



## **Phase I Environmental Site Assessment**

**Undeveloped Property  
Intersection of Stringfellow Road and Autumn Willow Drive  
Fairfax, VA 22030**

### **Prepared for:**

Fairfax County Department of Housing & Community  
Development  
3700 Pender Drive, Suite 300  
Fairfax, VA 22030

### **Prepared by:**

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Fairfax, VA 22031

April 26, 2019

PSI Project Number: 04481460

A handwritten signature in black ink, appearing to read "Ariel Yeakel".

Ariel Yeakel  
Staff Scientist

A handwritten signature in black ink, appearing to read "Paul Bowyer".

Paul Bowyer  
Principal Consultant

## Project Summary

Report Section		No Issues Identified	Routine Solution	REC	HREC	CREC	VEC	De-Minimis	Notes
3.0	USER-PROVIDED INFORMATION	✓							
5.0	SITE RECONNAISSANCE	✓							
5.2	SUBJECT PROPERTY OBSERVATIONS	✓							
5.3	OFF-SITE OBSERVATIONS	✓							
6.0	HISTORICAL USES	✓							
7.0	ENVIRONMENTAL REGULATORY RECORDS REVIEW	✓							
8.0	VAPOR ENCROACHMENT SCREENING	✓							

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## LIST OF COMMONLY USED ACRONYMS AND ABBREVIATIONS

AST	Above-ground Storage Tank
AUL	Activity and Land Use Limitation
AHERA	Asbestos Hazard Emergency Response Act
ACM	Asbestos-Containing Materials
AMSL	Above Mean Sea Level
APN	Assessor's Parcel Number (also referred to as a PIN)
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
Bgs	Below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
COC	Chemical(s) of Concern
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System (now called SEMS)
CESQG	Conditionally Exempt Small Quantity Generator of Hazardous Waste
CREC	Controlled Recognized Environmental Condition
EDR	Environmental Data Resources, Inc.
EP	Environmental Professional
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
HVAC	Heating, Ventilation, and Air Conditioning
LLP	Landowner Liability Protection
LQG	Large Quantity Generator of Hazardous Waste
LBP	Lead-Based Paint
LUST	Leaking Underground Storage Tank
MCL	Maximum Concentration Level

MSDS	Material Safety Data Sheets (now referred to as Safety Data Sheets)
MTBE	Methyl tert Butyl Ether
µg/L	Micrograms per Liter
Mg/kg	Milligrams per Kilogram
Mg/L	Milligrams per Liter
NPL	National Priorities List (aka/Superfund)
NFA	No Further Action (also known as No Further Remediation)
ND	Not Detected
NOV	Notice of Violation
OSHA	Occupational Safety and Health Administration
ppb	Parts per billion
ppm	Parts per million
PCE	Perchloroethylene (also known as Tetrachloroethylene)
pCi/L	Picocuries per liter
PCB	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
SQG	Small Quantity Generator of Hazardous Waste
TPH	Total Petroleum Hydrocarbons
TCE	Trichloroethylene
UST	Underground Storage Tank
USDA	United States Department of Agriculture
USGS	United States Geological Survey
VA DEQ	Virginia Department of Environmental Quality
VEC	Vapor Encroachment Condition
VIC	Vapor Intrusion Condition
VOC	Volatile Organic Compound

## CERTIFICATION

Professional Service Industries, Inc. (PSI), an Intertek company, has completed a Phase I Environmental Site Assessment of the Undeveloped Property located at Intersection of Stringfellow Road and Autumn Willow Drive in Fairfax, VA ("the Subject Property"). PSI performed the Phase I ESA in general accordance with ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (the Practice). The assessment was completed at the request of Fairfax County Department of Housing & Community Development ("the client") in accordance with the scope of work outlined in PSI's Proposal Number 0448-269612, which was authorized by the client on April 8, 2019.

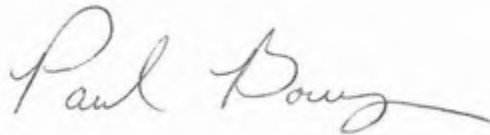
The conclusions developed herein represent our professional judgment based on information and data available to us at the time of the assessment, and observations made at the time of our site reconnaissance. In accordance with ASTM E1527-13 § 4.6, the report is valid for a period of 180 days from the time of issuance.

Site Assessor:

A handwritten signature in black ink, appearing to read "Ariel Yeakel".

Ariel Yeakel  
Staff Scientist

Reviewed by:

A handwritten signature in black ink, appearing to read "Paul Bowyer".

Paul Bowyer  
Principal Consultant

### ***Environmental Professional Certification***

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

Environmental  
Professional:

A handwritten signature in blue ink, appearing to read "Bobby Lin".

Bobby Lin  
Project Manager



## 1.0 EXECUTIVE SUMMARY

PSI, an Intertek company, performed a Phase I ESA of the Undeveloped Property located at Intersection of Stringfellow Road and Autumn Willow Drive, in Fairfax, VA, 22030. PSI performed the assessment to comply with the contract between Fairfax County Department of Housing & Community Development (the client) and PSI.

Our assessment included a Phase I ESA and did not include evaluation of business environmental risks that are beyond the scope of ASTM E1527 (e.g., asbestos, mold, lead based paint, radon, wetlands, etc.).

### 1.1 FINDINGS

A summary of findings is provided below. The report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in any decisions made or actions taken based on this information.

#### 1.1.1 SITE DESCRIPTION AND CURRENT USE

The subject property, located at the intersection of Stringfellow Road and Autumn Willow Drive in Fairfax, Virginia, consists of two contiguous parcels totaling 31.19 acres of undeveloped wooded land. The subject property consists of hiking trails and a small pond, Little Rocky Run (stream).

#### 1.1.2 ADJOINING PROPERTY DESCRIPTION AND USE

The subject property is located within a primarily residential corridor along Autumn Willow Drive. No uses of concern were identified on the adjoining properties. Usage of the immediately surrounding properties is summarized in the table below.

Direction	Description of Adjoining Property Use
North	Autumn Willow Park
East	Residential
South	Residential
West	Residential

#### 1.1.3 SIGNIFICANT DATA GAPS

The ASTM E1527 Standard Practice defines a significant data gap as a lack of or inability to obtain information required by the practice that would limit our ability to draw conclusions with regard to RECs in connection with the subject property. Based on our experience, the information that we gathered and evaluated did not present significant data gaps that affected our ability to identify RECs in connection with the subject property.



#### **1.1.4 HISTORICAL USE OF SITE AND SURROUNDING AREA**

The subject property was historically wooded and partially agricultural land, dating to at least 1937. Over time, the property has been developed with portions of the Willow Run Trail hiking trail and Little Rocky Run. The property has remained in this condition since that time.

The north, south, east, and west adjoining properties were initially undeveloped wooded land. Residential development began to the south in the late 1940's while it began to the east and west in the early 2000's. The north adjoining property was developed with a paved parking lot and soccer fields to become the present day Autumn Willