B, Part I-Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.

3. The Company's liability and obligation is limited by and this Commitment is not valid without:

- (a) the Notice;
- (b) the Commitment to Issue Policy;
- (c) the Commitment Conditions;
- (d) Schedule A;
- (e) Schedule B, Part I-Requirements;
- (f) Schedule B, Part II-Exceptions; and
- (g) a counter-signature by the Company or its issuing agent that may be in electronic form.

4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company shall not be liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

- (a) The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
 - (i) comply with the Schedule B, Part I-Requirements;
 - (ii) eliminate, with the Company's written consent, any Schedule B, Part II-Exceptions; or
 - (iii) acquire the Title or create the Mortgage covered by this Commitment.
- (b) The Company shall not be liable under Commitment Condition 5(a) if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
- (c) The Company will only have liability under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
- (d) The Company's liability shall not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Conditions 5(a)(i) through 5(a)(iii) or the Proposed Policy Amount.
- (e) The Company shall not be liable for the content of the Transaction Identification Data, if any.
- (f) In no event shall the Company be obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I-Requirements have been met to the satisfaction of the Company.
- (g) In any event, the Company's liability is limited by the terms and provisions of the Policy.

6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT

- (a) Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
- (b) Any claim must be based in contract and must be restricted solely to the terms and provisions of this Commitment.

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(continued)

- (c) Until the Policy is issued, this Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
- (d) The deletion or modification of any Schedule B, Part II-Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
- (e) Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
- (f) When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT HAS BEEN ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for the purpose of providing closing or settlement services.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

END OF CONDITIONS

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by Fidelity National Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

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FIDELITY NATIONAL TITLE GROUP, INC.

Chicago Title, Commonwealth Land Title and Fidelity National Title Insurance Companies
Virginia Production Division

TITLE SEARCH REPORT

This Title Search Report is issued for the use of the agent to whom it is addressed. This Report is to be used only by the agent to determine the insurability of title to the property described herein in conjunction with issuance of commitments, policies and endorsements by the above named title insurers ("the Company"). The agent reviewing this Title Search Report must follow all underwriting guidelines set forth in the underwriting Manual and Bulletins issued by the Company. This is a report of matters appearing in the official land records of the county or city wherein the property is located. No search has been made for any matters recorded in the Federal District Courts. Not included in this Report are matters, such as mortgages, judgments and other liens, for which the Company has found recorded satisfactions or releases, and possible other matters which, according to custom and practice, would not appear in a title search. The amount shown in this Report for any deeds of trust, judgments and/or taxes is for informational purposes only. The recipient is responsible for confirming amounts for payoff and/or proration purposes. Use of this Title Search Report for any reason other than the issuance of a Company commitment, policy or endorsement is not authorized. The liability under this Title Search Report is limited to the liability under the policy or policies issued pursuant to this Title Search Report. This Title Search Report is not an opinion, warranty or guarantee of title. The liability under this Title Search Report shall cease and terminate six months after the ending date set forth in the Period of the Search, unless extended in writing by the Company

CASE NO: ROA22111

CUSTOMER: Roanoke County

RECIPIENT: County of Roanoke
CASE NO: ROA22111

TITLE TO THE BELOW DESCRIBED PROPERTY IS VESTED OF RECORD IN:

Parkway Wesleyan Church, Inc., a Virginia corporation

UNDER THE FOLLOWING DEED:

GRANTOR(S): The Carpenter's Foundation, a Virginia non-stock corporation
DATED: 12/19/03 **DEED BOOK & PG./INST. NO:** 040000415

The property lies in the City of Roanoke, Virginia. Recordation references are to the Clerk's Office of the Circuit Court thereof unless otherwise stated.

LEGAL DESCRIPTION:

2.25 acres, being a portion of property acquired by above-referenced deed. Customer to provide new survey.

DEEDS OF TRUST:

GRANTORS: Parkway Wesleyan Church, Inc., A Virginia non-stock corporation
TRUSTEES: Maryellen F. Goodlatte and Robert E. Glenn
DATED: 1/28/2004 **DEED BOOK & PG./INST. NO:** 040001599
AMOUNT: \$6,000,000.00
NAMED BENEFICIARY: Wesleyan Investment Foundation, Inc.
ASSIGNMENTS, ETC.: None of record.

JUDGMENTS: None

JUDGMENTS AGAINST PURCHASER: None

FINANCING STATEMENTS: None

TAX INFORMATION:

DELINQUENT TAXES: None
TAXES PAID THROUGH: 2nd half 2021/2022 FY (6/30/2022)
TAXES A LIEN, BUT NOT YET DUE: 1st half 2022/23 FY due 10/5/2022
ASSESSMENT: Land Only - \$1,516,900
Annual Amount: \$5,540.40
TOWN TAXES: None.
EXEMPTION, ROLLBACK, ETC.: Stormwater fees included with above annual amount
TAX MAP NO. 7110105
Address: Orange Avenue NE

PROPERTY ADDRESS (not warranted): Orange Avenue, Roanoke, VA

RESTRICTIONS: None

DEEDED EASEMENTS:

FROM: G. G. Gish
TO: Southern Bell Telephone and Telegraph Company of Virginia
DATED: 8/10/11 **DEED BOOK & PG./INST. NO:** 57-374

FROM: Nannie Gish
TO: The Chesapeake and Potomac Telephone Company of Virginia
DATED: 7/29/14 **DEED BOOK & PG./INST. NO:** 74-138

FROM: Mrs. G. G. Gish
TO: The Chesapeake and Potomac Telephone Company of Virginia
DATED: 5/17/27 **DEED BOOK & PG./INST. NO:** 164-124

FROM: J. E. Gish and Nancy J. Gish
TO: Appalachian Electric Power Company
DATED: 10/20/31 **DEED BOOK & PG./INST. NO:** 207-556

FROM: Geo. G. Gish and Evelyn L. Gish
TO: Appalachian Electric Power Company
DATED: 8/14/39 **DEED BOOK & PG./INST. NO:** 272-269

FROM: Joel Ewen
TO: Appalachian Power Company
DATED: 8/7/90 **DEED BOOK & PG./INST. NO:** 1457-1759

FROM: Joel Ewen and Petra B. Ewen
TO: Appalachian Power Company
DATED: 1/14/87 **DEED BOOK & PG./INST. NO:** 1559-392

FROM: Petra B. Ewen, Executrix of Estate of Joel J. Ewen
TO: David H. Luther, Edwin H. Luther, Frances B. Luther
DATED: 7/10/91 **DEED BOOK & PG./INST. NO:** 1643-1329

EASEMENTS SHOWN ON RECORDED PLAT OF SUBDIVISION: Map Book 1-1588

- a) Paved driveway and gravel driveway leading from Rte. 460 and Mexico Way, N. E. , respectively, to adjoining property.
- b) Easement fifteen feet in width for public utilities located along the cul-de-sac at the terminus of Mexico Way, N. E.
- c) Several fences which do not coincide with the property lines.
- d) Satellite dish which appears to be appurtenant located on adjoining property.
- e) Drainage easement located in the southwest corner of property.
- f) 15' road right of way to cemetery located at westerly corner of property.

SHOWN ON OTHER PLATS OF RECORD: Map Book 1, 2872 shows a resubdivision of property into Tract A-1 (70.785 acres), Lot A-1 (1.131 acres) and Lot B-1 (1.158 acre.) It appears from Exhibit A of Purchase Contract showing "Proposed Fire Station Parcel" and "Additional Parcel", that property to be insured in not within the resubdivision area shown on this plat.

BUILDING RESTRICTION LINE SHOWN ON SUBDIVISION PLAT: None

ACCESS TO PUBLIC ROAD: Yes

ROAD MAINTENANCE AGREEMENT: None of record

OTHER MATTERS:

Rights of others in and to the use of the 15 foot road right of way leading to cemetery crossing the extreme westerly corner of the property as shown on plat of survey made by John T. Parker, L.S., dated October 4, 1996, recorded in Map Book 1-1588.

Maintenance Agreement dated 2/11/2004, between Parkway Wesleyan Church, Inc. and City of Roanoke, Virginia, of record as Instrument No. 040004107.

Please note that Deed recorded as Instrument No. 040000415 which conveys the property under examination into current owner states that approval for this acquisition was attached to the deed, however, it was not.

RELIED ON: ro00002362A

EFFECTIVE DATE: April 7, 2022 at 8:00 a.m.

Fidelity National Title Insurance Company



Debbie D. Davidson

SELECTED SEARCH CRITERIA

Jurisdiction: 770 - Roanoke City Circuit Court 04/11/2022 05:28AM

	From Date	To Date
Available: Deeds and Land Records	9/3/1991	4/7/2022

Detail Search

Search:

PARKWAY WESLEYAN CHURCH INC
PARKWAY WESLEYAN CHURCH

LR 070007452 Type: RML 5/14/2007 Pages: 2

Description: INST 060017137

File: 1 Change: 0

Name Type: Grantor

Reverse Party: PARKWAY WESLEYAN
CHURCH INC

Book: Page:

Pin or Map: 7110121

LR 070007452 Type: RML 5/14/2007 Pages: 2

Description: INST 060017137

File: 1 Change: 0

Name Type: Grantee

Reverse Party: BANKER STEEL COMPANY
LLC

Book: Page:

Pin or Map: 7110121

LR 070001184 Type: RML 1/24/2007 Pages: 2

Description: INST 060011670

File: 1 Change: 0

Name Type: Grantee

Reverse Party: PARKWAY WESLEYAN
CHURCH INC

Book: Page:

Pin or Map: 7110121

LR 070001184 Type: RML 1/24/2007 Pages: 2

Description: INST 060011670

File: 1 Change: 0

Name Type: Grantor

Reverse Party: PARKWAY WESLEYAN
CHURCH INC

Book: Page:

Pin or Map: 7110121

J-
F/S-
J-

LR 060017137 Type: LM 10/16/2006 Pages: 3

Description: 11.588 ACRES

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **BANKER STEEL COMPANY**

LLC

Book: Page:

Pin or Map: 7110121

Neasele
Bunker Steel
Co.
60, 184.56
7118106

LR 060011670 Type: LM 7/20/2006 Pages: 3

Description: 11.588 ACRES

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **KODIAK CONSTRUCTORS**

INC

Book: Page:

Pin or Map: 7110212

Neasele
Stevens Interiors
43, 440.50
4/21/06

LR 060002319 Type: DBS 2/14/2006 Pages: 3

Description: 0.143 ACRE

File: 1 Change: 0

Name Type: Grantee

Reverse Party: **COMBS, BOBBY R**

Book: Page:

Pin or Map: 7110120

✓ ac 8 add parcel
0.143 AC. Belle Ave
See Plat
@ MB 1-2872

LR 060002318 Type: DBS 2/14/2006 Pages: 5

Description: PARS 1 & 2

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **COMBS, BOBBY R**

Book: Page:

Pin or Map: 7110120

✓ 0.202 ac + 0.090
AC.
Belle Ave
See Plat @
MB 1-2872
W1
ESMT

LR 05002872M Type: OPM 4/26/2005 Pages: 1

Description: TRACT A-1 & LOTS A-1 & B-1

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **COMBS, BOBBY R**

Book: Page:

Pin or Map: 7110105

✓ See MB 1-2872

LR 05002872M Type: OPM 4/26/2005 Pages: 1

Description: TRACT A-1 & LOTS A-1 & B-1

File: 1 Change: 0

Name Type: Grantee

Reverse Party: **COMBS, BOBBY R**

Book: Page:

Pin or Map: 7110105

✓

LR 050002850 Type: CS 2/25/2005 Pages: 1

Description: 1697-713

File: 1 Change: 0

Name Type: Grantee

Reverse Party: **FLIPPEN, G FRANKLIN; TR**

Book: Page:

Pin or Map: 7090402

LR 050002850 Type: CS 2/25/2005 Pages: 1

Description: 1697-713

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **PARKWAY WESLEYAN
CHURCH**

Book: Page:

Pin or Map: 7090402

re 1697-713

LR 050002849 Type: CPS 2/25/2005 Pages: 2

Description: LTS 1 & 2 INST 040001599

File: 1 Change: 0

Name Type: Grantee

Reverse Party: **GLENN, ROBERT E; TR**

Book: Page:

Pin or Map: 7090402

LR 050002849 Type: CPS 2/25/2005 Pages: 2

Description: LTS 1 & 2 INST 040001599

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **PARKWAY WESLEYAN
CHURCH INC**

Book: Page:

Pin or Map: 7090402

releases
Lots 1 & 2
King St.

LR 050002378 Type: DBS-PL 2/16/2005 Pages: 5

Description: LTS 1 & 2 GISH ESTATE

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **PARKWAY HOUSE OF
PRAYER**

Book: Page:

Pin or Map: 7090411

Lots 1 & 2
King St.
3.386 AC &
5.4619 AC.

LR 040013371 Type: CS 8/9/2004 Pages: 1

Description: INST 000000602

File: 1 Change: 0

Name Type: Grantee

Reverse Party: **GOODLATTE, MARYELLEN F;
TR**

Book: Page:

Pin or Map: 7090402

LR 040013371 Type: CS 8/9/2004 Pages: 1

Description: INST 000000602

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **PARKWAY WESLEYAN
CHURCH**

Book: Page:

Pin or Map: 7090402

re. DT
on report

LR 040004107 Type: AG-PL 3/18/2004 Pages: 7

Description: 11.588 & 70.933 ACRES

File: 1 Change: 0

Name Type: Grantor

Reverse Party: **CITY OF ROANOKE**

Book: Page:

Pin or Map: 7110121

✓ main
agreement
STM

LR 040001599 Type: DTCL 2/2/2004 Pages: 7

Description: PARS 1 & 2

File: 1 Change: 0

Name Type: Grantor

Reverse Party: GOODLATTTE, MARYELLEN

F; TR

Book: Page:

Pin or Map: 7090402

1128/04
Maryellen &
Glenn
Wesleyan
Inv. found
In Inc
le in

LR 040000415 Type: DBS 1/9/2004 Pages: 3

Description: 11.588 & 70.933 ACRES

File: 1 Change: 0

Name Type: Grantee

Reverse Party: CARPENTER'S FOUNDATION

Book: Page:

Pin or Map: 7110121

deed
in

LR 040000414 Type: DOA 1/9/2004 Pages: 4

Description: LTS 1 & 2 INST 000000602

File: 1 Change: 0

Name Type: Grantor

Reverse Party: PARKWAY WESLEYAN

CHURCH INC

Book: Page:

Pin or Map: 7090411

LR 040000414 Type: DOA 1/9/2004 Pages: 4

Description: LTS 1 & 2 INST 000000602

File: 1 Change: 0

Name Type: Grantee

Reverse Party: FALLON PARK WESLEYAN

CHURCH

Book: Page:

Pin or Map: 7090411

LR 040000414 Type: DOA 1/9/2004 Pages: 4

Description: LTS 1 & 2 INST 000000602

File: 1 Change: 0

Name Type: Grantor

Reverse Party: PARKWAY WESLEYAN

CHURCH INC

Book: Page:

Pin or Map: 7090411

LR 000000602 Type: DOT 1/14/2000 Pages: 7

Description: LTS 1 & 2

File: 1 Change: 0

Name Type: Grantor

Reverse Party: GOODLATTTE, MARYELLEN F;

TR

Book: Page:

Pin or Map: 7090402

LR 99002040M Type: PLD 11/24/1999 Pages: 1

Description: LTS 1 & 2

File: 1 Change: 0

Name Type: Grantee

Reverse Party: CITY OF ROANOKE

Book: Page:

Pin or Map:

LR 99002040M Type: **PLD** 11/24/1999 Pages: 1

Description: **LTS 1 & 2**

File: 1 Change: 0

Book: Page:

Name Type: **Grantor**

Pin or Map:

Reverse Party: **CITY OF ROANOKE**

LR 99002039M Type: **PLD** 11/24/1999 Pages: 1

Description: **LTS 1 & 2**

File: 1 Change: 0

Book: Page:

Name Type: **Grantee**

Pin or Map:

Reverse Party: **CITY OF ROANOKE**

LR 99002039M Type: **PLD** 11/24/1999 Pages: 1

Description: **LTS 1 & 2**

File: 1 Change: 0

Book: Page:

Name Type: **Grantor**

Pin or Map:

Reverse Party: **CITY OF ROANOKE**

LR 931010724 Type: **CS** 12/20/1993 Pages: 0

Description: **1647-1854**

File: 1 Change: 0

Book: **1701** Page: **47**

Name Type: **Grantor**

Pin or Map:

Reverse Party: **FALLON PARK WESLEYAN**

CHURCH

LR 931010724 Type: **CS** 12/20/1993 Pages: 0

Description: **1647-1854**

File: 1 Change: 0

Book: **1701** Page: **47**

Name Type: **Grantee**

Pin or Map:

Reverse Party: **FALLON PARK WESLEYAN**

CHURCH

LR 931008672 Type: **DOT** 11/3/1993 Pages: 0

Description: **9.3 AC**

File: 1 Change: 0

Book: **1697** Page: **713**

Name Type: **Grantor**

Pin or Map:

Reverse Party: **GLENN, ROBERT E; TR**

LR 910004021 Type: **DOT** 11/1/1991 Pages: 0

Description: **9/3 AC**

File: 1 Change: 0

Book: **1647** Page: **1854**

Name Type: **Grantor**

Pin or Map:

Reverse Party: **GLENN, ROBERT E; TR**

KNOW ALL MEN BY THESE PRESENTS TO WT: THAT BOBBY R. AND MARTHA LYNN COMBS ARE THE OWNERS OF THE PROPERTY SHOWN BY HEREBY LOT A BOUND AND COM普ED AS A LOT, BOUND BY CORNERS 1 THRU 9, TO INCL. BEING THE PROPERTY CONVEYED TO SAID OWNERS BY BOBBY R. AND MARTHA LYNN COMBS BY DEED DATED OCTOBER 6, 1981 AND RECORDED IN THE CLERK'S OFFICE OF THE CIRCUIT COURT, THE CITY OF ROANOKE, VIRGINIA IN DEED BOOK 1477, PAGE 886.

THAT PARKWAY WESLEYAN CHURCH, INC. IS THE OWNER OF NEW TRACT A (70.934 ACRES), AS SHOWN ON MAP FOR INBANC, LLC, RECORDED AS M.D. 1, PG. 1588, BEING THE PROPERTY CONVEYED TO SAID OWNER BY THE CARPENTER'S FOUNDATION, INC. BY DEED DATED DECEMBER 19, 2003 AND RECORDED IN THE AFORESAID CLERK'S OFFICE AS INSTRUMENT NUMBER 040000415.

THE SAID OWNERS HEREBY CERTIFY THAT THEY HAVE RESUBDIVIDED THE PROPERTIES OF THEIR OWNERSHIP AS AFORESAID AS PROVIDED BY THE C.R. 15-2-2279 OF THE 1950 CODE OF VIRGINIA AS AMENDED TO DATE, AND THE CITY OF ROANOKE SUBDIVISION ORDINANCE AS AMENDED TO DATE, AND VACATE LINES 5-6, 6-7, 7-8 AND 8-1 SHOWN DOTTED HEREON.

Bobby R. Combs 4/18/05 *Marsha Lynn Combs 4/18/05*
BOBBY R. COMBS-OWNER DATE MARSHA LYNN COMBS-OWNER DATE
DEED BOOK 1477, PAGE 886

4-18-05

4/18/05

Dr. John W. Ott President *Terry L. Hall Vice President*
DR. JOHN W. OTT-PRESIDENT TERRY L. HALL-VICE PRESIDENT
PARKWAY WESLEYAN CHURCH, INC. PARKWAY WESLEYAN CHURCH, INC.
INSTRUMENT NUMBER 040000415 INSTRUMENT NUMBER 040000415
STATE OF VIRGINIA OF ROANOKE TO WT:

I, Linda C. Hogan, A NOTARY PUBLIC IN AND FOR THE AFORESAID STATE DO HEREBY CERTIFY THAT BOBBY R. COMBS, WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS PERSONALLY APPEARED BEFORE ME AND ACKNOWLEDGED THE SAME IN MY AFORESAID JURISDICTION ON THIS 18 DAY OF April 2005.

MY COMMISSION EXPIRES:

5-31-07

Linda C. Hogan
NOTARY PUBLIC

STATE OF VIRGINIA OF Blacksburg TO WT:

I, Linda C. Hogan, A NOTARY PUBLIC IN AND FOR THE AFORESAID STATE DO HEREBY CERTIFY THAT MARTHA LYNN COMBS, WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS PERSONALLY APPEARED BEFORE ME AND ACKNOWLEDGED THE SAME IN MY AFORESAID JURISDICTION ON THIS 18 DAY OF April 2005.

MY COMMISSION EXPIRES:

5-31-07

Linda C. Hogan
NOTARY PUBLIC

STATE OF VIRGINIA OF Roanoke TO WT:

I, Dennis Schupp, A NOTARY PUBLIC IN AND FOR THE AFORESAID STATE DO HEREBY CERTIFY THAT DR. JOHN W. OTT, PRESIDENT OF PARKWAY WESLEYAN CHURCH, INC., WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS PERSONALLY APPEARED BEFORE ME AND ACKNOWLEDGED THE SAME IN MY AFORESAID JURISDICTION ON THIS 20 DAY OF April 2005.

MY COMMISSION EXPIRES:

October 31, 2006

Dennis Schupp
NOTARY PUBLIC

STATE OF VIRGINIA OF Roanoke TO WT:

I, Dennis Schupp, A NOTARY PUBLIC IN AND FOR THE AFORESAID STATE DO HEREBY CERTIFY THAT TERRY L. HALL, VICE PRESIDENT OF PARKWAY WESLEYAN CHURCH, INC., WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS PERSONALLY APPEARED BEFORE ME AND ACKNOWLEDGED THE SAME IN MY AFORESAID JURISDICTION ON THIS 20 DAY OF April 2005.

MY COMMISSION EXPIRES:

October 31, 2006

Dennis Schupp
NOTARY PUBLIC

IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF THE CITY OF ROANOKE, VIRGINIA THIS MAP WAS PRESENTED WITH THE CERTIFICATE OF ACKNOWLEDGEMENT THERETO ATTACHED AND FILED TO RECORD AT 11:37 O'CLOCK A.M. ON THIS 26 DAY OF April 2005.

TESTE: BRENDA S. HAMILTON
CLERK

Brenda S. Hamilton
DEPUTY CLERK

APPROVED:

R. Brian Townsend 4-22-05
AGENT - CITY OF ROANOKE
PLANNING COMMISSION

Philip C. Dunn 4-22-05
CITY ENGINEER - CITY OF
ROANOKE

DATE

DATE

TAX # 7110105
70.934 ACRE
+0.143 ACRE
-0.202 ACRE
-0.090 ACRE
70.785 ACRES
TRACT A-1

NEW PROPERTY LINE SET

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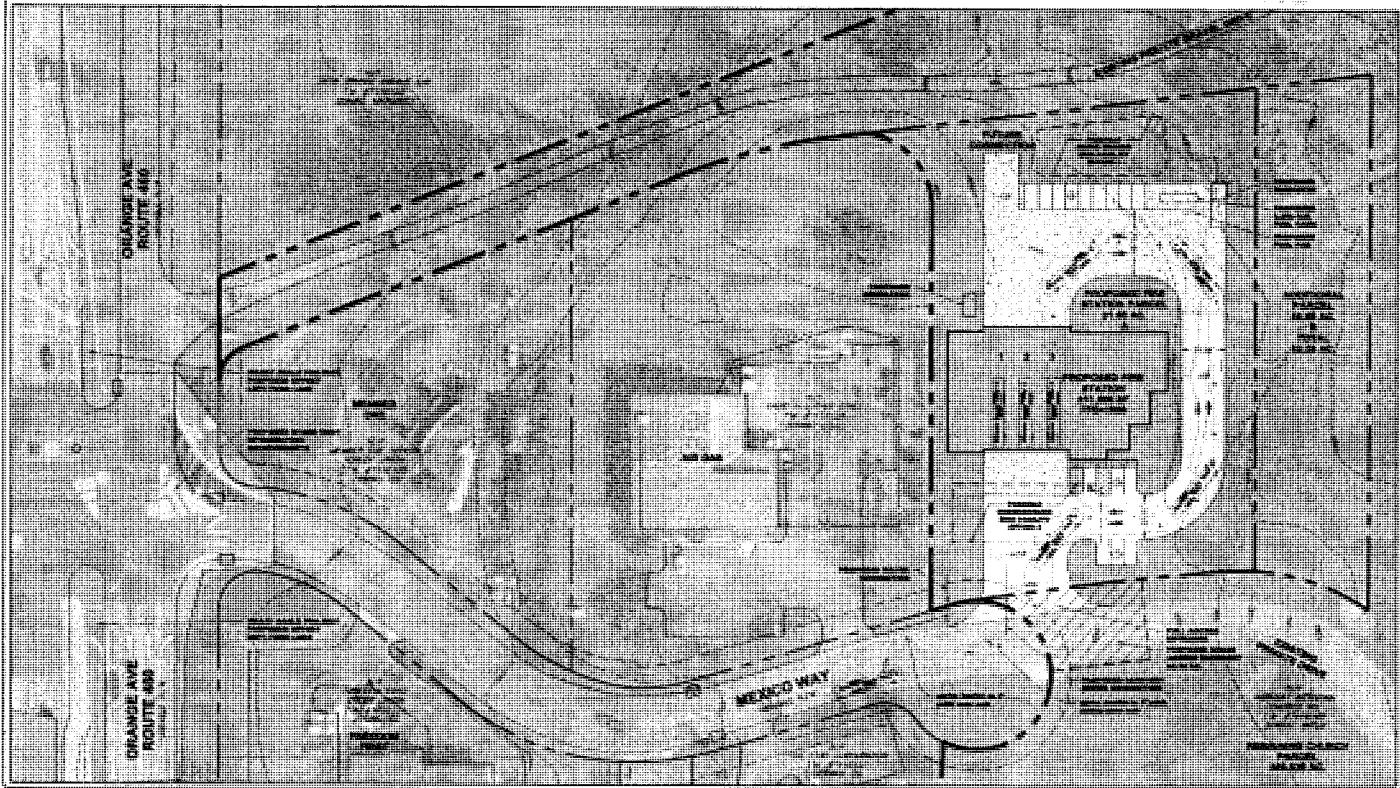
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PRELIMINARY



BONSACK FIRE STATION

CONCEPTUAL SITE PLAN

Exhibit A



ECS MID-ATLANTIC, LLC

Geotechnical • Construction Materials • Environmental • Facilities

"Setting the Standard for Service"

April 25, 2022

City of Roanoke Fire Department
Via Email: fire-ems@roanokeva.gov

ECS Project No. 47:14480

Subject: Freedom of Information Act Request

To Whom It May Concern:

ECS Mid-Atlantic, LLC (ECS) is currently working on an environmental site assessment in Roanoke and are requesting 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:

- Grass Parcel – 3645 Orange Avenue NE, Roanoke, Virginia
Parcel ID: 7110105

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.

Respectfully,

ECS MID-ATLANTIC, LLC


Alexandra Moon
Senior Project Manager

Appendix III: Regulatory Records Documentation

New Bonsack / 460 Fire Station
3645 Orange Avenue
Roanoke, VA 24012

Inquiry Number: 6949527.2s
April 21, 2022

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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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3645 ORANGE AVENUE
ROANOKE, VA 24012

COORDINATES

Latitude (North): 37.3058520 - 37° 18' 21.06"
Longitude (West): 79.8869880 - 79° 53' 13.15"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 598637.4
UTM Y (Meters): 4129179.2
Elevation: 1058 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 13861947 ROANOKE, VA
Version Date: 2019

East Map: 13861957 STEWARTSVILLE, VA
Version Date: 2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20141017
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 3645 ORANGE AVENUE
 ROANOKE, VA 24012

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	GETTY 71120	3542 ORANGE AVE	LUST, LTANKS, UST	Lower	715, 0.135, WNW
A2	SLEEP ESSENTIALS	3542 ORANGE AVENUE	RCRA NonGen / NLR	Lower	715, 0.135, WNW
A3	COOPER CROUSE-HINDS,	1700 BLUE HILLS DR.	RCRA-VSQG, FINDS, ECHO	Lower	728, 0.138, WNW
A4	GARDNER-DENVER M&C	1700 BLUE HILLS DR	UST	Lower	728, 0.138, WNW
B5	CHALLENGER AVE SUNOC	3745 CHALLENGER AVE	LUST	Lower	1301, 0.246, NNE
B6	CHALLENGER AVE SUNOC	3745 CHALLENGER AVE	LTANKS	Lower	1301, 0.246, NNE
B7	SAV-ON TOBACCO	3745 CHALLENGER AVE	LUST, LTANKS, UST, SPILLS, Financial Assurance	Lower	1301, 0.246, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
NPL LIENS.....	Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL.....	National Priority List Deletions
-------------------	----------------------------------

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS.....	Corrective Action Report
---------------	--------------------------

Lists of Federal RCRA TSD facilities

RCRA-TSDF.....	RCRA - Treatment, Storage and Disposal
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Lists of Federal RCRA generators

RCRA-LQG.....	RCRA - Large Quantity Generators
RCRA-SQG.....	RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

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

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

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

State and tribal institutional control / engineering control registries

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Site Specific Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Prep/Spills Database Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

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

EXECUTIVE SUMMARY

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

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

A review of the RCRA-VSQG list, as provided by EDR, and dated 02/28/2022 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COOPER CROUSE-HINDS,</i>	<i>1700 BLUE HILLS DR.</i>	<i>WNW 1/8 - 1/4 (0.138 mi.)</i>	<i>A3</i>	<i>18</i>

EXECUTIVE SUMMARY

EPA ID:: VAD108251992

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GETTY 71120 Database: LUST REG WC, Date of Government Version: 06/04/2015 Date Closed: 1999-09-28 00:00:00 Date Closed: 1998-09-09 00:00:00 Pollution Control #: 00-2016 Pollution Control #: 98-1130	3542 ORANGE AVE	NNW 1/8 - 1/4 (0.135 mi.)	A1	8
CHALLENGER AVE SUNOC Database: LUST REG WC, Date of Government Version: 06/04/2015 Case Status: Closed Pollution Control #: 20152218	3745 CHALLENGER AVE	NNE 1/8 - 1/4 (0.246 mi.)	B5	40
SAV-ON TOBACCO Database: LUST REG WC, Date of Government Version: 06/04/2015	3745 CHALLENGER AVE	NNE 1/8 - 1/4 (0.246 mi.)	B7	41

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 11/03/2021 has revealed that there are 3 LTANKS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GETTY 71120 Facility Status: Closed CEDS Facility Id: 200000093891 Pollution Complaint #: 19981130	3542 ORANGE AVE	NNW 1/8 - 1/4 (0.135 mi.)	A1	8
CHALLENGER AVE SUNOC Facility Status: Closed CEDS Facility Id: 200000090411 Pollution Complaint #: 20152218	3745 CHALLENGER AVE	NNE 1/8 - 1/4 (0.246 mi.)	B6	41
SAV-ON TOBACCO Facility Status: Closed CEDS Facility Id: 200000090411 Pollution Complaint #: 20052058	3745 CHALLENGER AVE	NNE 1/8 - 1/4 (0.246 mi.)	B7	41

EXECUTIVE SUMMARY

Lists of state and tribal registered storage tanks

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

A review of the UST list, as provided by EDR, and dated 11/01/2021 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GETTY 71120 Tank Status: REM FROM GRD Facility Id: 2000644 CEDS Facility ID: 200000093891	3542 ORANGE AVE	WNW 1/8 - 1/4 (0.135 mi.)	A1	8
GARDNER-DENVER M&C Tank Status: REM FROM GRD Facility Id: 2016055 CEDS Facility ID: 200000089391	1700 BLUE HILLS DR	WNW 1/8 - 1/4 (0.138 mi.)	A4	35
SAV-ON TOBACCO Tank Status: CURR IN USE Tank Status: TEMP OUT OF USE Facility Id: 2022675 CEDS Facility ID: 200000090411	3745 CHALLENGER AVE	NNE 1/8 - 1/4 (0.246 mi.)	B7	41

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/28/2022 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SLEEP ESSENTIALS EPA ID:: VAR000512806	3542 ORANGE AVENUE	WNW 1/8 - 1/4 (0.135 mi.)	A2	14

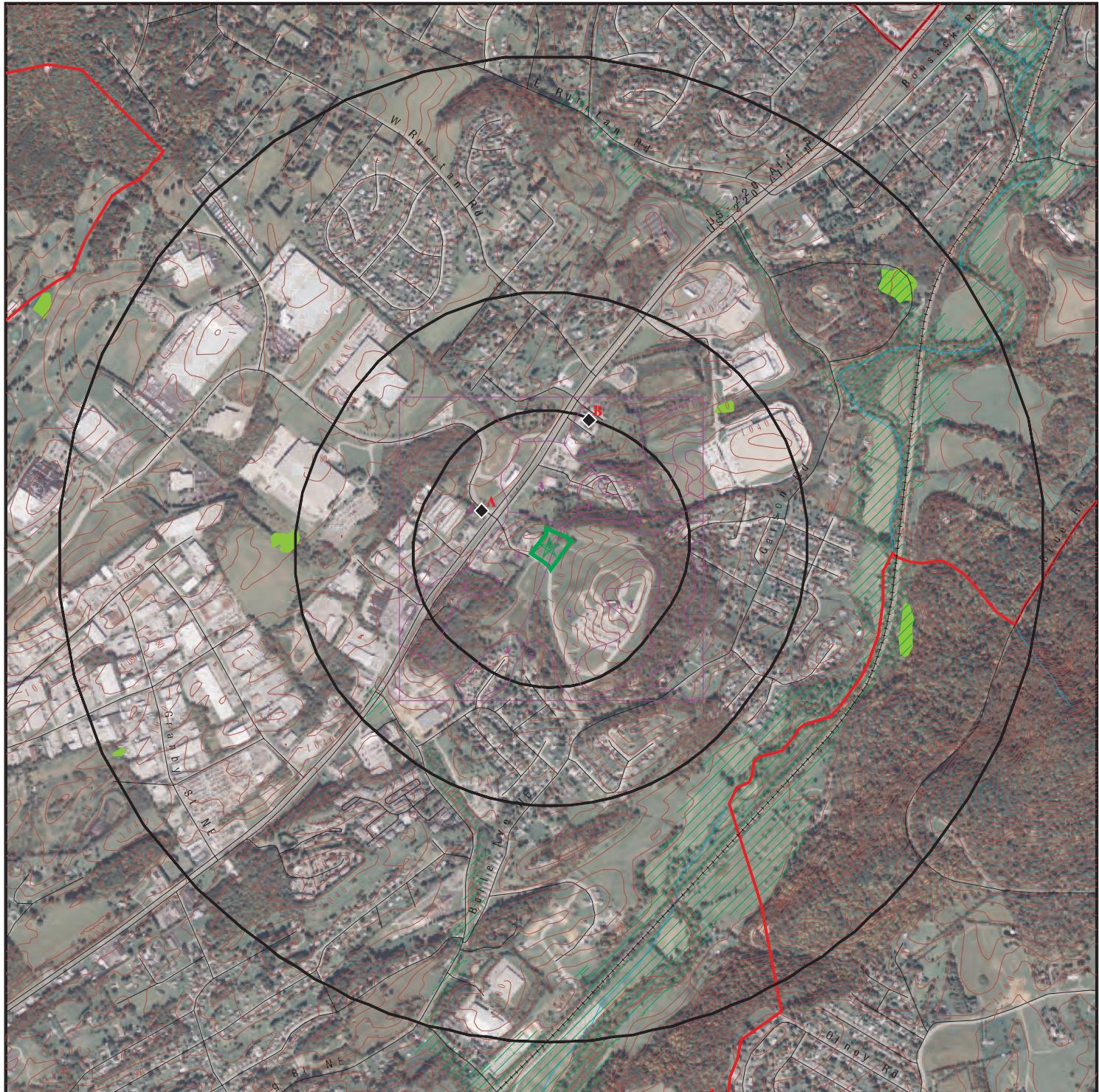
EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name
NW SIGNAL SHOP

Database(s)
LTANKS

OVERVIEW MAP - 6949527.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory



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

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
 Roanoke VA 24012
LAT/LONG: 37.305852 / 79.886988

CLIENT: ECS Mid Atlantic, LLC
CONTACT: Alexandra Moon
INQUIRY #: 6949527.2s
DATE: April 21, 2022 9:10 am

DETAIL MAP - 6949527.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA
 Special Flood Hazard Area (1%)
 0.2% Annual Chance Flood Hazard



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

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke VA 24012
LAT/LONG: 37.305852 / 79.886988

CLIENT: ECS Mid Atlantic, LLC
CONTACT: Alexandra Moon
INQUIRY #: 6949527.2s
DATE: April 21, 2022 9:12 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	3	0	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
LTANKS	0.500		0	3	0	NR	NR	3
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	3	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	11	0	0	0	11

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
UST EPA ID Number

A1	GETTY 71120	LUST	U003673960
WNW	3542 ORANGE AVE	LTANKS	N/A
1/8-1/4	ROANOKE, VA 24012	UST	
0.135 mi.			
715 ft.	Site 1 of 4 in cluster A		
Relative:	LUST REG WC:		
Lower	Region: WC		
Actual:	Case Status: Not reported		
1028 ft.	Date Reported: 08/16/1999		
	Date Closed: 1999-09-28 00:00:00		
	Release Reported: Not reported		
	Pollution Control #: 00-2016		
	Case Manager: Not reported		
	Owner Name: GETTY PETROLEUM MKT., INC		
	Owner Address: 86 DOREMUS AVENUE		
	Owner City,St,Zip: NEWARK, NJ 07105		
	Owner Phone: 800-487-4388		
	Region: WC		
	Case Status: Not reported		
	Date Reported: 04/27/1998		
	Date Closed: 1998-09-09 00:00:00		
	Release Reported: Not reported		
	Pollution Control #: 98-1130		
	Case Manager: Not reported		
	Owner Name: GETTY REALTY CORP		
	Owner Address: 86 DOREMUS AVENUE		
	Owner City,St,Zip: NEWARK, NJ 07105		
	Owner Phone: 973-344-7860		
	LTANKS:		
	Name: GETTY MART #120		
	Address: 3542 ORANGE AVE		
	City,State,Zip: ROANOKE, VA 24012		
	City,State,Zip: ROANOKE, VA 24012		
	Region: BRRO-R		
	CEDS Facility Id: 200000093891		
	Case Status: Closed		
	Pollution Complaint #: 19981130		
	Reported: 04/27/1998		
	Case Closed Date: 09/09/1998		
	Program: RP Lead		
	Federally Regulated UST (Y/N): Y		
	Regulated Petroleum UST (1): Y		
	Excluded UST (1): N		
	Deferred UST (1): N		
	Partially Deferred UST (1): N		
	Exempt 1 UST (2): N		
	Exempt 2 Heating Oil UST (2): N		
	Small Heating Oil AST (2): N		
	Regulated AST (3): N		
	Unregulated AST (3): N		
	Other Y/N: N		
	Unknown Y/N: N		
	Other Description: Not reported		
	Heating Oil Category: Not reported		

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GETTY 71120 (Continued)

U003673960

Facility:

Name: GETTY 71120
Address: 3542 ORANGE AVE
City,State,Zip: ROANOKE, VA 24012
Facility Id: 2000644
Facility Type: GAS STATION
CEDS Facility ID: 200000093891

Owner:

Owner Id: 27127
Owner Name: Getty Petroleum Marketing Inc
Owner Address: 1500 Hempstead Tpke
Owner Address2: Not reported
Owner City, State, Zip: East Meadow, NY 11554
Owner Type: PRIVATE
Number of Active AST: 0
Number of Active UST: 0
Number of Inactive AST: 0
Number of Inactive UST: 4

UST:

Facility ID: 2000644
Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 10000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:

Install Date: 1/1/1980
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior Yes
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Glass Lined

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 Yes
Tank Release Detection: Stat Invent Recon Yes
Tank Release Detection: Spill Install Yes
Tank Release Detection: Overfill Install Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GETTY 71120 (Continued)

U003673960

Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No
Tank Release Detection: Int Double Walled No
Tank Release Detection: Other Method No
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Not reported
Pipe Release Detection: Line Tightness No
Pipe Release Detection: Stat Invent Recon Yes
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: PRESSURE
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel No
Pipe Materials: Copper No
Pipe Materials: Fiberglass Yes
Pipe Materials: Cath Protect No
Pipe Materials: Double Walled Yes
Pipe Materials: Sec Containment No
Pipe Materials: Repaired No
Pipe Materials: Unknown No
Pipe Materials: Other No
Pipe Materials: Other Note APT FLEXIBLE

Facility ID: 2000644
Federally Regulated: Yes

Tank Number: 2
Tank Capacity: 5000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 1/1/1980
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior Yes
Tank Materials: Excav Liner No
Tank Materials: Insulated Tank Jacket No
Tank Materials: Repaired No
Tank Materials: Unknown No
Tank Materials: Other No
Tank Materials: Other Note Glass Lined

Release Detection:
Tank Release Detection: Leak Deferred No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GETTY 71120 (Continued)

U003673960

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	Yes
Tank Release Detection: Stat Invent Recon	Yes
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	Yes
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:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	Yes
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	APT FLEXIBLE
 Facility ID:	2000644
Federally Regulated:	Yes
 Tank Number:	3
Tank Capacity:	5000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST
 Tank Material:	
Install Date:	1/1/1980
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GETTY 71120 (Continued)

U003673960

Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Glass Lined

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

PRESSURE

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

Facility ID:

2000644

Federally Regulated:

Yes

Tank Number:

4

Tank Capacity:

6000

Tank Contents:

KEROSENE

Tank Status:

REM FROM GRD

Tank Type:

UST

Tank Material:

1/1/1980

Install Date:

No

Tank Materials: Bare Steel

Yes

Tank Materials: Cath Protect Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GETTY 71120 (Continued)

U003673960

Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Glass Lines

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

Pipe Materials: Bare Steel	PRESSURE
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
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	APT FLEXIBLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

A2	SLEEP ESSENTIALS	RCRA NonGen / NLR	1009400601
WNW	3542 ORANGE AVENUE		VAR000512806
1/8-1/4	ROANOKE, VA 24012		
0.135 mi.			
715 ft.	Site 2 of 4 in cluster A		
Relative:	RCRA NonGen / NLR:		
Lower	Date Form Received by Agency:	20080721	
Actual:	Handler Name:	SLEEP ESSENTIALS	
1028 ft.	Handler Address:	3542 ORANGE AVENUE	
	Handler City,State,Zip:	ROANOKE, VA 24012-6427	
	EPA ID:	VAR000512806	
	Contact Name:	Not reported	
	Contact Address:	Not reported	
	Contact City,State,Zip:	Not reported	
	Contact Telephone:	000-000-0000 239	
	Contact Fax:	Not reported	
	Contact Email:	Not reported	
	Contact Title:	Not reported	
	EPA Region:	03	
	Land Type:	Private	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Not reported	
	State District Owner:	VA	
	State District:	2	
	Mailing Address:	Not reported	
	Mailing City,State,Zip:	00000	
	Owner Name:	Not reported	
	Owner Type:	Not reported	
	Operator Name:	Not reported	
	Operator Type:	Not reported	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	NN	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SLEEP ESSENTIALS (Continued)

1009400601

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20080721
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GETTY PETROLEUM MARKETING, INC.
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1500 HEMPSTEAD TPKE
Owner/Operator City,State,Zip:	EAST MEADOW, NY 11554
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SCOTT HANLEY
Legal Status:	Private
Date Became Current:	19800101

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Site

Database(s) EDR ID Number
EPA ID Number

SLEEP ESSENTIALS (Continued)

1009400601

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060515
Handler Name:	GETTY PETROLEUM MARKETING, INC. #71120
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080721
Handler Name:	SLEEP ESSENTIALS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080721
Handler Name:	SLEEP ESSENTIALS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44211
NAICS Description:	FURNITURE STORES

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

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SLEEP ESSENTIALS (Continued)

1009400601

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20080717
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2KJT
Evaluation Responsible Sub-Organization: WC
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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Site

EDR ID Number
Database(s) EPA ID Number

A3	COOPER CROUSE-HINDS, LLC	RCRA-VSQG	1000190577
WNW	1700 BLUE HILLS DR. NE	FINDS	VAD108251992
1/8-1/4	ROANOKE, VA 24012	ECHO	
0.138 mi.			
728 ft.	Site 3 of 4 in cluster A		
Relative:	RCRA-VSQG:		
Lower	Date Form Received by Agency:	20180205	
Actual:	Handler Name:	COOPER CROUSE-HINDS, LLC	
1037 ft.	Handler Address:	1700 BLUE HILLS DR. NE	
	Handler City,State,Zip:	ROANOKE, VA 24012	
	EPA ID:	VAD108251992	
	Contact Name:	JEFF A HENCHEL	
	Contact Address:	1700 BLUE HILLS DR. NE	
	Contact City,State,Zip:	ROANOKE, VA 24012	
	Contact Telephone:	540-983-1322 322	
	Contact Fax:	540-983-1311	
	Contact Email:	JEFFAHENCHEL@EATON.COM	
	Contact Title:	EHS MANAGER	
	EPA Region:	03	
	Land Type:	Private	
	Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	VA	
	State District:	2	
	Mailing Address:	1700 BLUE HILLS DR. NE	
	Mailing City,State,Zip:	ROANOKE, VA 24012	
	Owner Name:	EATON CORPORATION	
	Owner Type:	Private	
	Operator Name:	RONALD G. SPAAR	
	Operator Type:	Private	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	NN	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180322
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER

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Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PATTY HAMILTON
Legal Status: Private
Date Became Current: 20000701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MARCUS HAMILTON
Legal Status: Private
Date Became Current: 20030811
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COOPER INDUSTRIES
Legal Status: Private
Date Became Current: 19921101
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 4446
Owner/Operator City,State,Zip: HOUSTON, TX 77210-4446
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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

Owner/Operator Indicator: Owner
Owner/Operator Name: CROUSE HINDS DIV OF COOPER IND

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Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRAIG ATWATER
Legal Status:	Private
Date Became Current:	20050916
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RONALD G. SPAAR
Legal Status:	Private
Date Became Current:	20090801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COOPER INDUSTRIES, LTD.
Legal Status:	Private
Date Became Current:	19921101
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 4446
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4446
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Database(s) EDR ID Number
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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRAIG ATWATER
Legal Status:	Private
Date Became Current:	20050916
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROUSE HINDS DIV OF COOPER IND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RONALD G. SPAAR
Legal Status:	Private
Date Became Current:	20090801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARCUS HAMILTON
Legal Status:	Private
Date Became Current:	20030811
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATTY HAMILTON
Legal Status:	Private
Date Became Current:	20000701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

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EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROUSE HINDS DIV OF COOPER IND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATTY HAMILTON
Legal Status:	Private
Date Became Current:	20000701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATTY HAMILTON
Legal Status:	Private
Date Became Current:	20000701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRAIG ATWATER
Legal Status:	Private
Date Became Current:	20050916
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COOPER INDUSTRIES, LTD.
Legal Status:	Private
Date Became Current:	19921101
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 4446

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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4446
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROUSE HINDS DIV OF COOPER IND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROUSE HINDS DIV OF COOPER IND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROUSE HINDS DIV OF COOPER IND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATTY HAMILTON
Legal Status:	Private
Date Became Current:	20000701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARCUS HAMILTON
Legal Status:	Private

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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Date Became Current:	20030811
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, AK 99999
Owner/Operator Telephone:	215-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARCUS HAMILTON
Legal Status:	Private
Date Became Current:	20030811
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Database(s) EDR ID Number
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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EATON CORPORATION
Legal Status:	Private
Date Became Current:	20121130
Date Ended Current:	Not reported
Owner/Operator Address:	1000 EATON BOULEVARD
Owner/Operator City,State,Zip:	CLEVELAND, OH 44122
Owner/Operator Telephone:	540-983-1310
Owner/Operator Telephone Ext:	310
Owner/Operator Fax:	540-983-1311
Owner/Operator Email:	RONGSPAAR@EATON.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROUSE HINDS DIV OF COOPER IND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 TRAVIS STE 5800
Owner/Operator City,State,Zip:	HOUSTON, TX 77002-1001
Owner/Operator Telephone:	713-209-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EATON CORPORATION
Legal Status:	Private
Date Became Current:	20121130
Date Ended Current:	Not reported
Owner/Operator Address:	1000 EATON BOULEVARD
Owner/Operator City,State,Zip:	CLEVELAND, OH 44122
Owner/Operator Telephone:	540-983-1310
Owner/Operator Telephone Ext:	310
Owner/Operator Fax:	540-983-1311
Owner/Operator Email:	RONGSPAAR@EATON.COM

Historic Generators:

Receive Date:	19841031
Handler Name:	CROUSE HINDS DIV
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20030305
Handler Name:	COOPER CROUSE-HINDS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20030305
Handler Name:	COOPER CROUSE-HINDS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20030905
Handler Name:	COOPER CROUSE-HINDS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20050922
Handler Name:	COOPER CROUSE-HINDS, LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20090811
Handler Name:	COOPER CROUSE-HINDS, LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Receive Date:	20180205
Handler Name:	COOPER CROUSE-HINDS, LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	VA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	19900301
Handler Name:	GARDNER-DENVER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19920227
Handler Name:	GARDNER DENVER M&C
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19940225
Handler Name:	GARDNER DENVER MINING & CONSTRUCTION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33312
NAICS Description:	CONSTRUCTION MACHINERY MANUFACTURING
NAICS Code:	333131

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MAP FINDINGS

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Database(s) EDR ID Number
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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

NAICS Description:	MINING MACHINERY AND EQUIPMENT MANUFACTURING
NAICS Code:	335122
NAICS Description:	COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING
NAICS Code:	335931
NAICS Description:	CURRENT-CARRYING WIRING DEVICE MANUFACTURING
NAICS Code:	335932
NAICS Description:	NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING
NAICS Code:	42161
NAICS Description:	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND CONSTRUCTION MATERIAL WHOLESALERS
NAICS Code:	42361
NAICS Description:	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS
NAICS Code:	423610
NAICS Description:	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	19910913
Actual Return to Compliance Date:	19940210
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19910913
Actual Return to Compliance Date:	19940210
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19910913
Actual Return to Compliance Date:	19940210
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19910913
Actual Return to Compliance Date:	19940210
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19910913
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19940210
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19971031
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R2KJT
Evaluation Responsible Sub-Organization: WC
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910913
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

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Database(s) EDR ID Number
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COOPER CROUSE-HINDS, LLC (Continued)

1000190577

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210204
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R2LNP
Evaluation Responsible Sub-Organization:	BR
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910913
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910913
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110001888173

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GARDNER-DENVER M&C (Continued)

U003676573

Number of Inactive AST:	0
Number of Inactive UST:	4
 UST:	
Facility ID:	2016055
Federally Regulated:	Yes
Tank Number:	1R
Tank Capacity:	1500
Tank Contents:	DIESEL
Tank Status:	REM FROM GRD
Tank Type:	UST
 Tank Material:	
Install Date:	5/8/1981
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
 Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GARDNER-DENVER M&C (Continued)

U003676573

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:	2016055
Federally Regulated:	Yes

Tank Number:	2R
Tank Capacity:	1500
Tank Contents:	DIESEL
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:	
Install Date:	5/8/1981
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

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

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GARDNER-DENVER M&C (Continued)

U003676573

Pipe Release Detection: Groundwater No
Pipe Release Detection: Int Sec Containment No
Pipe Release Det: Interior Double Walled No
Pipe Release Detection: Other Method No
Pipe Release Detection: Other Note Not reported

Pipe Type: UNKNOWN
Pipe Materials: Bare Steel No
Pipe Materials: Galvanized Steel 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: 2016055
Federally Regulated: Yes

Tank Number: 3R
Tank Capacity: 3000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Install Date: 5/8/1981
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel Yes
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No
Tank Materials: Concrete No
Tank Materials: Composite No
Tank Materials: Double Walled No
Tank Materials: Lined Interior 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

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GARDNER-DENVER M&C (Continued)

U003676573

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
Pipe Release Detection: Other Note	Not reported

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

Facility ID:	2016055
Federally Regulated:	Yes

Tank Number:	4R
Tank Capacity:	6000
Tank Contents:	UNKNOWN
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:	
Install Date:	5/9/1983
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	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

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Site

Database(s) EDR ID Number
EPA ID Number

GARDNER-DENVER M&C (Continued)

U003676573

Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
 Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	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

B5 CHALLENGER AVE SUNOCO
NNE 3745 CHALLENGER AVE
1/8-1/4 ROANOKE, VA 24012

0.246 mi.

1301 ft. Site 1 of 3 in cluster B

LUST S117622950
N/A

Relative: LUST REG WC:
Lower Region: WC
Actual: **Case Status:** **Closed**
1048 ft. Date Reported: Not reported
Date Closed: Not reported
Release Reported: 12/04/2014
Pollution Control #: 20152218
Case Manager: Jonathan P Newbill
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

B6 CHALLENGER AVE SUNOCO
NNE 3745 CHALLENGER AVE
1/8-1/4 ROANOKE, VA
0.246 mi.
1301 ft. Site 2 of 3 in cluster B

LTANKS S117622614
N/A

Relative: LTANKS:
Lower Name: CHALLENGER AVE SUNOCO
Actual: Address: 3745 CHALLENGER AVE
1048 ft. City,State,Zip: ROANOKE, VA
City,State,Zip: ROANOKE, VA
Region: BRRO-R
CEDS Facility Id: 200000090411
Case Status: **Closed**
Pollution Complaint #: 20152218
Reported: 12/04/2014
Case Closed Date: 12/16/2014
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

B7 SAV-ON TOBACCO
NNE 3745 CHALLENGER AVE
1/8-1/4 ROANOKE, VA 24012
0.246 mi.
1301 ft. Site 3 of 3 in cluster B

LUST U003983094
LTANKS N/A
UST

SPILLS

Financial Assurance

Relative: LUST REG WC:
Lower Region: WC
Actual: **Case Status:** **Not reported**
1048 ft. Date Reported: 11/15/2004
Date Closed: Not reported
Release Reported: Not reported
Pollution Control #: Not reported
Case Manager: Not reported
Owner Name: EMPIRE PETROLEUM CO., LLC
Owner Address: 15729 CRABBS BRANCH WAY
Owner City,St,Zip: ROCKVILLE, MD 20855
Owner Phone: 301-921-9200

LTANKS:
Name: FAST STOP FOOD MART
Address: 3745 CHALLENGER AVE
City,State,Zip: ROANOKE, VA
City,State,Zip: ROANOKE, VA
Region: BRRO-R
CEDS Facility Id: 200000090411

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Case Status: **Closed**
Pollution Complaint #: 20052058
Reported: 11/15/2004
Case Closed Date: 08/31/2007
Program: RP Lead
Federally Regulated UST (Y/N): Y
Regulated Petroleum UST (1): Y
Excluded UST (1): N
Deferred UST (1): N
Partially Deferred UST (1): N
Exempt 1 UST (2): N
Exempt 2 Heating Oil UST (2): N
Small Heating Oil AST (2): N
Regulated AST (3): N
Unregulated AST (3): N
Other Y/N: N
Unknown Y/N: N
Other Description: Not reported
Heating Oil Category: Not reported

Facility:

Name: SAV-ON TOBACCO
Address: 3745 CHALLENGER AVE
City, State, Zip: ROANOKE, VA 24012
Facility Id: 2022675
Facility Type: GAS STATION
CEDS Facility ID: 200000090411

Owner:

Owner Id: 41804
Owner Name: Empire Petroleum Partners LLC
Owner Address: 8350 N Central Expressway Ste M2185
Owner Address2:
Owner City, State, Zip: Dallas, TX 75206
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 8
Number of Inactive AST: 0
Number of Inactive UST: 0

Owner Id: 50116
Owner Name: Asim Aayan LLC
Owner Address: 3745 Challenger Avenue NE
Owner Address2:
Owner City, State, Zip: Roanoke, VA 24012
Owner Type: COMMERCIAL
Number of Active AST: 0
Number of Active UST: 8
Number of Inactive AST: 0
Number of Inactive UST: 0

UST:

Facility ID: 2022675
Federally Regulated: Yes

Tank Number: 1M
Tank Capacity: 8000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:

Install Date:	4/1/1988
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	Yes
Tank Materials: Other Note	Buff-Hide

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Not reported
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Automatic Shutoff

Pipe Type:

Pipe Materials: Bare Steel	PRESSURE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Pipe Materials: Other Note	Not reported
Facility ID:	2022675
Federally Regulated:	Yes
Tank Number:	2M
Tank Capacity:	8000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST
Tank Material:	
Install Date:	4/1/1988
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	Yes
Tank Materials: Other Note	Buff-Hide
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Not reported
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Automatic Shutoff
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Facility ID:	2022675
Federally Regulated:	Yes

Tank Number:	3
Tank Capacity:	8000
Tank Contents:	GASOLINE PREMIUM
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:	
Install Date:	4/1/1988
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	Yes
Tank Materials: Other Note	Buff-Hide

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

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 Automatic Shutoff

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

Facility ID: 2022675
Federally Regulated: Yes

Tank Number: 4
Tank Capacity: 8000
Tank Contents: DIESEL
Tank Status: Curr In Use
Tank Type: UST

Tank Material:
Install Date: 4/1/1988
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 Yes
Tank Materials: Other Note Buff-Hide

Release Detection:
Tank Release Detection: Leak Deferred No
Tank Release Detection: Manual Gauge No
Tank Release Detection: Auto Gauge Yes
Tank Release Detection: Tank Tightness No
Tank Release Detection: Vapor Monitor No
Tank Release Detection: Inventory No
Tank Release Detection: Stat Invent Recon No
Tank Release Detection: Spill Install Yes
Tank Release Detection: Overfill Install Not reported
Tank Release Detection: Groundwater No
Tank Release Detection: Int Sec Containment No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Automatic Shutoff

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

Facility ID:	2022675
Federally Regulated:	Yes

Tank Number:	5
Tank Capacity:	8000
Tank Contents:	GASOLINE RACING
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:	
Install Date:	4/1/1988
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	Yes
Tank Materials: Other Note	Buff-Hide

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

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

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

Facility ID:	2022675
Federally Regulated:	Yes

Tank Number:	6
Tank Capacity:	10000
Tank Contents:	HEATING OIL
Tank Status:	TEMP OUT OF USE
Tank Type:	UST

Tank Material:	
Install Date:	4/1/1988
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Tank Materials: Other Yes
Tank Materials: Other Note Buff-Hide

Release Detection:

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

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

Facility ID: 2022675
Federally Regulated: Yes

Tank Number: 7
Tank Capacity: 10000
Tank Contents: DIESEL
Tank Status: TEMP OUT OF USE
Tank Type: UST

Tank Material:
Install Date: 4/1/1988
Tank Materials: Bare Steel No
Tank Materials: Cath Protect Steel No
Tank Materials: Epoxy Steel No
Tank Materials: Fiberglass No

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

SAV-ON TOBACCO (Continued)
U003983094

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	Yes
Tank Materials: Other Note	Buff-Hide

Release Detection:

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

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

Facility ID:	2022675
Federally Regulated:	Yes

Tank Number:	8
Tank Capacity:	10000
Tank Contents:	HEATING OIL
Tank Status:	TEMP OUT OF USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Tank Type:	UST
Tank Material:	
Install Date:	4/1/1988
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	Yes
Tank Materials: Other Note	Buff-Hide

Release Detection:

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

SPILLS:

Name: Not reported
Address: 3745 CHALLENGER AVE
City,State,Zip: ROANOKE, VA 24012
City,State,Zip: ROANOKE, VA 24012
Fips City/County: 161/Roanoke County
Status: Closed
Reference Id: 253643
IR Number: 2006-W-0247
Associated IR: Not reported
Incident Date: 03/24/2006
Call Received Date: 03/24/2006
Closure Comments: See Site Comments for details
Threat To: Not reported
Terrorism (Y/N): NO
Characterize Incident: Not reported
Incident Type: Petroleum(Petroleum)
Incident Subtype: Petroleum
Materials: Oil (Fuel-Gasoline)
Effect To Receptor: Not reported
Water Body: Not reported
Low Quantity To Water: Not reported
High Quantity To Water: Not reported
Quantity Units: Not reported
Other Receptors: Ditch Line
RP Company: EOC
RP Name: Not reported
Property Owner: Not reported
Property Company: Not reported
Duration Of Event (Hrs): Not reported
Impacts: Not reported
Other Impacts: Not reported
Steps Taken: Not reported
Steps Taken Description: Not reported
System Components: Not reported
Other System Components: Not reported
Cause Of Event: Not reported
Corrective Action Taken: Not reported
Weather Status: No
Precipitation (Wet): Not reported
Discharge Type: Not reported
Discharge Volume: Not reported
Unknown Discharge (Y/N): NO
Site Name: FAST STOP MARKET
Closure Date: 04/26/2006
Orig. Call Incident Description: 17 Gallons of Gasoline spilled and washed with a water hose into a ditch.
Original Call Material Description: Gasoline
Original Call Location Description: Fast Stop Market-3745 Challenger Ave-Roanoke-VA-24012-Roanoke County
Incident Ongoing at time of Call: No
Agencies Notified (Y/N): NO
Other Agencies: Not reported
Permitted (Y/N): No
Call Reported By Company Name: Unidentified
Call Property Owner Company Name: Not reported
Call Property Owner Name: Not reported
Site Summary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

VA Financial Assurance 1:

Name: SAV-ON TOBACCO
Address: 3745 CHALLENGER AVE
Address 2: Not reported
City,State,Zip: ROANOKE, VA 24012
Facility ID: 2022675
Owner Name: Asim Aayan LLC
ROF Own Id: 50116
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurrence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 8000
CEDS Facility Name: Food Mart 208
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

Name: SAV-ON TOBACCO
Address: 3745 CHALLENGER AVE
Address 2: Not reported
City,State,Zip: ROANOKE, VA 24012
Facility ID: 2022675
Owner Name: Asim Aayan LLC
ROF Own Id: 50116
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurrence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 10000
CEDS Facility Name: Food Mart 208
Tank Status: TEMP OUT OF USE
Active Federally Regualted UST: Y

Name: SAV-ON TOBACCO
Address: 3745 CHALLENGER AVE
Address 2: Not reported
City,State,Zip: ROANOKE, VA 24012
Facility ID: 2022675
Owner Name: Asim Aayan LLC
ROF Own Id: 50116
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurrence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 8000
CEDS Facility Name: Food Mart 208
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

MAP FINDINGS

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

SAV-ON TOBACCO (Continued)

U003983094

Name: SAV-ON TOBACCO
 Address: 3745 CHALLENGER AVE
 Address 2: Not reported
 City,State,Zip: ROANOKE, VA 24012
 Facility ID: 2022675
 Owner Name: Asim Aayan LLC
 ROF Own Id: 50116
 Tank Type: UST
 Mechanism: Not reported
 Gallonage: Not reported
 Per Occurrence: Not reported
 Third Party: Not reported
 Annual Aggregate: Not reported
 In Compliance: Not reported
 Total Capacity: 8000
 CEDS Facility Name: Food Mart 208
 Tank Status: CURR IN USE
 Active Federally Regualted UST: Y

Name: SAV-ON TOBACCO
 Address: 3745 CHALLENGER AVE
 Address 2: Not reported
 City,State,Zip: ROANOKE, VA 24012
 Facility ID: 2022675
 Owner Name: Asim Aayan LLC
 ROF Own Id: 50116
 Tank Type: UST
 Mechanism: Not reported
 Gallonage: Not reported
 Per Occurrence: Not reported
 Third Party: Not reported
 Annual Aggregate: Not reported
 In Compliance: Not reported
 Total Capacity: 8000
 CEDS Facility Name: Food Mart 208
 Tank Status: CURR IN USE
 Active Federally Regualted UST: Y

Name: SAV-ON TOBACCO
 Address: 3745 CHALLENGER AVE
 Address 2: Not reported
 City,State,Zip: ROANOKE, VA 24012
 Facility ID: 2022675
 Owner Name: Asim Aayan LLC
 ROF Own Id: 50116
 Tank Type: UST
 Mechanism: Not reported
 Gallonage: Not reported
 Per Occurrence: Not reported
 Third Party: Not reported
 Annual Aggregate: Not reported
 In Compliance: Not reported
 Total Capacity: 10000
 CEDS Facility Name: Food Mart 208
 Tank Status: TEMP OUT OF USE
 Active Federally Regualted UST: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SAV-ON TOBACCO (Continued)

U003983094

Name: SAV-ON TOBACCO
Address: 3745 CHALLENGER AVE
Address 2: Not reported
City,State,Zip: ROANOKE, VA 24012
Facility ID: 2022675
Owner Name: Asim Aayan LLC
ROF Own Id: 50116
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurrence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 8000
CEDS Facility Name: Food Mart 208
Tank Status: CURR IN USE
Active Federally Regualted UST: Y

Name: SAV-ON TOBACCO
Address: 3745 CHALLENGER AVE
Address 2: Not reported
City,State,Zip: ROANOKE, VA 24012
Facility ID: 2022675
Owner Name: Asim Aayan LLC
ROF Own Id: 50116
Tank Type: UST
Mechanism: Not reported
Gallonage: Not reported
Per Occurrence: Not reported
Third Party: Not reported
Annual Aggregate: Not reported
In Compliance: Not reported
Total Capacity: 10000
CEDS Facility Name: Food Mart 208
Tank Status: TEMP OUT OF USE
Active Federally Regualted UST: Y

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ROANOKE	S103723005	NW SIGNAL SHOP	HOLLINS & ORANGE INTERSECTION		LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: N/A
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 04/01/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/11/2022
	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: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: N/A
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 04/01/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: 800-424-9346
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 04/01/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/25/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/28/2022	Source: EPA
Date Data Arrived at EDR: 03/02/2022	Telephone: 800-424-9346
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 800-438-2474
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 800-438-2474
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 800-438-2474
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/28/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2022	Telephone: 800-438-2474
Date Made Active in Reports: 03/17/2022	Last EDR Contact: 04/06/2022
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/04/2022
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 11/15/2021	Source: Department of the Navy
Date Data Arrived at EDR: 11/16/2021	Telephone: 843-820-7326
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 02/07/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/23/2022
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 02/23/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 02/23/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2021

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 03/01/2022

Telephone: 202-267-2180

Date Made Active in Reports: 03/10/2022

Last EDR Contact: 03/22/2022

Number of Days to Update: 9

Next Scheduled EDR Contact: 07/04/2022

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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

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

Date of Government Version: N/A

Source: Department of Environmental Quality

Date Data Arrived at EDR: N/A

Telephone: 804-698-4236

Date Made Active in Reports: N/A

Last EDR Contact: 03/14/2022

Number of Days to Update: N/A

Next Scheduled EDR Contact: 06/27/2022

Data Release Frequency: N/A

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/29/2021

Source: Department of Environmental Quality

Date Data Arrived at EDR: 12/01/2021

Telephone: 804-698-4238

Date Made Active in Reports: 02/23/2022

Last EDR Contact: 02/25/2022

Number of Days to Update: 84

Next Scheduled EDR Contact: 06/13/2022

Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Amelia, Brunswick, Charles City, Chesterfield, Dinwiddie, Essex, Gloucester, Goochland, 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

Source: Department of Environmental Quality Piedmont Regional Office

Date Data Arrived at EDR: 12/04/2014

Telephone: 804-527-5020

Date Made Active in Reports: 01/16/2015

Last EDR Contact: 08/29/2016

Number of Days to Update: 43

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 SC: Leaking Underground Storage Tanks

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

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

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

LUST REG 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 NO: Leaking Underground Storage Tank Tracking Database

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

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

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

LUST REG WC: Leaking Underground Storage Tank List

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

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

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

LUST REG SW: Leaking Underground Storage Tank Database

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/12/2021	Source: EPA Region 7
Date Data Arrived at EDR: 11/15/2021	Telephone: 913-551-7003
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2021	Source: EPA Region 8
Date Data Arrived at EDR: 11/15/2021	Telephone: 303-312-6271
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/15/2021	Telephone: 415-972-3372
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 10
Date Data Arrived at EDR: 11/15/2021	Telephone: 206-553-2857
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2021	Source: EPA Region 6
Date Data Arrived at EDR: 11/15/2021	Telephone: 214-665-6597
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2021	Source: EPA, Region 5
Date Data Arrived at EDR: 11/15/2021	Telephone: 312-886-7439
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

LTANKS: Leaking Petroleum Storage Tanks

Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

Date of Government Version: 11/03/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/22/2021	Telephone: 804-698-4010
Date Made Active in Reports: 02/10/2022	Last EDR Contact: 02/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Quarterly

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 04/04/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/18/2022
	Data Release Frequency: Varies

UST: Registered Petroleum Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/01/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/22/2021	Telephone: 804-698-4010
Date Made Active in Reports: 02/10/2022	Last EDR Contact: 02/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/22/2021	Telephone: 804-698-4010
Date Made Active in Reports: 02/10/2022	Last EDR Contact: 02/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-9424
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Sites Listing

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

Date of Government Version: 12/28/2021
Date Data Arrived at EDR: 01/05/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

INST CONTROL: Voluntary Remediation Program Database

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

Date of Government Version: 12/28/2021
Date Data Arrived at EDR: 01/05/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
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: 07/08/2021
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: 12/28/2021
Date Data Arrived at EDR: 01/05/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: 804-698-4228
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
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: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site Specific Assessments

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

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

PFAS: Per- and Polyfluoroalkyl Substances

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

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 74
Source: Department of Environmental Quality
Telephone: 804-698-4336
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/15/2021

Source: U.S. Department of Transportation

Date Data Arrived at EDR: 12/16/2021

Telephone: 202-366-4555

Date Made Active in Reports: 03/10/2022

Last EDR Contact: 03/21/2022

Number of Days to Update: 84

Next Scheduled EDR Contact: 07/04/2022

Data Release Frequency: Quarterly

SPILLS BRL: Prep/Spills Database Listing

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

Date of Government Version: 09/18/2009

Source: DEQ, Blue Ridge Regional Office

Date Data Arrived at EDR: 09/18/2009

Telephone: 434-582-6218

Date Made Active in Reports: 10/06/2009

Last EDR Contact: 11/28/2011

Number of Days to Update: 18

Next Scheduled EDR Contact: 03/12/2012

Data Release Frequency: Varies

SPILLS VA: PREP Database

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

Date of Government Version: 08/08/2012

Source: Department of Environmental Quality, Valley Regional Office

Date Data Arrived at EDR: 08/09/2012

Telephone: 540-574-7800

Date Made Active in Reports: 10/05/2012

Last EDR Contact: 05/06/2013

Number of Days to Update: 57

Next Scheduled EDR Contact: 08/19/2013

Data Release Frequency: Quarterly

SPILLS TD: PREP Database

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

Date of Government Version: 09/17/2009

Source: Department of Environmental Quality, Tidewater Region

Date Data Arrived at EDR: 09/23/2009

Telephone: trofoia@deq.vir

Date Made Active in Reports: 10/06/2009

Last EDR Contact: 09/06/2011

Number of Days to Update: 13

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: Quarterly

SPILLS: Prep/Spills Database Listing

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

Date of Government Version: 08/02/2021

Source: Department of Environmental Quality

Date Data Arrived at EDR: 08/24/2021

Telephone: 804-698-4287

Date Made Active in Reports: 11/17/2021

Last EDR Contact: 02/10/2022

Number of Days to Update: 85

Next Scheduled EDR Contact: 06/06/2022

Data Release Frequency: Quarterly

SPILLS SW: Reportable Spills

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

Date of Government Version: 01/21/2010

Source: Department of Environmental Quality, Southwest Region

Date Data Arrived at EDR: 01/22/2010

Telephone: 276-676-4839

Date Made Active in Reports: 02/16/2010

Last EDR Contact: 07/13/2012

Number of Days to Update: 25

Next Scheduled EDR Contact: 10/29/2012

Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS PD: PREP Database

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

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

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

SPILLS NO: PREP Database

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

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

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

SPILLS PC: Pollution Complaint Database

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

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

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

SPILLS WC: Prep Database

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

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

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

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
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: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014 Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014 Last EDR Contact: 02/01/2022
Number of Days to Update: 88 Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018 Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018 Last EDR Contact: 02/03/2022
Number of Days to Update: 73 Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016 Source: EPA
Date Data Arrived at EDR: 06/17/2020 Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020 Last EDR Contact: 03/18/2022
Number of Days to Update: 85 Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018 Source: EPA
Date Data Arrived at EDR: 08/14/2020 Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020 Last EDR Contact: 02/18/2022
Number of Days to Update: 82 Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/19/2022 Source: EPA
Date Data Arrived at EDR: 01/19/2022 Telephone: 202-564-4203
Date Made Active in Reports: 04/11/2022 Last EDR Contact: 04/20/2022
Number of Days to Update: 82 Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

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: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

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

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/16/2022
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/28/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/11/2022
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/08/2022
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 07/04/2022
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: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

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: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 85

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
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: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/11/2022
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Annually

CEDS: Comprehensive Environmental Data System

Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/23/2021
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 804-698-4285
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 04/12/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 1

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

Date of Government Version: 12/28/2021
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/25/2021
Date Data Arrived at EDR: 10/28/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 804-698-4205
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 01/26/2022
Date Data Arrived at EDR: 01/28/2022
Date Made Active in Reports: 01/31/2022
Number of Days to Update: 3

Source: Department of Environmental Quality
Telephone: 804-698-4123
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 804-698-4159
Last EDR Contact: 04/11/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 84

Source: Department of Mines, Minerals and Energy
Telephone: 276-415-9700
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PCS ENF: Enforcement data

No description is available for this data

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

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/18/2022
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 facility.

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

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

NEW BONSACK / 460 FIRE STATION
3645 ORANGE AVENUE
ROANOKE, VA 24012

TARGET PROPERTY COORDINATES

Latitude (North):	37.305852 - 37° 18' 21.07"
Longitude (West):	79.886988 - 79° 53' 13.16"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	598637.4
UTM Y (Meters):	4129179.2
Elevation:	1058 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	13861947 ROANOKE, VA
Version Date:	2019
East Map:	13861957 STEWARTSVILLE, VA
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

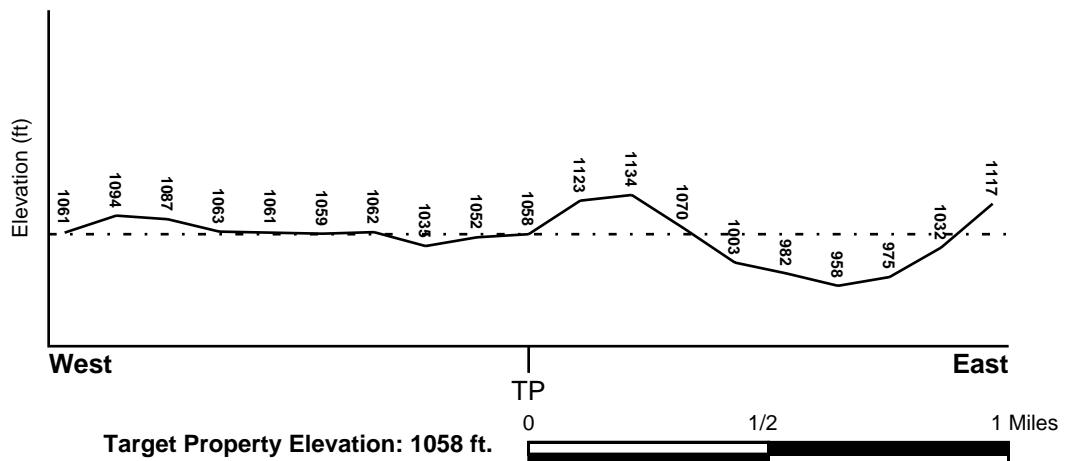
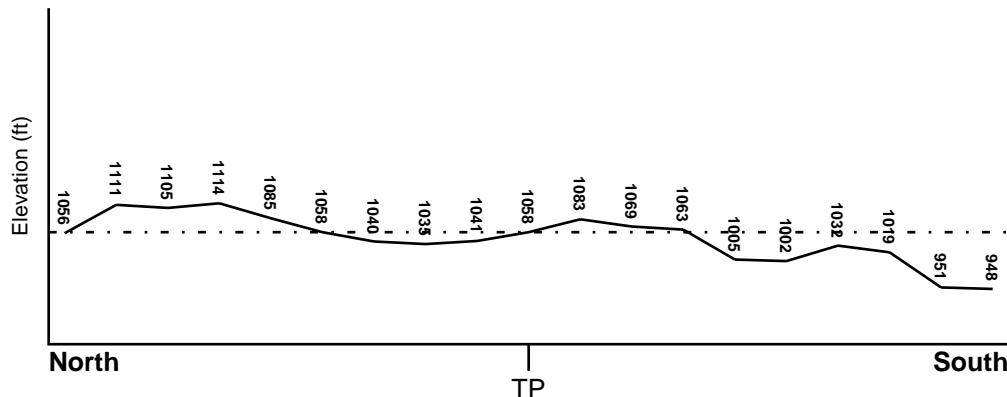
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
51161C0167G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
51023C0480C	FEMA FIRM Flood data
51023C0460C	FEMA FIRM Flood data
51019C0265D	FEMA FIRM Flood data
51161C0186G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
ROANOKE	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.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

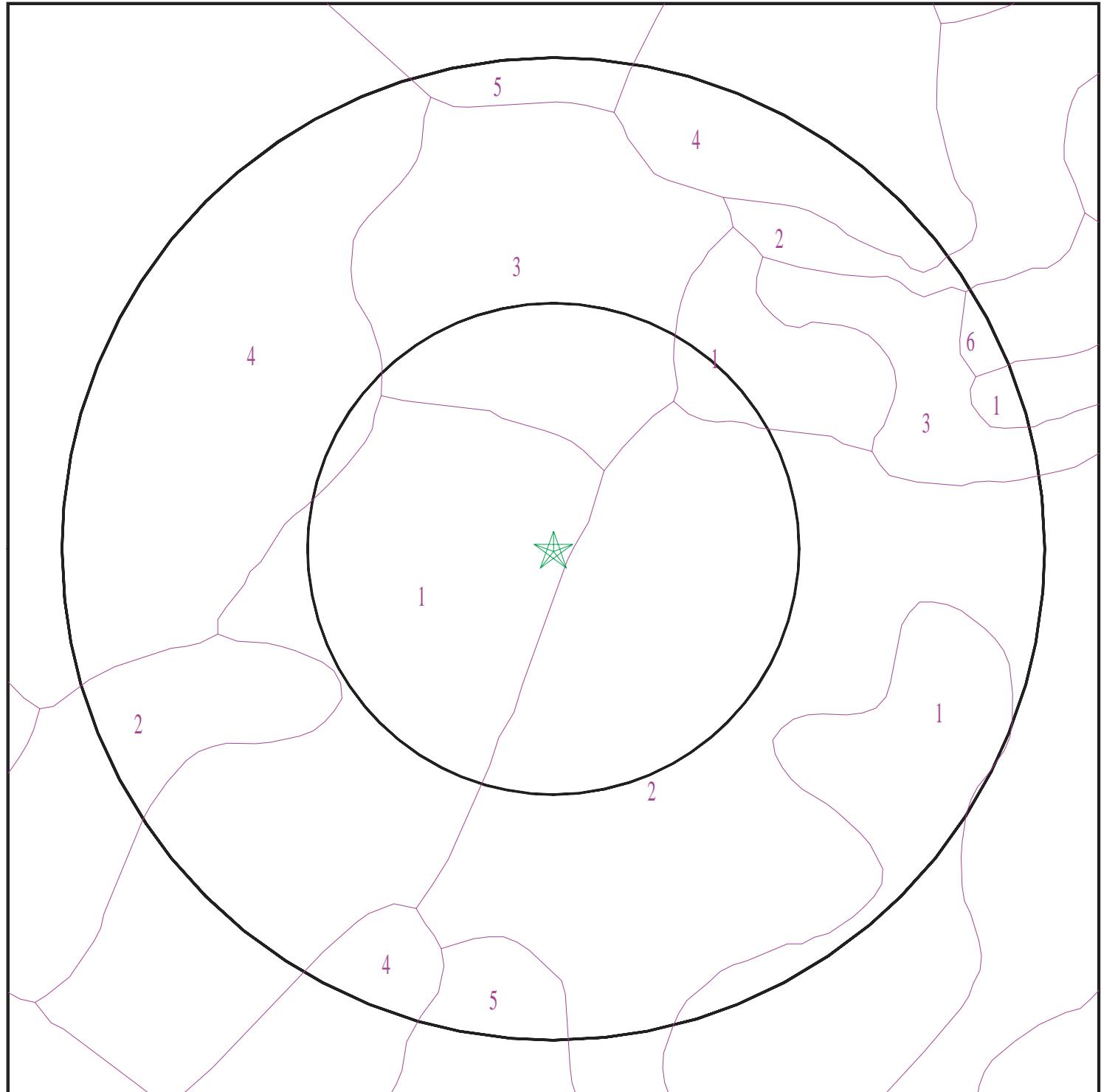
Era: Paleozoic
System: Cambrian
Series: Cambrian
Code: C *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 6949527.2s



SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke VA 24012
LAT/LONG: 37.305852 / 79.886988

CLIENT: ECS Mid Atlantic, LLC
CONTACT: Alexandra Moon
INQUIRY #: 6949527.2s
DATE: April 21, 2022 9:13 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Chiswell

Soil Surface Texture: channery silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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 conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:
2	1 inches	11 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:
3	11 inches	21 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Chiswell
 Soil Surface Texture: channery silt loam
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
 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 conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	1 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:	
2	1 inches	11 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:	
3	11 inches	21 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:	

Soil Map ID: 3

Soil Component Name: Chiswell
 Soil Surface Texture: channery silt loam
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
 Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	1 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:	
2	1 inches	11 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:	
3	11 inches	21 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:	

Soil Map ID: 4

Soil Component Name: Udorthents

Soil Surface Texture: channery silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

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

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.6	
2	18 inches	61 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.6	

Soil Map ID: 6

Soil Component Name: Goseclose
 Soil Surface Texture: silt loam
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
 Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.6	
2	18 inches	61 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

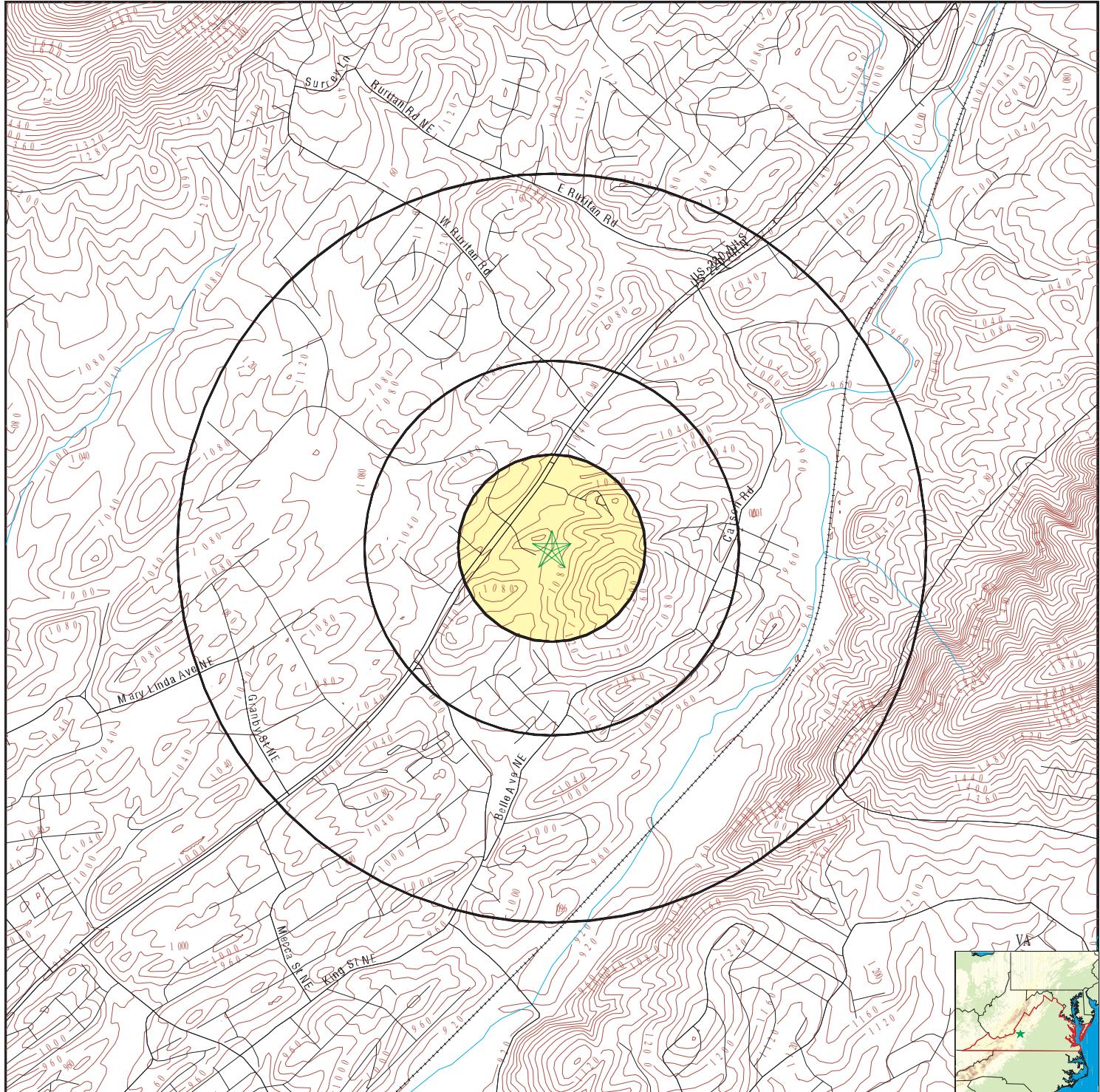
MAP ID

WELL ID

LOCATION
FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 6949527.2s



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

- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: New Bonsack / 460 Fire Station
 ADDRESS: 3645 Orange Avenue
 Roanoke VA 24012
 LAT/LONG: 37.305852 / 79.886988

CLIENT: ECS Mid Atlantic, LLC
 CONTACT: Alexandra Moon
 INQUIRY #: 6949527.2s
 DATE: April 21, 2022 9:13 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 24012

Number of sites tested: 165.

Maximum Radon Level: 39.2 pCi/L.

Minimum Radon Level: 0.4 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
109 (66.06%)	42 (25.45%)	11 (6.67%)	3 (1.82%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for ROANOKE CITY 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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

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 ICAA 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 States Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix IV: Historical Research Documentation

New Bonsack / 460 Fire Station

3645 Orange Avenue

Roanoke, VA 24012

Inquiry Number: 6949527.8

April 25, 2022

The EDR Aerial Photo Decade Package



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

Site Name:

New Bonsack / 460 Fire Station
3645 Orange Avenue
Roanoke, VA 24012
EDR Inquiry # 6949527.8

Client Name:

ECS Mid Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151
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>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1995	1"=500'	Acquisition Date: March 24, 1995	USGS/DOQQ
1982	1"=500'	Flight Date: April 01, 1982	USDA
1977	1"=500'	Flight Date: March 15, 1977	USGS
1972	1"=500'	Flight Date: April 27, 1972	USGS
1968	1"=500'	Flight Date: March 25, 1968	USGS
1960	1"=500'	Flight Date: October 18, 1960	USGS
1956	1"=500'	Flight Date: October 08, 1956	USGS
1947	1"=500'	Flight Date: March 10, 1947	USGS

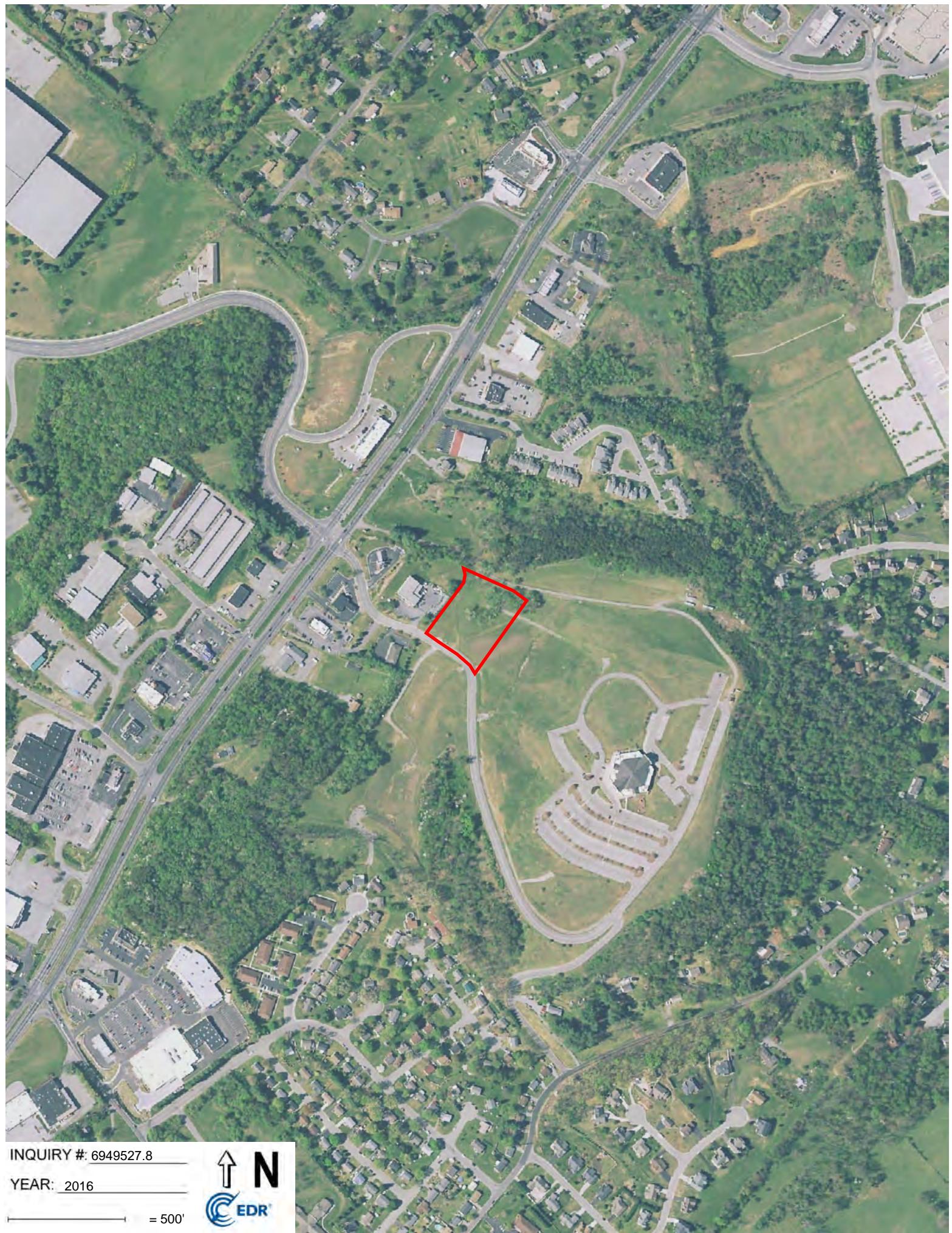
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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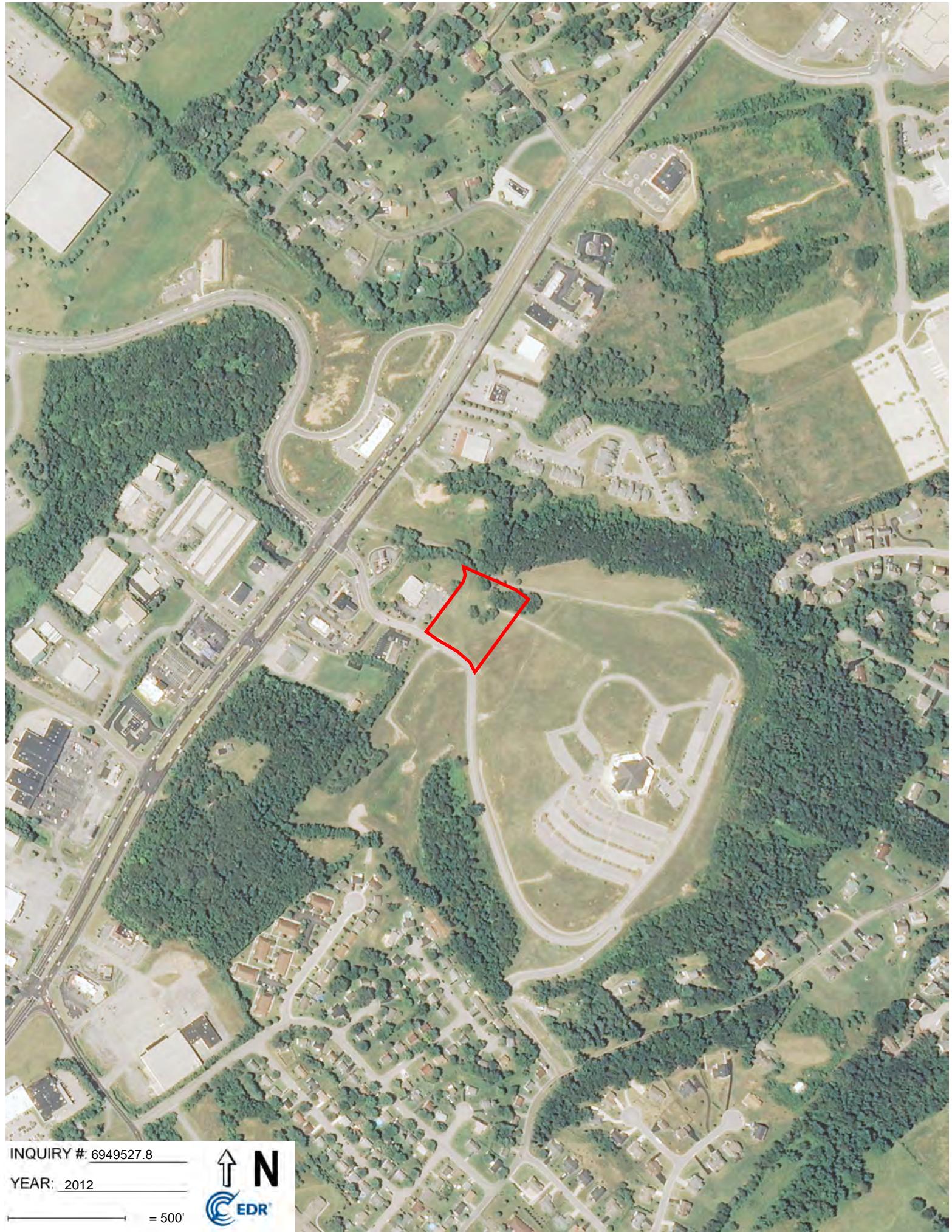


INQUIRY #: 6949527.8

YEAR: 2016

 = 500'





INQUIRY #: 6949527.8

YEAR: 2012



= 500'



INQUIRY #: 6949527.8

YEAR: 2009



= 500'



INQUIRY #: 6949527.8

YEAR: 2006

1 = 500'





INQUIRY #: 6949527.8

YEAR: 1995



= 500'



INQUIRY #: 6949527.8

YEAR: 1982

= 500'





INQUIRY #: 6949527.8

YEAR: 1977



= 500'



INQUIRY #: 6949527.8

YEAR: 1972

= 500'



Subject boundary not shown because it
exceeds image extent or image is not
georeferenced.



INQUIRY #: 6949527.8

YEAR: 1968

= 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

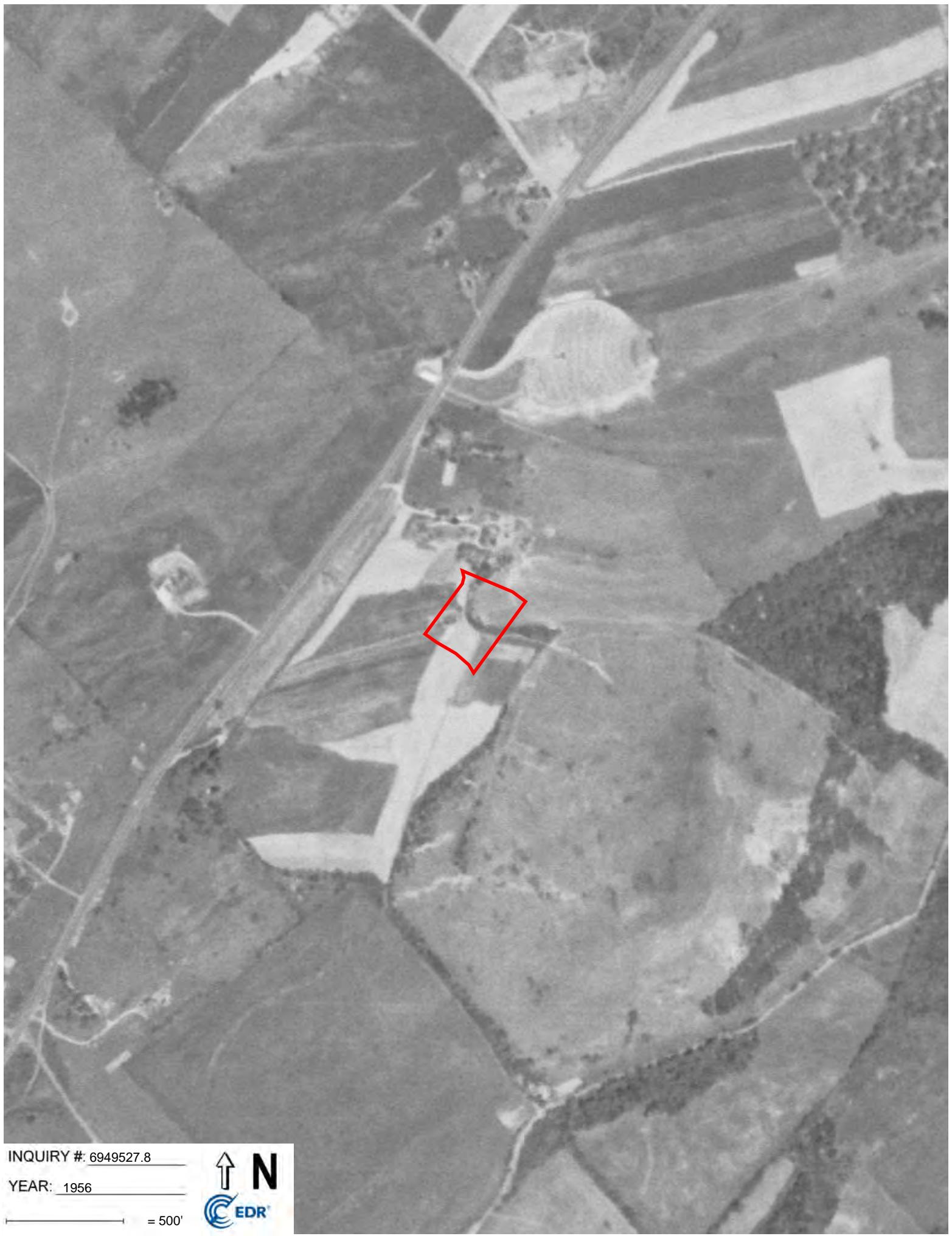


INQUIRY #: 6949527.8

YEAR: 1960

= 500'





INQUIRY #: 6949527.8

YEAR: 1956

= 500'





INQUIRY #: 6949527.8

YEAR: 1947

= 500'



New Bonsack / 460 Fire Station
3645 Orange Avenue
Roanoke, VA 24012

Inquiry Number: 6949527.3

April 21, 2022

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

04/21/22

Site Name:

New Bonsack / 460 Fire Station
3645 Orange Avenue
Roanoke, VA 24012
EDR Inquiry # 6949527.3

Client Name:

ECS Mid Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151



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 # CAAD-47D9-A4AC

PO # NA

Project 14480



Sanborn® Library search results

Certification #: CAAD-47D9-A4AC

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.

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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New Bonsack / 460 Fire Station
3645 Orange Avenue
Roanoke, VA 24012

Inquiry Number: 6949527.4

April 21, 2022

EDR Historical Topo Map Report with QuadMatch™



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

EDR Historical Topo Map Report

04/21/22

Site Name:

New Bonsack / 460 Fire Station
3645 Orange Avenue
Roanoke, VA 24012
EDR Inquiry # 6949527.4

Client Name:

ECS Mid Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151
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. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	37.305852 37° 18' 21" North
Project:	14480	Longitude:	-79.886988 -79° 53' 13" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	598635.02
		UTM Y Meters:	4129383.08
		Elevation:	1058.84' above sea level

Maps Provided:

2019	1962
2016	1933
2013	1929
1984	1891
1978	1890
1977	
1968	
1963	

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Topo Sheet Key

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

2019 Source Sheets



Roanoke
2019
7.5-minute, 24000



Stewartsville
2019
7.5-minute, 24000

2016 Source Sheets



Roanoke
2016
7.5-minute, 24000



Stewartsville
2016
7.5-minute, 24000

2013 Source Sheets



Roanoke
2013
7.5-minute, 24000



Stewartsville
2013
7.5-minute, 24000

1984 Source Sheets



Roanoke
1984
7.5-minute, 24000
Aerial Photo Revised 1982



Stewartsville
1984
7.5-minute, 24000
Aerial Photo Revised 1982

Topo Sheet Key

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

1978 Source Sheets



Stewartsville
1978
7.5-minute, 24000
Aerial Photo Revised 1977

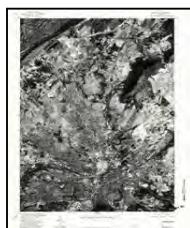


Roanoke
1978
7.5-minute, 24000
Aerial Photo Revised 1977

1977 Source Sheets



Stewartsville
1977
7.5-minute, 24000
Aerial Photo Revised 1977



Roanoke
1977
7.5-minute, 24000
Aerial Photo Revised 1977

1968 Source Sheets



Roanoke
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1963 Source Sheets



Stewartsville
1963
7.5-minute, 24000
Aerial Photo Revised 1960



Roanoke
1963
7.5-minute, 24000
Aerial Photo Revised 1960

Topo Sheet Key

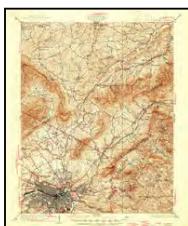
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1962 Source Sheets



Roanoke
1962
7.5-minute, 24000
Aerial Photo Revised 1960

1933 Source Sheets



Roanoke
1933
15-minute, 62500

1929 Source Sheets



Roanoke
1929
15-minute, 48000

1891 Source Sheets



Bedford
1891
30-minute, 125000



Roanoke
1891
30-minute, 125000

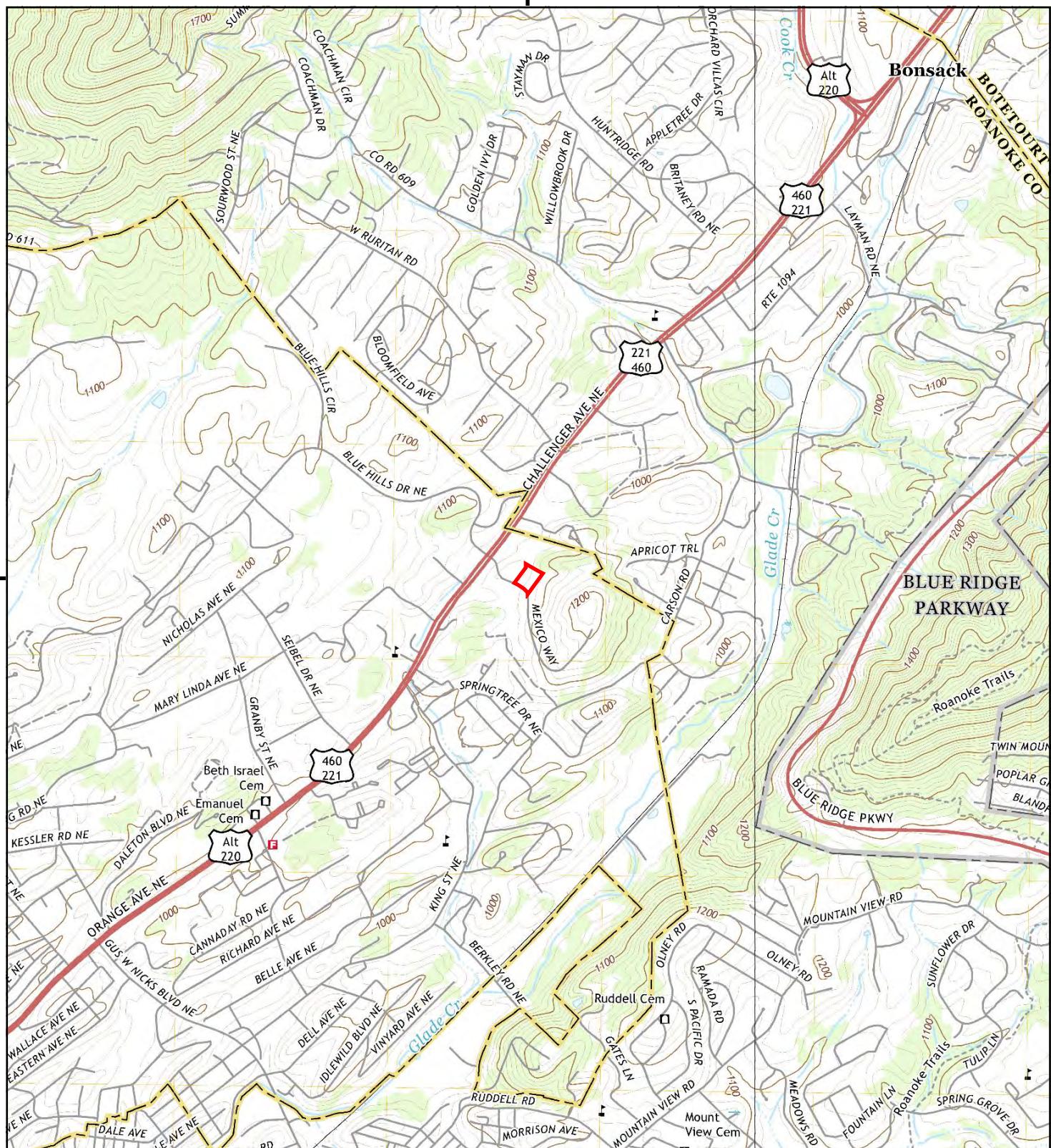
Topo Sheet Key

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1890 Source Sheets

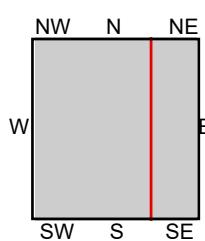


Roanoke
1890
30-minute, 125000



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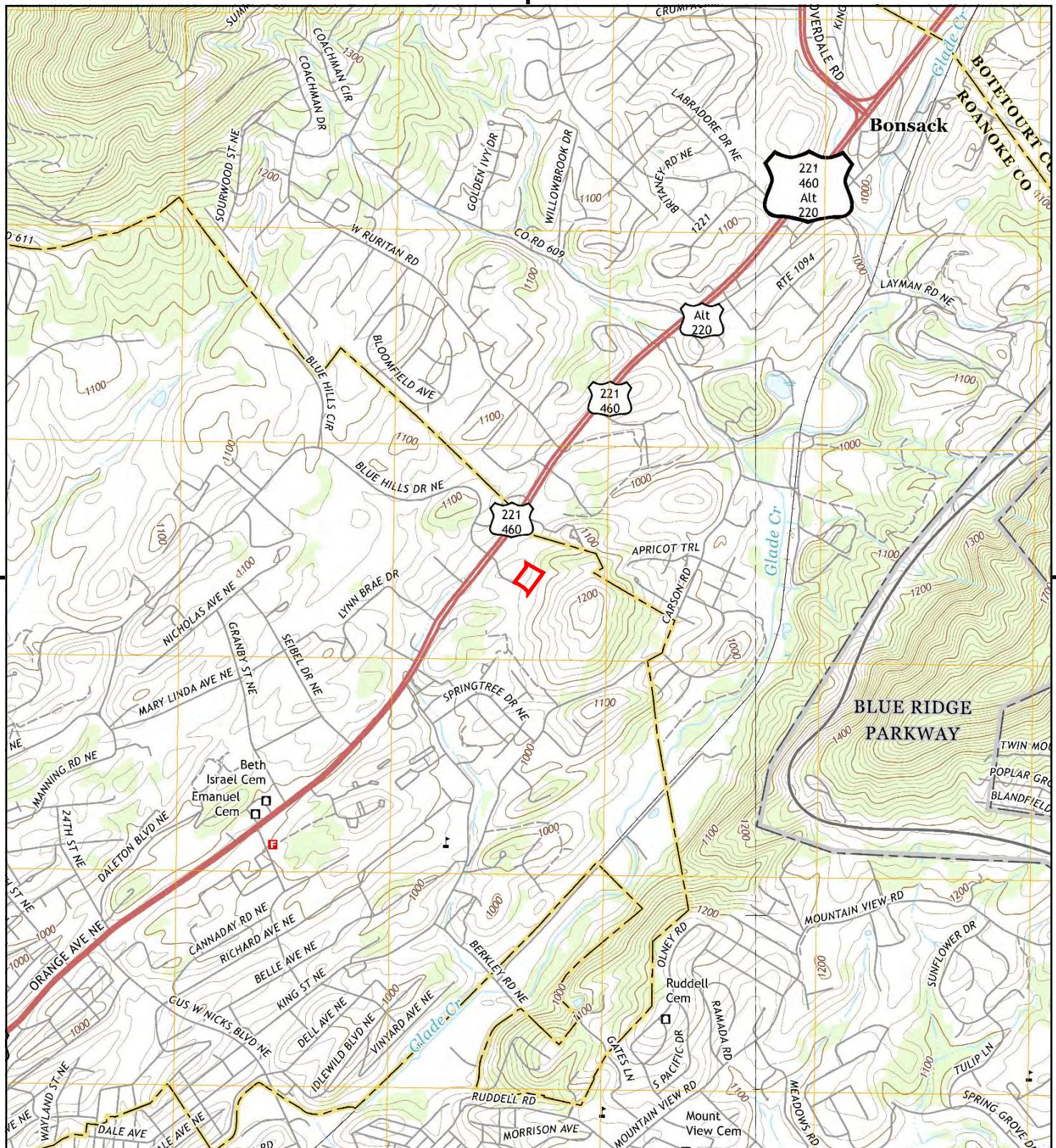
0 Miles 0.25 0.5 1 1.5



TP, Roanoke, 2019, 7.5-minute
E, Stewartsville, 2019, 7.5-minute

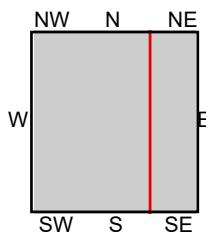
SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

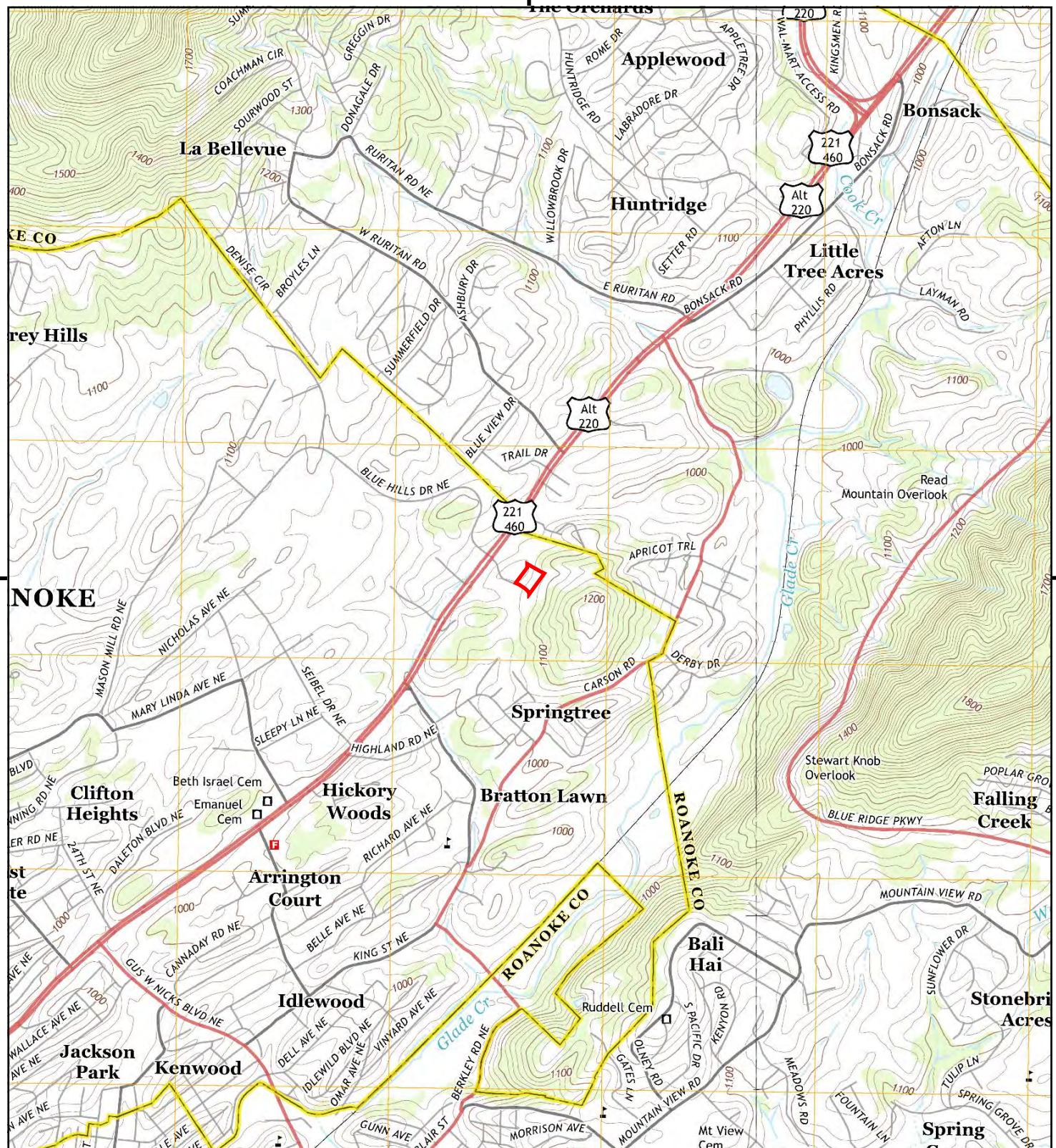
0 Miles 0.25 0.5 1 1.5



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E, Stewartsville, 2016, 7.5-minute

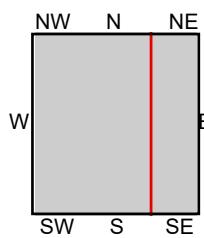
SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



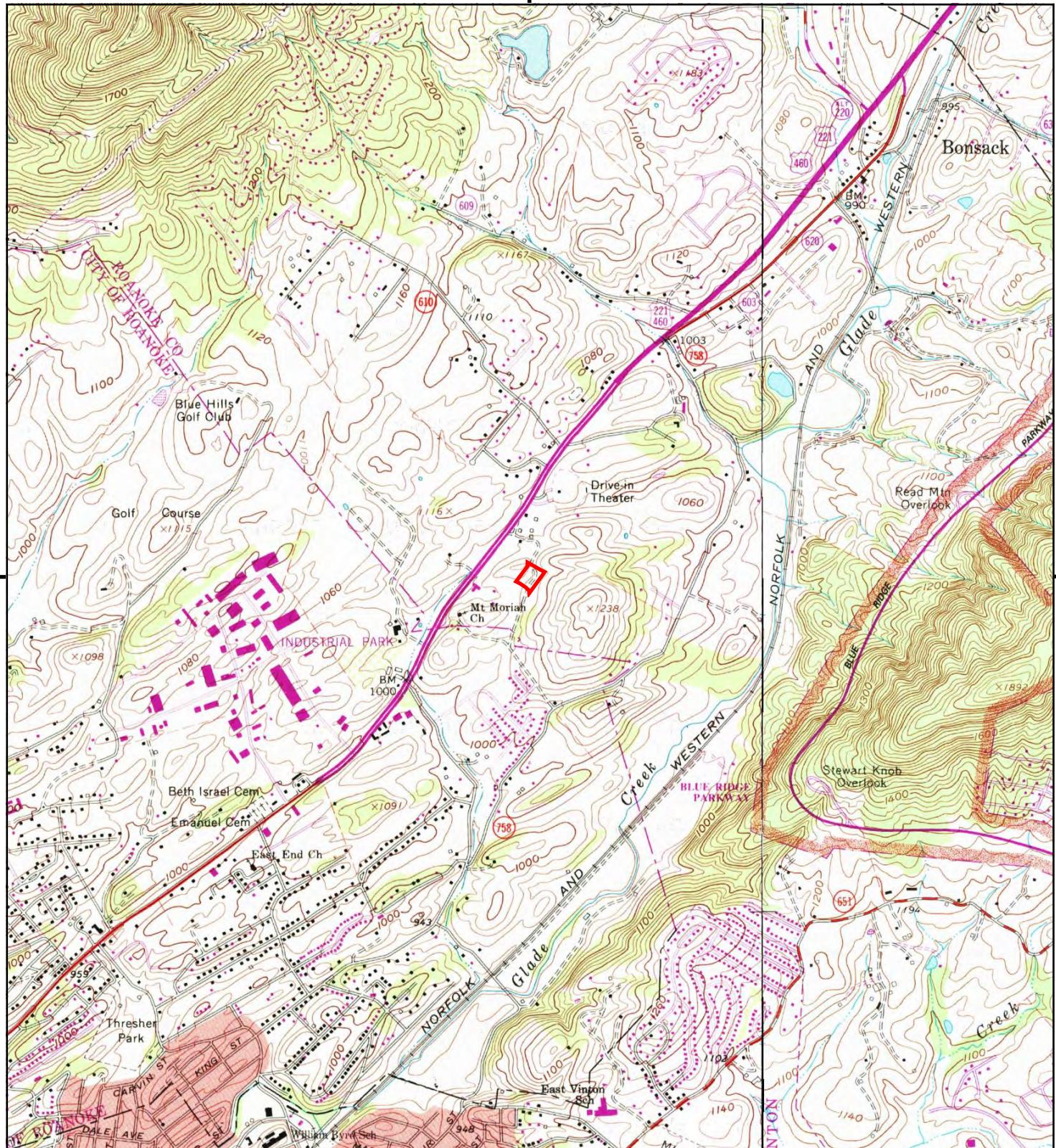
TP, Roanoke, 2013, 7.5-minute
E, Stewartsville, 2013, 7.5-minute

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC

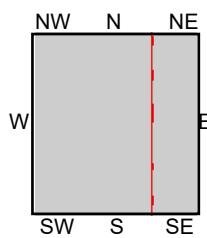


Historical Topo Map

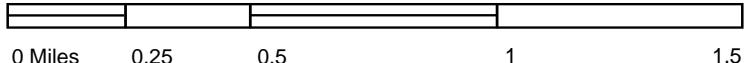
1984



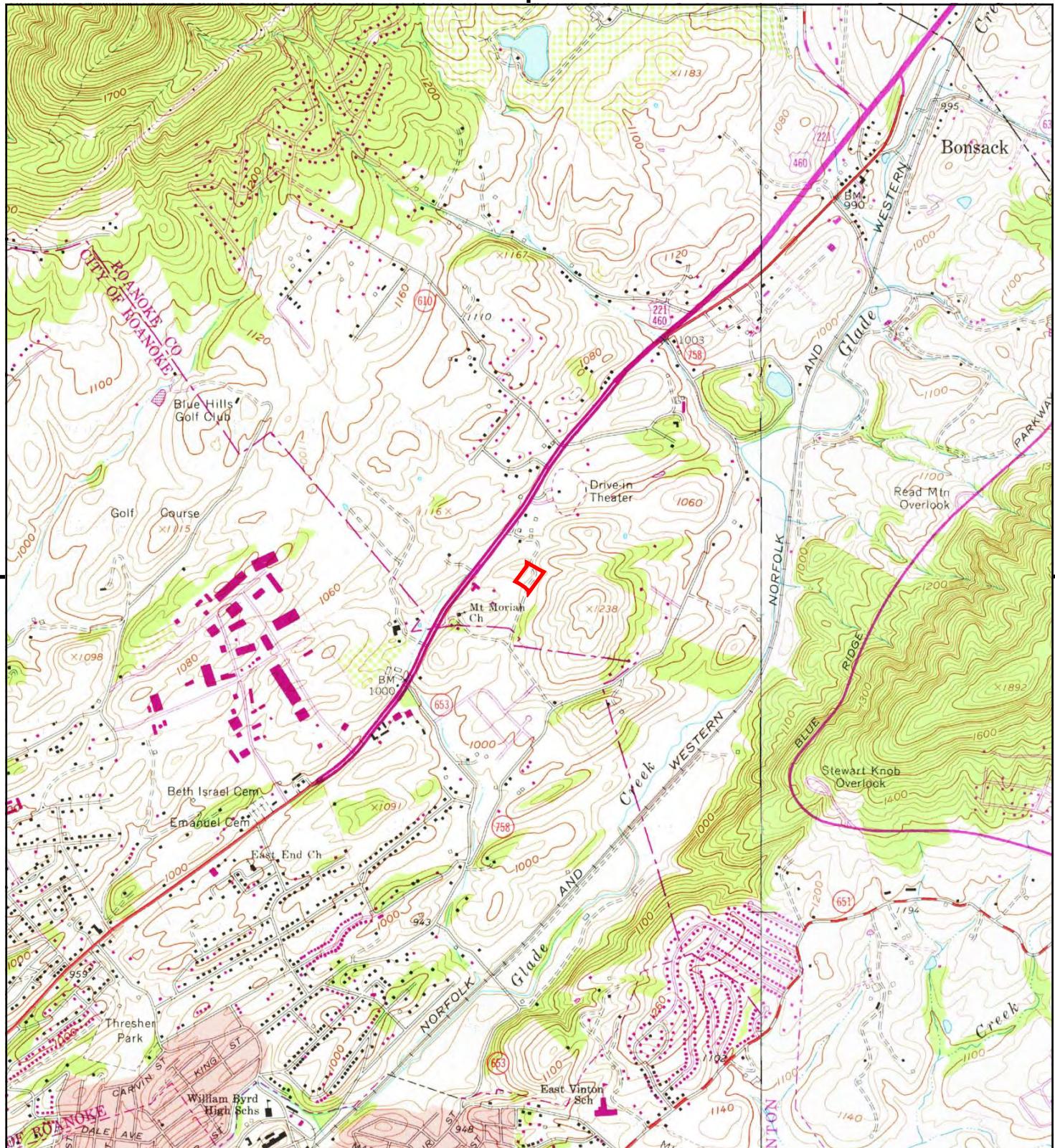
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E, Stewartsville, 1984, 7.5-minute

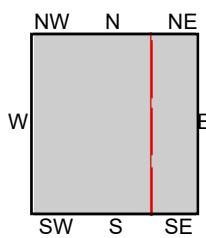


SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



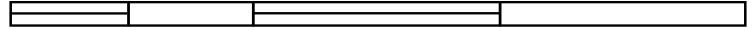
TP, Roanoke, 1978, 7.5-minute
E, Stewartsville, 1978, 7.5-minute

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC

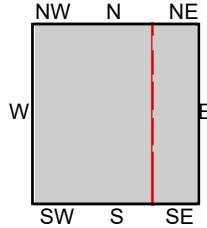




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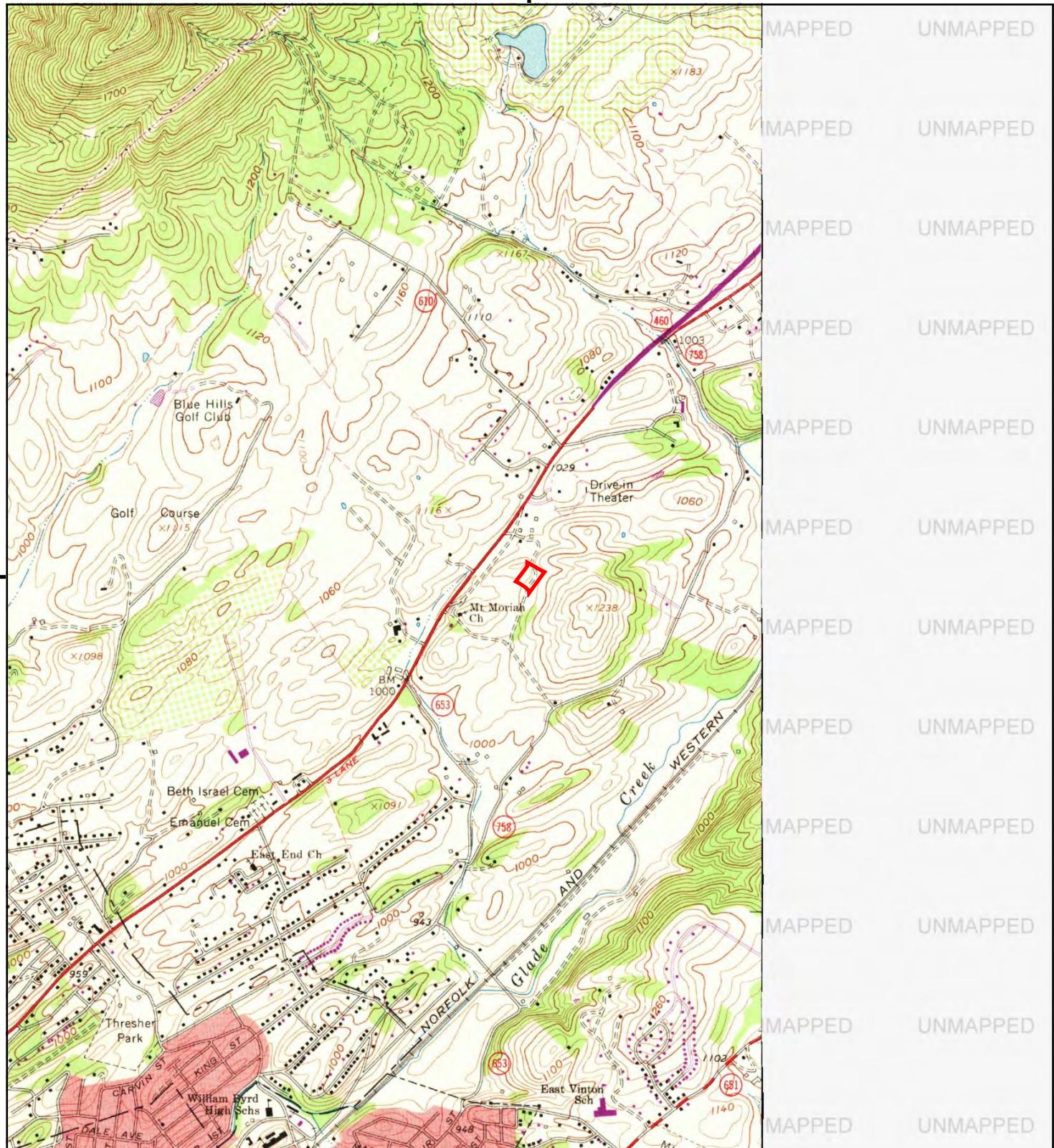
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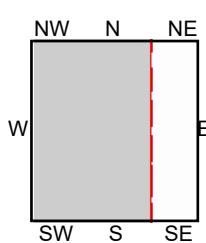
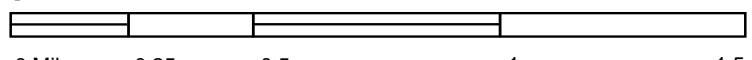
TP, Roanoke, 1977, 7.5-minute
E, Stewartsville, 1977, 7.5-minute

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





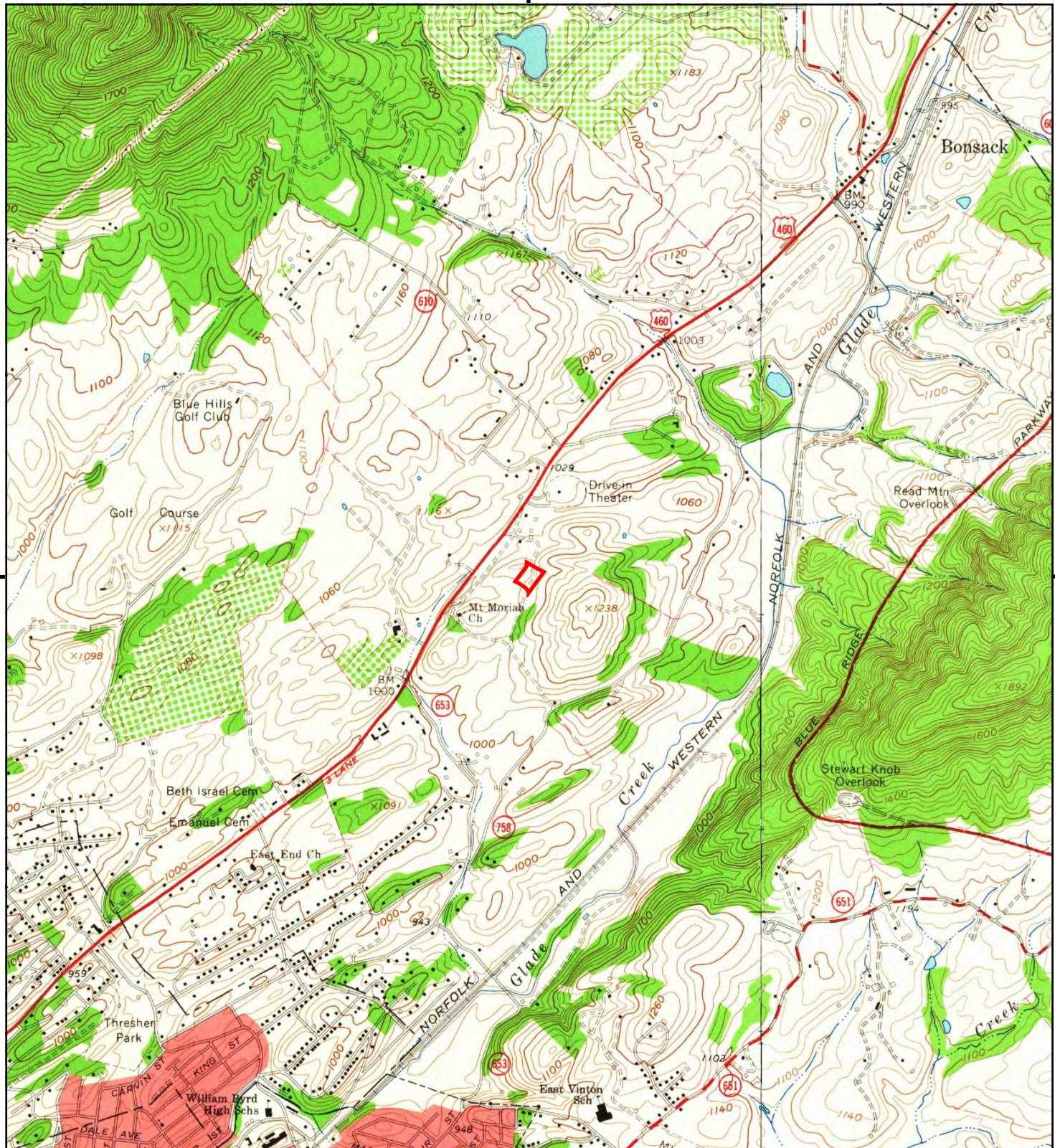
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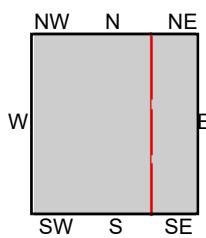
SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
 Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

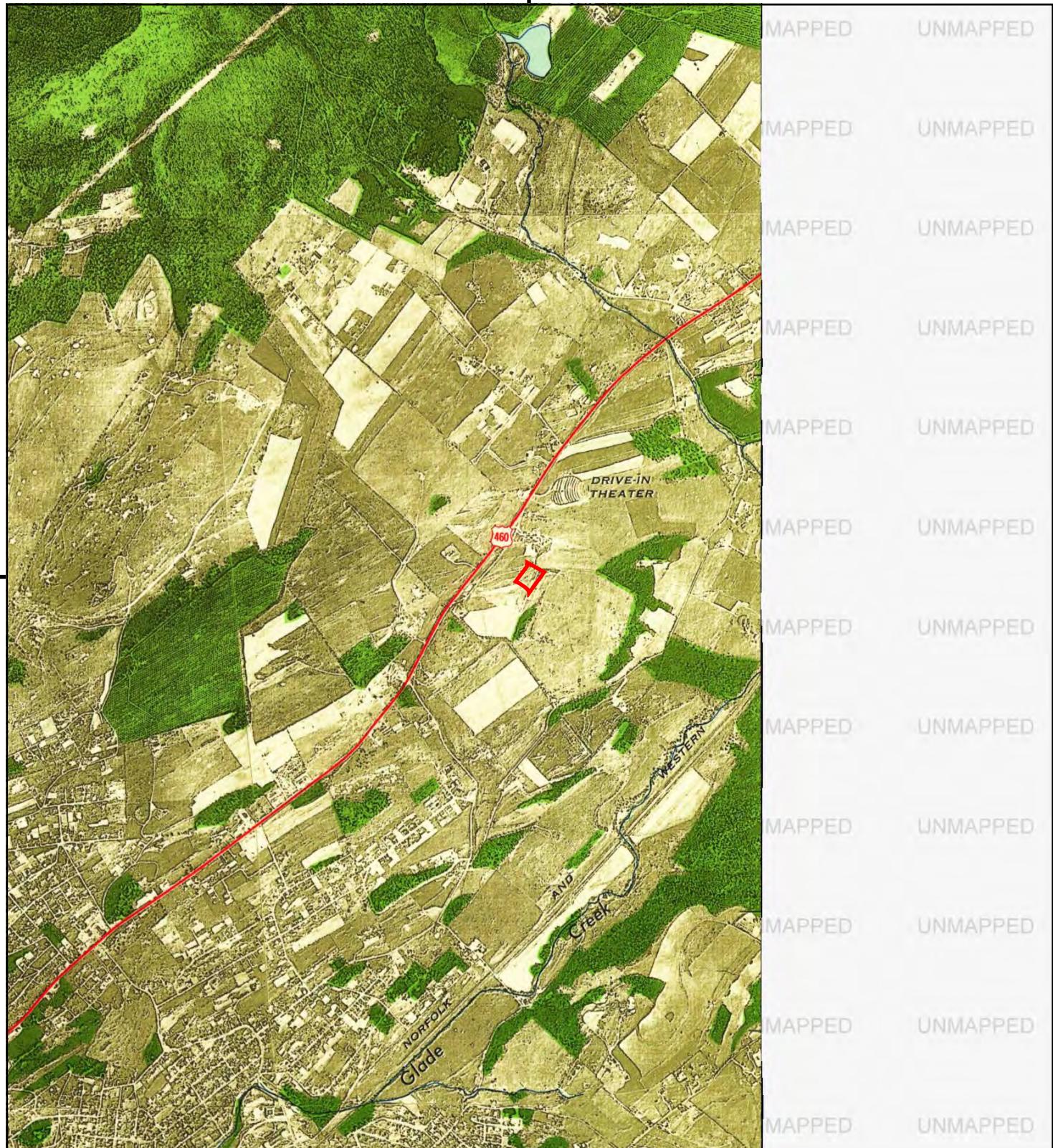
0 Miles 0.25 0.5 1 1.5



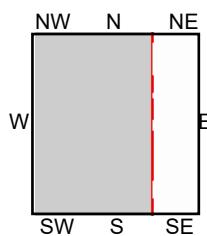
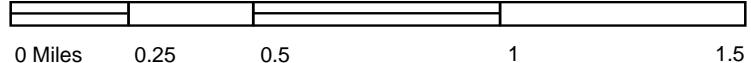
TP, Roanoke, 1963, 7.5-minute
E, Stewartsville, 1963, 7.5-minute

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





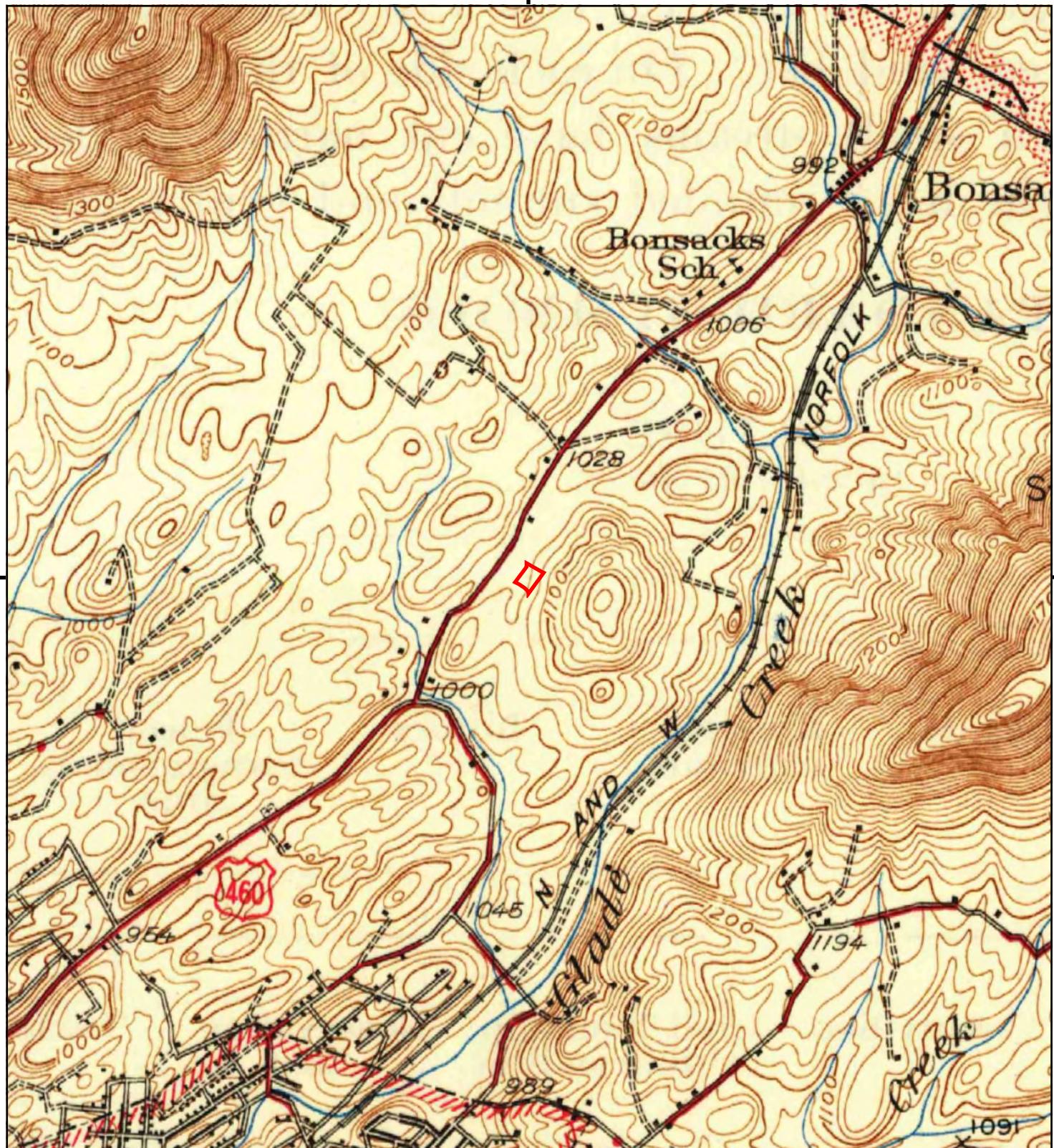
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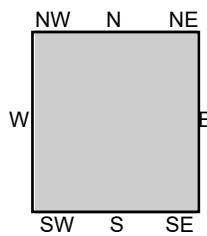
SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

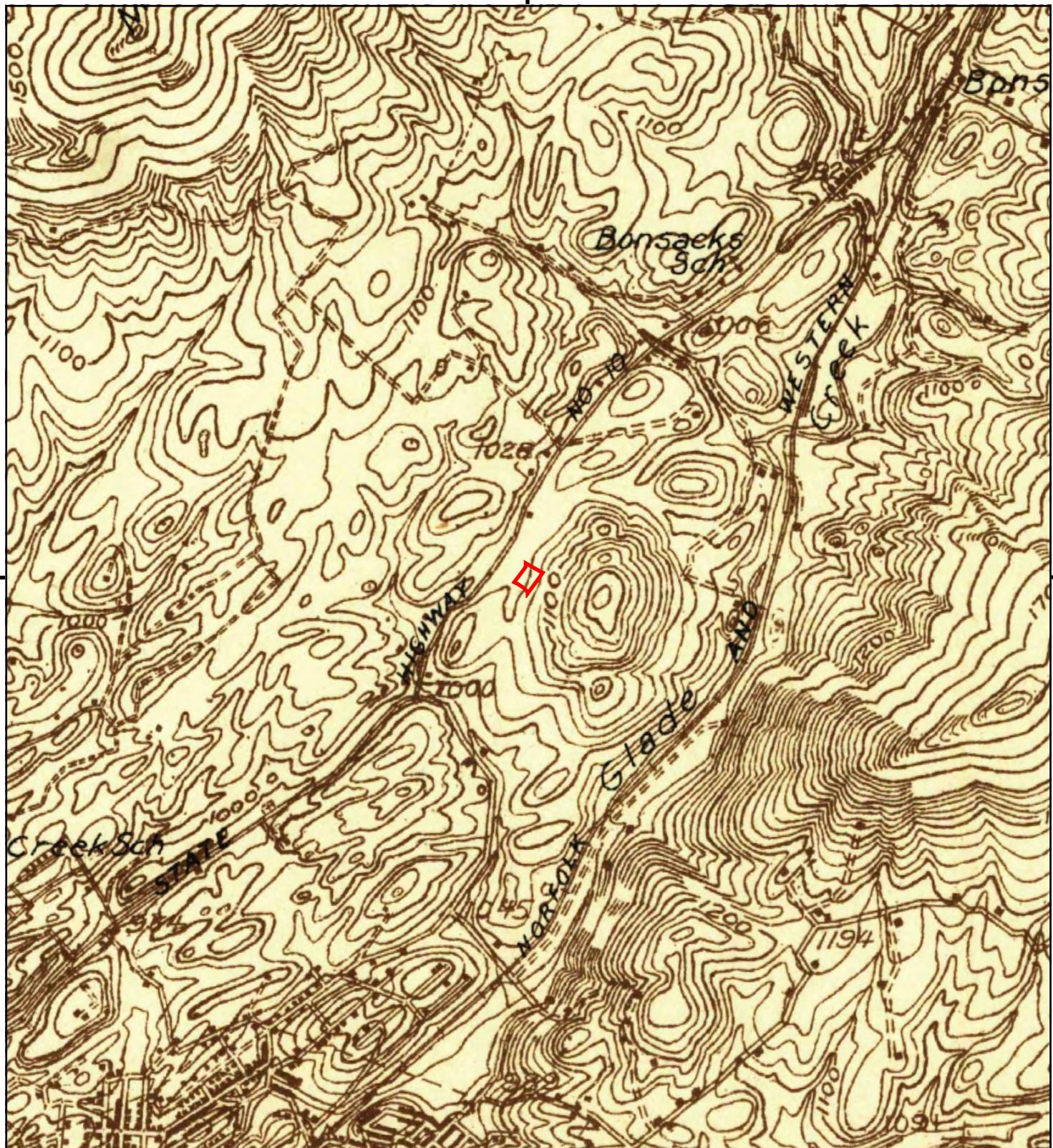
0 Miles 0.25 0.5 1 1.5



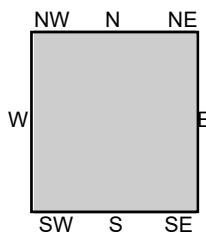
TP, Roanoke, 1933, 15-minute

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

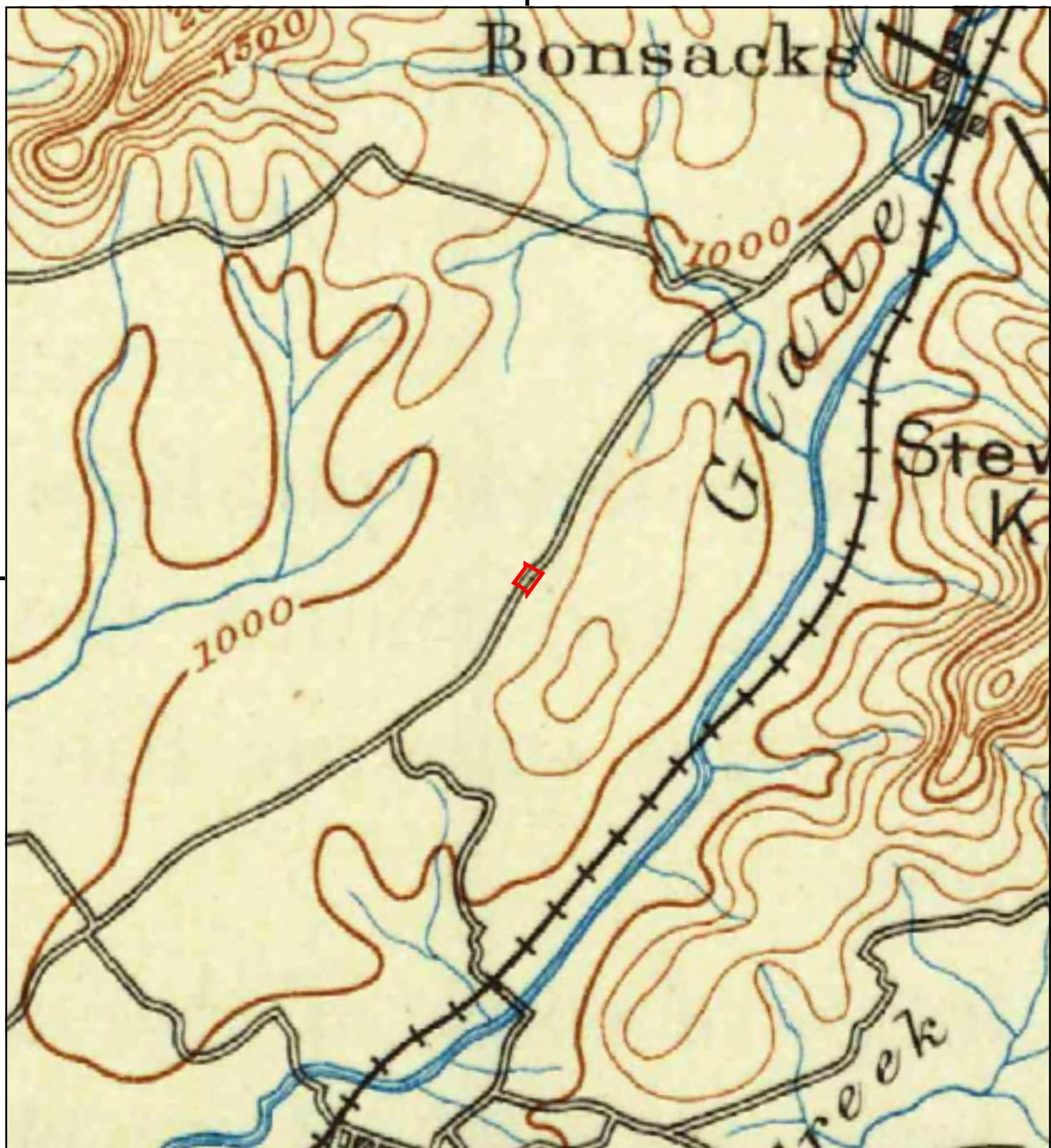


TP, Roanoke, 1929, 15-minute

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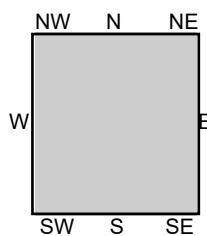
SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

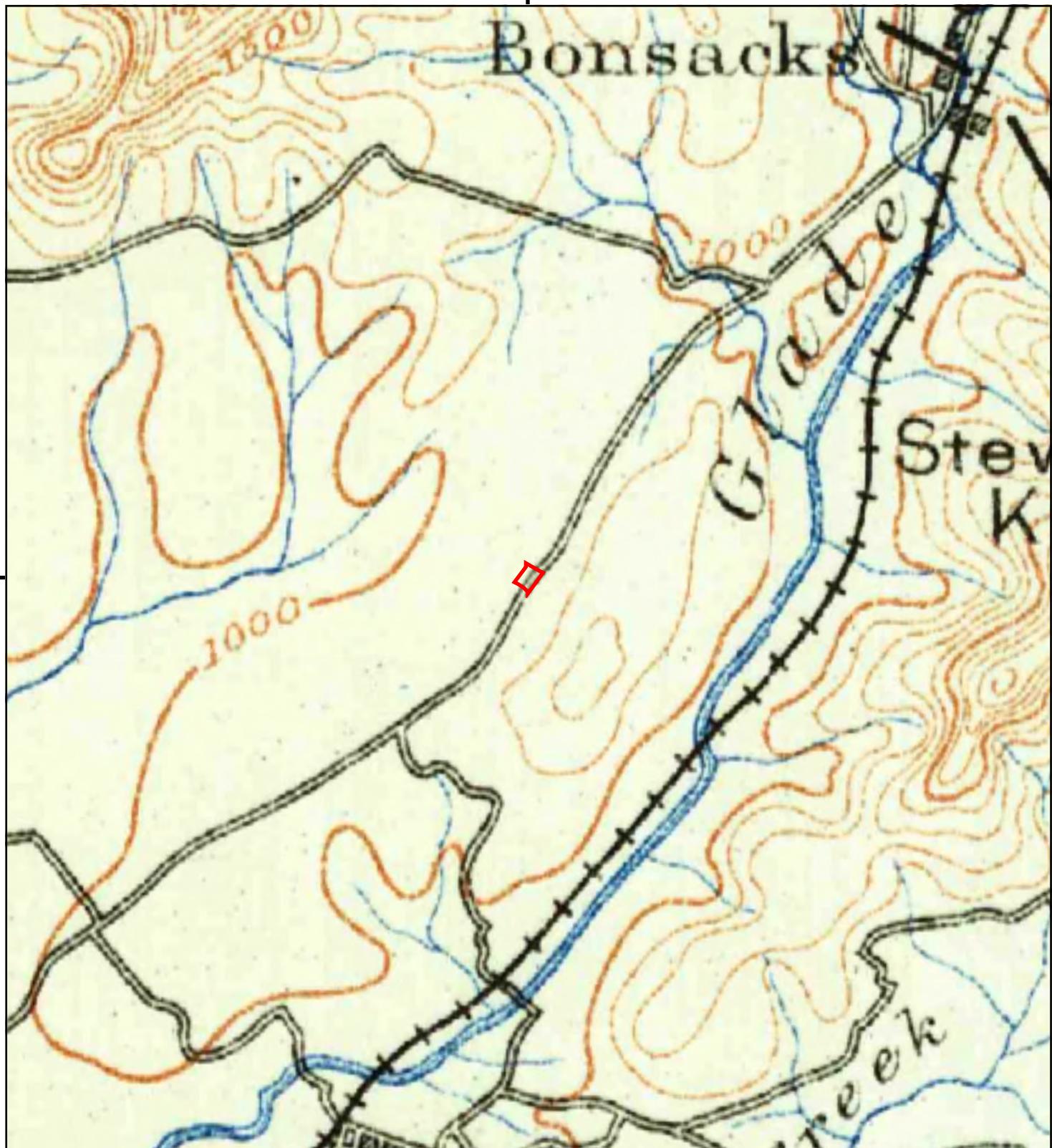
0 Miles 0.25 0.5 1 1.5



TP, Bedford, 1891, 30-minute
TP, Roanoke, 1891, 30-minute

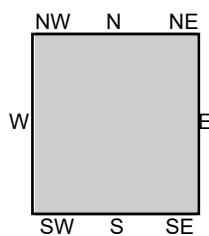
SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC





This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Roanoke, 1890, 30-minute

SITE NAME: New Bonsack / 460 Fire Station
ADDRESS: 3645 Orange Avenue
Roanoke, VA 24012
CLIENT: ECS Mid Atlantic, LLC



New Bonsack / 460 Fire Station

3645 Orange Avenue
Roanoke, VA 24012

Inquiry Number: 6949527.10
April 25, 2022

The EDR-City Directory Image Report

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SECTION

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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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Data by



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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>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1989	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1984	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1979	<input type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1974	<input type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1969	<input type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1964	<input type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co

FINDINGS

TARGET PROPERTY STREET

3645 Orange Avenue
Roanoke, VA 24012

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

ORANGE AVE NE

2017	pg A2	EDR Digital Archive	
2014	pg A4	EDR Digital Archive	
2010	pg A6	EDR Digital Archive	
2005	pg A8	EDR Digital Archive	
2000	pg A10	EDR Digital Archive	
1995	pg A12	EDR Digital Archive	
1992	pg A14	EDR Digital Archive	
1989	pg A15	POLK DIRECTORY CO	
1984	pg A16	POLK DIRECTORY CO	
1979	-	Hill Directory Co	Target and Adjoining not listed in Source
1974	-	Hill Directory Co	Target and Adjoining not listed in Source
1969	-	Hill Directory Co	Target and Adjoining not listed in Source
1964	-	Hill Directory Co	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

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

MEXICO WAY NE

2017	pg. A1	EDR Digital Archive	
2014	pg. A3	EDR Digital Archive	
2010	pg. A5	EDR Digital Archive	
2005	pg. A7	EDR Digital Archive	
2000	pg. A9	EDR Digital Archive	
1995	pg. A11	EDR Digital Archive	
1992	-	EDR Digital Archive	Street not listed in Source
1989	-	POLK DIRECTORY CO	Street not listed in Source
1984	-	POLK DIRECTORY CO	Street not listed in Source
1979	-	Hill Directory Co	Street not listed in Source
1974	-	Hill Directory Co	Street not listed in Source
1969	-	Hill Directory Co	Street not listed in Source
1964	-	Hill Directory Co	Street not listed in Source

City Directory Images

MEXICO WAY NE 2017

1445 MEMBERONE FCU 460 BRANCH
1454 LUCAS THERAPIES
1455 AIRGAS

ORANGE AVE NE 2017

3042 WATERWORKS OF ROANOKE
3239 460 APPLIANCE CENTER
ANDREWS HOME FURNISHING
MOONS AUTO BODY
3315 BUDGET INN EXPRESS
3345 GRACE & TRUTH BAPTIST CHURCH
3348 APPLE MARKET
3353 ATLANTIC CREDIT & FINANCE INC
3401 KFC
3402 MCDONALDS
MKG ENTERPRISES
3406 RANCH DRESSINGS
ROCKFAB KITCHEN & BATH
3410 WOODY'S SUSHI
3418 GOODWILL ORANGE AVENUE
3419 KROGER
MATRIX NAILS
WALMART NEIGHBORHOOD MARKET
WALMART PHARMACY
3420 KEMBEL TAX SERVICE
PHO SAIGON
3424 DIMENSIONS DINE & DANCE
PUMP IT UP
3425 RESCUE MISSION
3428 NAILS & TOES SALON
3429 DENNYS
3430 RAINBOW CLEANERS
3432 MISHAP GAMES
3433 AT&T
AT&T AUTHORIZED RETAILER
HIBACHI GRILL EXPRESS
JETR LLC
PLANET FITNESS
SUPERCUTS
3434 KEMBEL TAX SERVICE
3436 BRATCHERS ICE CREAM
3442 WELLS FARGO BANK
3458 BB&T
3518 EL RODEO
3530 BURGER KING
3541 GRACE & TRUTH BAPTIST CHURCH
3545 GRACE & TRUTH BAPTIST CHURCH
3548 GREGORY P SKINNER DDS PC
3555 WENDY'S
3565 VIRGINIA FIRST MORTGAGE
3645 PARKWAY WESLEYAN CHURCH INC
3675 FLOWERS & THINGS

MEXICO WAY NE 2014

1445 MEMBERONE FCU 460 BRANCH
1454 THERAPIES LUCAS
1455 AIRGAS

ORANGE AVE NE 2014

3042 WATERWORKS OF ROANOKE
3046 ROCKFAB KITCHEN & BATH
3239 460 APPLIANCE CENTER
3348 APPLE MARKET
3353 ATLANTIC CREDIT & FINANCE INC
3401 KFC
KFC ROANOKE
3402 MCDONALDS
THE GLEBE
3406 COMMERCIAL SOLID SURFACING
ROCKFAB
ROCKFAB CUSTOM GRANITE & MARBLE
ROCKFAB KITCHEN & BATH
3418 GOODWILL ORANGE AVENUE
3419 KING STREET PROPERTYROANOKE LLC
MATRIX NAILS
3420 PHO SAIGON
3428 NAILS & TOES SALON
3429 DENNYS
3430 RAINBOW CLEANERS
3432 COMMONWEALTH COLLECTABLES LLC
3434 KEMBEL TAX SERVICE
3436 BRATCHERS ICE CREAM
3442 WELLS FARGO
WELLS FARGO BANK
3458 BB&T
3518 EL RODEO
EL RODEO EL TOREO
3530 BURGER KING
3538 MONRO MUFFLER BRAKE & SERVICE
3541 GRACE & TRUTH BAPTIST CHURCH
3545 OCCUPANT UNKNOWN,
3548 SKINNER GREGORY P DDS
3555 WENDYS
3565 SUNTRUST
VIRGINIA FIRST MORTGAGE
3675 FLOWERS & THINGS

MEXICO WAY NE 2010

1445 MEMBER ONE FEDERAL CREDIT
1454 LUCAS THERAPIES
1455 AIRGAS MID AMERICA

ORANGE AVE NE 2010

3042 WATERWORKS POOLS SPASOUTDOORS
3239 460 APPLIANCE CTR
3315 BUDGET INN
3348 APPLE MARKET CONVENIENCE STORE
3353 JOHN P FRYE LAW OFFICE
LITTON NETWORK ACCESS SYSTS
3401 KFC
3402 MC DONALDS
3406 BENTECH
CY ACQUISITION CORP
ROCKFAB
ROCKFAB KITCHEN & BATH
3418 ORANGE AVENUE GOODWILL
3419 MATRIX NAILS
3420 KEMBEL FINANCIAL SVC
3423 DOMINOS PIZZA
3424 CARIBBEAN TAN INC
LAFINCA BAR & GRILL
PUMP IT UP
3425 CVS PHARMACY
3428 A CUT ABOVE
3429 DENNYS
3430 RAINBOW CLEANERS
3432 ADVANCE AMERICA
3434 KEMBEL TAX SVC
3436 BRATCHERS ICE CREAM PARLOR
3442 WACHOVIA BANK
3458 BB&T
3518 EL RODEO MEXICAN RESTAURANT
3530 BURGER KING
3538 MONRO MUFFLER BRAKE & SVC
3541 GRACE & TRUTH BAPTIST CHURCH
3542 SLEEP ESSENTIALS
3545 FRYAR, JEREMY
3548 SKINNER GREGORY P DDS
3555 WENDYS
3565 SUN TRUST BANK
3645 PARKWAY WESLEYAN CHURCH
3675 FLOWERS & THINGS

MEXICO WAY NE 2005

1455 AIR GAS INC
AIR GAS MID AMERICA

ORANGE AVE NE 2005

3042 WATERWORKS OF ROANOKE INC
3239 460 APPLIANCE CENTER
CHITTUMS TV SERVICE
3348 AMOCO FOODSHOP
APPLE MARKET 403
3351 THE LAW OFFICE OF JOHN P FRYE PC
3353 ATLANTIC CREDIT & FINANCE INC
3401 KENTUCKY FRIED CHICKEN
KFC
3406 CY ACQUISITION CORP
LOWES HOME IMPROVEMENT WHSE
3412 KIMS NAIL
3419 DON, HODSON
KROGER AT 460
KROGER PHARMACY # 287
MATRIX NAILS
VOGUE CLEANERS & LAUNDRY INC
3421 SUBWAY SANDWICHES & SALADS
3422 SCRAPBOOKS GALORE & MORE
3423 DOMINOS PIZZA
3424 MOONLIGHT BUFFET
3425 CVS
CVS PHARMACY # 7503
ROCK CREEK MULCH
3428 SHOWTIME VIDEO
3432 ADVANCED AMERICA CASH ADVANCED CENTE
3434 VA DEPT ALCOHOLIC BEV CONTROL
3458 FIRST VIRGINIA BANK SOUTHWEST
3518 WESTERN SIZZLIN RESTAURANT
3530 SLOAN
3538 MONRO MUFFLER BRAKE INC
3541 GRACE & TRUTH BAPTIST CHURCH
3545 FRYAR, FRED F
3555 WENDYS OLD FASHIONED HAMBURGER
3565 NATIONAL BANK OF COMMERCE
3645 KODIAK CONSTRUCTORS INC
3659 GISH, E

MEXICO WAY NE 2000

1454 AMERICAN GENERAL LIFE & ACCIDENT INSURANCE COMPANY
INTERSTATE MUTUAL FIRE INS COMPANY

1455 INDUSTRIAL GAS & SUPPLY COMPANY INCORPORATED

ORANGE AVE NE 2000

3042 ROANOKE GRAVELY SALES
3239 COOKS AUTOBODY REPAIRS
GARYS PAINT BY
3348 AMOCO FOODSHOP 403
3353 LITTON NETWORK ACCESS SYSTEMS
NETWORK ACCESS SYSTEMS LITTON
3401 KENTUCKY FRIED CHICKEN
3402 MCDONALDS RESTAURANTS
3406 CONTRACTOR YARD INCORPORATED THE
3412 SHOWTIME VIDEO
3418 FAMILY DOLLAR STORES
3419 NBC BANK
VOGUE CLEANERS & LAUNDRY
WESTERN UNION ROANOKE
3420 EDWARDS SALON PRODUCTIONS
3421 SUBWAY SANDWICHES & SALADS
3423 DOMINOS PIZZA
3425 REVCO DRUG STORES
ROCK CREEK MULCH
3429 DENNYS RESTAURANT
3442 FIRST UNION 563 7000
3530 BURGER KING REST
3538 MONRO MUFFLER BRAKE
3541 GRACE & TRUTH BAPTIST CHURC
3542 GETTYS RAJ MART
3545 FRYAR, FRED
3548 BOONE & COMPANY REALTORS
LAYMAN JANIE S REAL ESTATE
SKINNER GREGORY P DDS
3555 WENDYS OLD FASHIONED HAMBURGERS
3565 WACHOVIA OFFICES
3639 GISH, E L
3645 PARKWAY FOOD BANK
3659 GISH, GEORGE
MCDANIEL, RANDALL E
3675 FLOWERS & THINGS
THORNE JEAN DSGNR

MEXICO WAY NE 1995

1454 AMERICAN GENERAL LIFE
1455 INDUSTRIAL GAS & SUPPLY CO

ORANGE AVE NE 1995

3042 ROANOKE GRAVELY SALES
3210 MORRIS, KAREN R
3239 CHALLENGER MOTORS
COOKS AUTOBODY REPAIRS
OCCUPANT UNKNOWNNN
SUN RAY VIDEO
TOMMYS COLLECTORS WORLD
3315 BLUE RIDGE MOTEL
PATEL, D
3348 AMOCO FOOD SHOP
3353 FIBER COM INC
NET EDGE
3401 KFC CORP
3402 MC DONALDS
3406 LOWES
3407 LINDA S WILHELM
3416 LITTLE CAESARS PIZZA
3418 SUPERX DRUG STORE
SUPERX DRUGS ROANOKE
3419 KROGER FOOD STORES
VOGUE CLEANERS & LAUNDRY
WESTERN UNION
3420 EDWARDS SALON PRODUCTIONS
3422 BOX OFFICE VIDEO
3424 FOOD LION INC
3425 REVCO DISCOUNT DRUG CTR
3430 AIR LEE CLEANERS INC
3432 DYER PAINT & WALLPAPER
REGINALD L DYER CUSTOM PAINT
3434 BOB BODINE
3442 FIRST UNION NATIONAL BANK
3530 BURGER KING
3538 MONRO MUFFLER BRAKE INC
3541 GRACE & TRUTH BAPTIST CHURCH
OCCUPANT UNKNOWNNN
3542 UNI MARTS INC
3545 PUGH, GEORGE R
3548 ANNE H HUFFMAN
BELINDA WEST
BOONE & CO
CHRIS KIDD
DIANNE FITZGERALD
DON HILL
DORIS EDWARDS
HUFFMAN, ANNE
ILSE MARIE MORGAN
J LUTHER BURKHOLDER
JANIE S CHEWNING
JANIE S LAYMAN
LUTHER BURKHOLDER

ORANGE AVE NE 1995 (Cont'd)

3548 MARK WOLFORD
PAULA TOLLEY
PETE WOOD
SHIRLEY FAIRCHILD
TOMMY WAGNER
WANDA RICHARDS
3565 CENTRAL FIDELITY BANK
3645 COMMUNICATIONS RESEARCH INC
MEXITRONICS
MEXTYPE CORD
OCCUPANT UNKNOWNNN
3659 GISH, E L
SMITH, C S
3675 FLOWERS & THINGS

ORANGE AVE NE 1992

3042 ROANOKE GRAVELY SLS
3239 CAR ENTERPRISES INC
DALTON'S DETAIL SHOP
3315 BLUE RIDGE MOTEL
PATEL, I D
3348 460 AMOCO FOODSHOP
3353 FIBERCOM INC
3401 KENTUCKY FRIED CHICKEN
3402 MCDONALD'S HAMBRGRS
3406 LOWE'S
LOWE'S-CONTR SALES
3407 CRESTAR BANK 460 EAST BRANCH
3412 VALLEY VIDEO
3414 KEN'S TRAINS
TAX DEPOT THE
3418 SUPERRX DRUGS ROANOKE
3419 SAM'S CLEANERS
WESTERN UNION CONSUMER SERVICES
3420 EDWARDS SALON PRODTNS
3425 GREENHOUSE THE
REVCO DRUG STORE ROANOKE
3432 DYER PAINT & WALLPAPER
DYER REGINALD L CUSTOM PAINTING &
3434 ST ABC DEPT MARKET SQ EAST SHOP
3442 DOMINION BANK FOUR-SIXTY BR OFC
3518 PONDEROSA STEAK HOUSE
3530 BURGER KING REST #7
3538 460 POOLS
CLARK HOME SALES
3541 BRYANT, DARRYL A
GRACE & TRUTH BAPTIST CHURCH
3542 GETTYMART INC ROANOKE STORE
3548 BOONE & COMPANY 460 E OFFICE
BURKHOLDER LUTHER REAL ESTATE
CHEWNING JANIE S REAL ESTATE
EDWARDS DORIS RL EST
FAIRCHILD SHIRLEY REAL ESTATE
HILL DONALD L RL EST
HUFFMAN ANNE H RL EST
LAYMAN JANIE S RL EST
RICHARDS WANDA RL EST
WOLFORD MARK A RL EST
3565 CENTRAL FIDELITY BANK EAST ROANOKE BR OFC
3645 COMMUNICATIONS RESEARCH CONSULTANTS
EWEN, JOEL J
MEXITRONICS
MEXITYPE CORD
3659 GISH, E L
SMITH, C S
3675 CARLTON, KELLY

ORANGE AVE NE 1989

3458 FIRST virginia Bank-Southwest 561-8796
3502 Clark Builder-Dealer Co Inc 342-7666
Model Home
3530 Burger King No 11 345-1981
3541 Grace & Truth Baptist Church 345-7173
Naff A Preston Rev Jr
3542 Hop-In Food Stores 985-0018
3548 Boone & Company Realtors 343-5800
3565 Central Fidelity Bank 983-8200

ORANGE AVE NE 1984

3450 FIRST VIRGINIA BANK 301-5150

3530 Burger King No 11 345-1981

3533 Vacant

3542 Hop-In Food Stores 985-0018

Food World Inc

Appendix V: Site Photographs



1 - General view of subject site



2 - Overview of subject property from northern corner



3 - Wooded area on northern portion of subject property



4 - Northern edge of subject property facing west



5 - Eastern edge of subject property facing west



6 - Southernmost portion of subject property facing north



7 - Southern edge of subject property facing east



8 - South portion of subject property facing northeast



9 - Center of subject property facing south



10 - Stormwater drainage ditch



11 - Center of subject property facing west



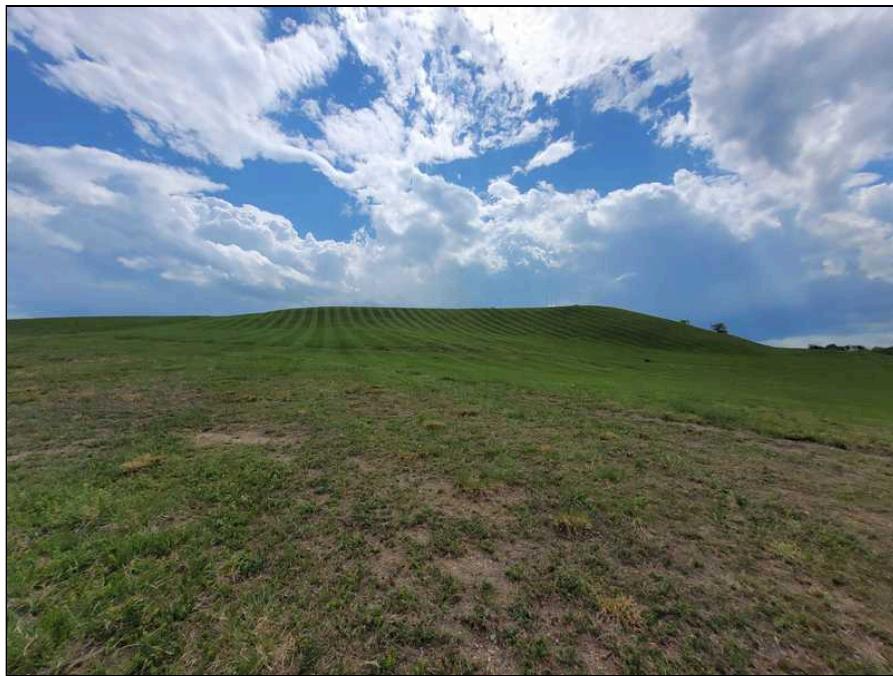
12 - Western edge of subject property facing southwest



13 - Adjoining property to the north



14 - Road along northern edge of subject property



15 - Adjoining property to the east



16 - Road and adjoining property south of subject property



17 - Adjoining property to the west

Appendix VI: Statement of Qualifications

Statement of Qualifications

2020

GUTS



CONSTRUCTION MATERIALS



INITIATIVE



FACILITIES



GEOTECHNICAL

RESILIENCE

ENVIRONMENTAL

TENACITY

COMPANY OVERVIEW



ABOUT OUR COMPANY

2,000
employees

65+
locations

30+
years' experience

Engineering Consulting Services (ECS) is one of the largest and most rapidly growing engineering and consulting companies in the US. Founded in 1988, ECS is a leader in geotechnical, environmental, construction materials and facilities engineering. We are currently ranked 69 in *Engineering News-Record's* Top 500 Design Firms (April 2020) and 52 in Zweig Group's 2020 Hot Firms (June 2020).

ECS CORE SERVICES

- Geotechnical
- Construction Materials
- Environmental
- Facilities

ECS FOOTPRINT

Whether your project requires local project management, specialty expertise or both, we have you covered. ECS provides the best of both worlds - the attention your projects deserve from our local team, coupled with abundant staffing and technical resources. With 2,000 employees, ECS has grown to more than 65 locations spread across the Mid-Atlantic, Midwest, Southeast and Southwest.

WHY ECS? WE HAVE GRIT.

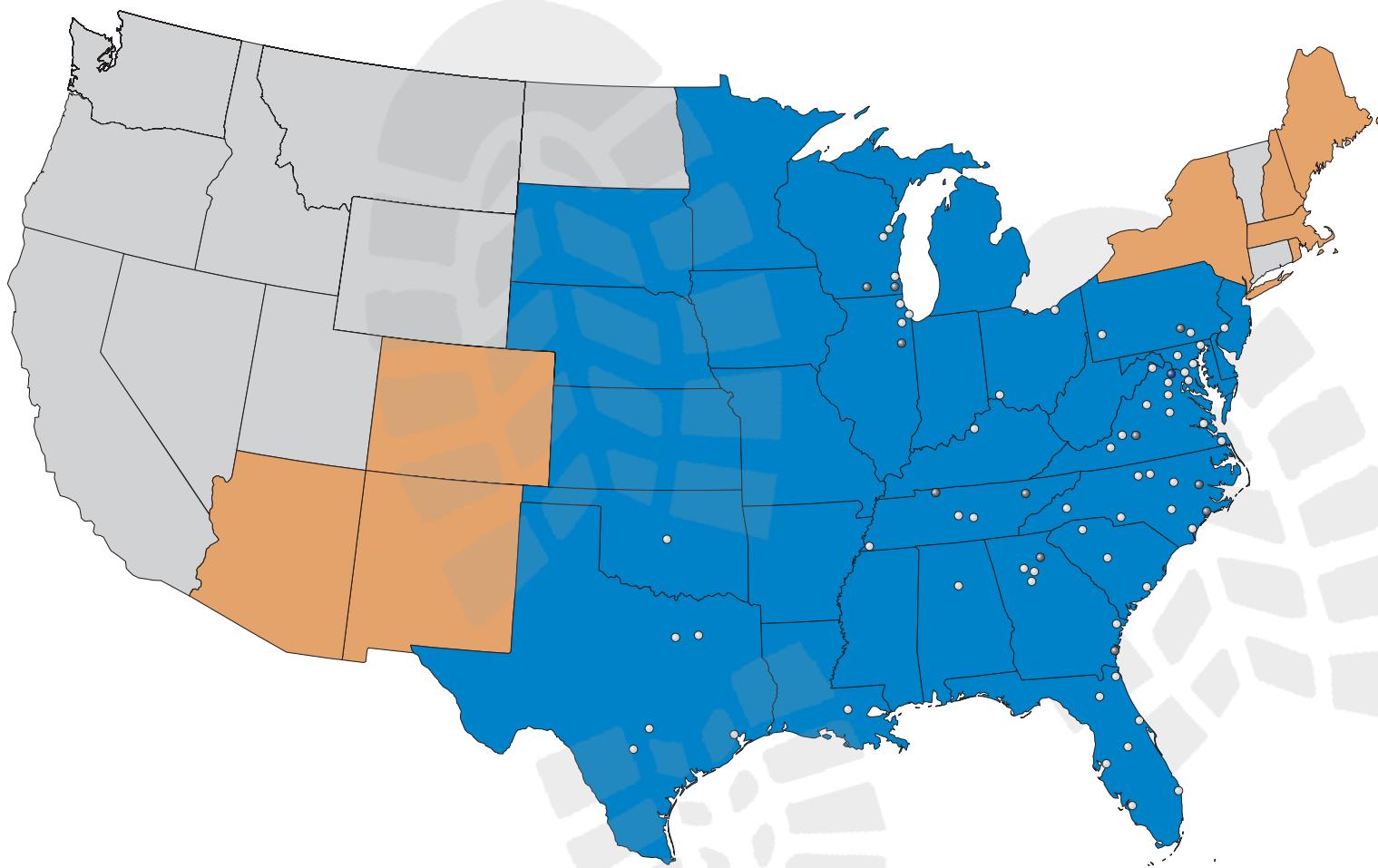
What does that mean for you? That one descriptive word defines our company culture. It sets just the right tone for what our clients can expect our team to deliver each and every day. At ECS, GRIT is made up of four characteristics: guts, resilience, initiative and tenacity. Our boots are made for working. Click [here](#) for an inside look at what we do, who we are and why we have GRIT.

As a culture of doers, we roll up our sleeves and use our skills to help solve problems. We hustle.



WHEREVER YOUR PROJECT TAKES YOU, ECS HAS...

BOOTS ON THE GROUND.



SERVICES KEY

- Environmental & Facilities
- Geotechnical, Environmental, Materials Testing & Facilities
- Geotechnical, Environmental & Facilities

OFFICES KEY

- Full Service Office
- Testing Services Only
- Corporate Headquarters

Materials Testing Service Area
is approximately a 75-mile
radius around each office.



DUE DILIGENCE



As part of typical commercial, industrial and residential real estate transactions, many services need to be completed prior to closing that should not be overlooked. ECS provides environmental and engineering due diligence services common to real estate transaction-driven work, including:

Environmental Due Diligence Services:

- Phase I Environmental Site Assessments (ESAs)
- Wetland and Stream Determination and Delineation Services
- Phase II Environmental Site Assessments (ESAs)
- Underground Storage Tank (UST) Assessments and Closures
- Environmental Transaction Screens (ETS)
- Regulatory Record Reviews
- HUD Assessments
- Endangered Species Assessments
- Historical and Cultural Surveys/Assessments
- Radon Assessment
- Asbestos Surveys and Abatement Design
- Lead-Based Paint Surveys and Abatement Design
- Microbial and Indoor Air Quality Assessments
- Vapor Intrusion Assessments
- Fannie Mae and Freddie Mac Assessments
- Contaminated soil management plans

Facilities Due Diligence Services:

- Accessibility Consulting
- Bank Draw Review
- Pre and Post Construction Surveys
- Property Condition Assessments (PCAs)
- Forensic Investigations
- GPR Surveys
- EIFS Services

Engineering Due Diligence Services:

- Subsurface Geotechnical Explorations
- Test Pit Evaluations
- Seismic Studies
- Cost estimating for construction
- Geologic Assessments

GARNETT B. WILLIAMS, PG
ECS MID-ATLANTIC, LLC

EDUCATION

Bachelor of Science, 1983
Geology
James Madison University

REGISTRATIONS

- Professional Geologist: VA

CERTIFICATIONS

- National Certification Program for Construction Code Inspectors
- Asbestos Inspector: VA
- Professional Wetland Delineator: VA
- e-Railsafe

MEMBERSHIPS

- Association of Groundwater Scientists and Engineers
- Virginia Association of Wetland Professionals

EXPERIENCE

Mr. Williams serves as senior environmental project manager for the Mid-Atlantic region. Responsibilities include coordinating and preparing Phase I/Phase II Environmental Site Assessments, facility audits, environmental site characterization studies, remediation feasibility studies, coordinating and implementation of corrective action plans and contaminant remediation efforts, and wetlands delineation studies, and associated environmental permitting. Mr. Williams has worked on numerous VDEQ State Lead projects since 2004 involving both petroleum and hazardous substance/waste impacted properties.

PROJECT EXPERIENCE

Blue Ridge Community College, Weyers Cave, VA - This project consisted of an emergency response mold assessment and final clearance sampling and screening following a catastrophic release of water, when a thrust joint failed on a 10-inch diameter gravity water line inside the mechanical room. The amount of water released was unknown but a substantial area of the first floor was flooded by the incident. The bulk of the impact occurred to gypsum drywall and limited areas of the wood sub-floor in the theater. Dispatched a remediation subcontractor to the site to deploy drying fans and large commercial de-humidifiers, used a FLIR Systems ThermaCAM to perform nondestructive scanning, and obtained moisture readings using a Protimeter Moisture Measuring System.

Bohler-Uddeholm, New Boston, VA - This project consists of environmental services for a former hazardous waste management unit operating under a Resource Conservation and Recovery Act Post-Closure Care Permit, and a recently identified former hazardous waste management unit undergoing investigation for potential inclusion in the existing permit at the site. Conducting semi-annual and quarterly groundwater monitoring, providing statistical analysis and reporting, coordinating and submitting reports to the Virginia Department of Environmental Quality office, preparing a permit application for renewal of the existing 30-year Post-Closure Care Permit, conducting soil and groundwater sampling, installing groundwater monitoring wells, conducting an annual review, and preparing a Spill Prevention Control and Countermeasure Plan.

Former Star City Lumber, Roanoke, VA - This project consisted of environmental services for four buildings located in a commercial/industrial area identified as first being developed as part

of the Johnson Carpet Furniture Company in 1947 with buildings being added and subtracted from the property for many years. The site was also identified as part of the Singer Furniture facility from at least 1947 to at least 2000. The Singer facility is listed at a leaking underground storage tank, a registered storage tank, and Voluntary Remediation Program listed facility. Evaluated the probability of impact to the surface water, groundwater and/or soils within the property boundaries, evaluated historical land usage to identify previous conditions, evaluated the potential for on-site and off-site contamination, conducted a Phase I Environmental Site Assessment, and provided engineering controls or appropriate placement and treatment of soils during construction.

Fort Rucker, Small Arms Ranges, Washington, DC - This project consisted of environmental services to support the U.S. Army Environmental Center in a demonstration of small arms range berm improvement technologies, to eliminate or minimize metal contamination of soil and surface water, and enable recovery of lead from spent rounds. Developed a technical sampling plan, performed site characterization studies, collected data to evaluate berm stabilization and metal containment technologies, implemented and studied engineering and environmental design controls, designed and constructed a prototypical range and berm, and installed permanent Isco stormwater samplers in the re-constructed range floor and sedimentation basin outlets.

Handley High School Additions and Renovations, Winchester, VA - This project consisted of additions and renovations to the existing 80-year-old structure to update the existing facilities and to provide additional space for classrooms, offices and activities. Conducted inspections for the presence and abatement oversight of hazardous materials, provided construction material testing and inspection services, performed laboratory tests, analyzed the field and laboratory data to develop engineering recommendations, and provided testing and observation services during construction.

Korean Orthodox Presbyterian Church, Herndon, VA - This project consisted of environmental services for a building constructed in 1965, originally used as a two-story warehouse building designed for research. The Korean Orthodox Presbyterian Church purchased the property to provide church services to the Korean and English speaking community. Conducted an asbestos and lead-based paint survey of the building, and prepared an Operations and Maintenance Plan for the asbestos-containing materials identified at the site.

Oxhampton Estates, Lorton, VA - This project consisted of environmental services on a private shotgun and small arms range previously used for recreational shooting for over 30 years. A single station shotgun trap field and a two-lane rifle/pistol range with an earthen backstop were identified on the property. Collected soil and sediment samples using hand augers and analyzed for total and

leachable concentrations of metals, determined where concentrations of lead exceeding residential screening levels had accumulated based on the distribution of lead shot fall-out from the trap range, determined which areas of the site required mixing and burial or offsite disposal of lead-impacted soils.

Port Republic Road, Harrisonburg, VA - This project consisted of a road widening to four, 12-foot lanes with curbs and gutters, a 16-foot raised median, crossovers and turn lanes at all major intersections. Additional construction includes pedestrian and bicycle accommodations to include a multi-use path for bicycles and pedestrians on the east side of the road and a sidewalk on the west side of the road. Provided a subsurface investigation and conducted laboratory testing services to support engineering and design of pavements and structures.

Rockingham County Small Arms Range, Harrisonburg, VA - This project consisted of environmental services for a small arms municipal firing range adjacent to the Rockingham County Landfill to evaluate the concentration and distribution of lead in the backstop, range floor and runoff pathways. Prepared a site specific Health and Safety Plan, collected and analyzed soil, sediment, and groundwater samples for total and leachable concentrations of metals, estimated quantities of soil requiring excavation and treatment, completed an assessment of remedial technologies, performed oversight of the treatment process and final confirmation sampling, and transported treated soils to the adjacent municipal landfill and used as cap and cover materials.

Rockingham Memorial Hospital, Harrisonburg, VA - This project consisted of the construction of a proposed six-story, 575,000-square-foot hospital building. The new hospital will feature 238 beds, a rehabilitation/fitness center, a cancer center, a nature preserve, and state-of-the art medical technology. Currently, officials are working with a group from James Madison University to create a farm on the hospital's campus that would serve organic foods to the hospital and surrounding community. Performed a comprehensive geotechnical study, conducted a geophysical investigation for sinkhole assessment, conducted a Refraction Microtremor survey for seismic site classification, and performed construction testing and inspection for bulk earthwork operations, roads, utilities, and other infrastructure.

Root Property, Augusta County, VA - This project consisted of approximately 120 acres of undeveloped agricultural land for the construction of a large scale commercial development, associated parking lots, travel ways, emergency access, and utility corridors necessary for project completion. The project involved the disturbance of 0.23 acres of emergent wetlands and approximately 1,900-linear-feet of stream through grading, and building and road construction. Completed the wetland delineation, classification, and stream assessments of over one-mi of perennial and intermittent streams utilizing the Unified Stream Methodology, participated in the

design phase and project planning to minimize impacts to the maximum extent practicable, quantified the current functionality of the aquatic system, determine the impacts of the proposed project, and calculate the required compensatory mitigation requirements, and designed all aspects of stream restoration plan.

Russell Farm, Phase I Cultural Resources Survey, Loudoun County, VA - This project consisted of the development and implementation of a Phase I cultural resources survey of the 150-acre Russell Farm tract. The project involved historic architectural evaluation, the development of a field research model meeting the Virginia Department of Historical Resources guidelines, and completion of background and archival studies. Identified and recommended 11 previously unknown archaeological sites as ineligible for the NRHP, delineated the recorded archaeological sites, and evaluated and recommended the property as not eligible for the NRHP during Phase II.

Shenandoah Gas Line Extension, Middletown, VA - This project consisted of environmental services for an eight-inch, high-pressure, liquid, natural gas pipeline along the existing Washington Gas/Shenandoah Gas easement extending 4.5-miles from Middletown north to Stephens City, Virginia. The new installation impacted areas of federally regulated waters of the U.S. Army Corps of Engineers (USACE) at 17 locations identified as palustrine emergent (PEM) wetland areas, intermittent channels with fringe PEM wetlands, intermittent channels, and two perennial stream crossings. Performed wetland and stream bed delineation, historic and archeological surveys, and a threatened and endangered species assessment, and prepared the final permit application for submission to the U.S. Army Corps of Engineers and the Virginia Department of Environmental Quality.

Virginia School for the Deaf and Blind, Environmental, Staunton, VA - This project consisted of new construction and renovations to the Virginia School for the Deaf and Blind, a state agency owned by the Board of Education providing special education services. Performed a comprehensive Asbestos Hazard Emergency Response Act survey, conducted lead-based paint surveys following Housing and Urban Development guidelines, conducted a hazardous materials survey to include polychlorinated biphenyls and radon in light, electrical fixtures, and mercury switches, and prepared an Environmental Impact Report for the Department of General Services and Department of Energy review.

Virginia School for the Deaf and Blind, Environmental Impact Report, Staunton, VA - This project consisted of environmental services for 75 acres of land for the proposed construction and renovations for the Virginia School for the Deaf and Blind, a state agency owned by the Board of Education providing special education and related services to deaf and blind children. The consolidation of the two campuses will

consist of 21 buildings consisting of dorms, classrooms, maintenance and support facilities, and faculty/administrative offices. Completed an Environmental Impact Report following the "Procedures for Environmental Impact Review of Major State Facilities," and Section 708 of the "Construction and Professional Services Manual," and provided alternatives to the proposed construction, as the intended plan adversely affected the wildlife habitat and environment.

Virginia State Lead Program, Valley View Plaza, Penn Laird, VA - This project consisted of environmental services to evaluate alternate water supply scenarios to bring clean potable water to a former abandoned gasoline/service station now operating as an antique store called Valley View Plaza. Prepared an initial Corrective Action Plan, performed engineering studies to analyze a proposed waterline extension, provided recommendations to install a replacement well with sufficient distance from the plume, coordinated bid solicitation for drilling the well and final plumbing of the water line, and monitored installation of the replacement well.

Western State Hospital, Staunton, VA - This project consisted of a proposed 246-bed hospital with a gross floor area of approximately 330,000-square-feet to replace the existing hospital to the south. The building is a multi-story structure with slab-on-grade and includes a two-story central section with a large interior courtyard. Performed a wetland delineation, conducted a Phase IA archeological survey, review of threatened and endangered species, and a final habitat assessment, completed a geotechnical study, drilled and sampled soil test borings, performed rock coring, measured shallow water table elevations, and provided engineering recommendations pertaining to subsurface conditions, foundations, paved areas, construction of stormwater ponds, and general earthwork.

Winebrenner's Crossing Tract, Archaeological Survey, Martinsburg, WV - This project consisted of a Phase I Archaeological survey of 336 acres of land on the Winebrenner's Crossing tract located in the southern portion of Berkeley County. ECS conducted the survey on an expedited project schedule and concluded work within the prescribed budget. Performed shovel testing on land with medium to high probability of producing cultural resources, conducted archival research, which produced a number of maps with previously recorded archaeological sites and architectural resources near the project area, discovered six previously unrecorded archaeological sites and three previously unrecorded archaeological locations.

ALEXANDRA MOON

SENIOR ENVIRONMENTAL PROJECT MANAGER

CERTIFICATIONS

VA: Asbestos Inspector, Asbestos Management Planner, Asbestos Project Designer, Asbestos Project Monitor
NRSB Radon Measurement Specialist
Nuclear Gauge Operation

SKILLS

Hazardous Materials Surveys
Environmental Site Assessments
Noise Monitoring and Assessments
Storage Tank Removal
Site Characterization

EDUCATION

Bachelor of Science, 2005, Geology, Radford University, Radford, VA

YEARS OF EXPERIENCE

ECS: 14 Other: 0

PROFESSIONAL PROFILE

Ms. Moon serves as a Senior Environmental Project Manager in the Roanoke, Virginia office. Her responsibilities include asbestos surveys, lead-based paint screenings, radon sampling, and microbial assessments as well as Phase I Environmental Site Assessments; Soil, Groundwater and Vapor Assessments; and noise assessments. Additional responsibilities include project management, coordinating schedules, developing budgets, authoring proposals and writing remedial strategies and reports.

PROJECT EXPERIENCE

Proposed Florida Avenue Development, Lynchburg, VA – Senior Project Manager. This project consisted of the completion of a Phase I ESA and HUD Part 58 Form on a wooded lot located in Lynchburg, Virginia prior to the acquisition and development of the site for independent living for people with disabilities.

Undisclosed Solar Project Due Diligence (Various Sites), VA – Senior Project Manager: Ms. Moon provided oversight and portfolio management of a 17 site project that included Phase I ESAs, Wetland Delineation, and Threatened and Endangered species reviews. She also assisted with report writing and client management.

City of Danville On Call Services (Various Projects), VA – Senior Project Manager: This on call service consists of completing asbestos surveys on abandoned and derelict houses and small commercial properties located in the City of Danville. If friable asbestos is identified, also providing abatement specifications, monitoring during the asbestos abatement and clearance reporting after the asbestos is removed.

Cooper Crouse and Hinds, Roanoke, VA - Provided industrial hygiene services and testing including area noise assessment and dust exposure monitoring at the Roanoke manufacturing facility.

Roanoke College, Salem, VA - Environmental Project Manager: Provided an asbestos-containing materials survey of the former Bowman Hall at Roanoke College. Ms. Moon also prepared specifications for the removal of asbestos, PCB's, and mercury.



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	Comprehensive 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

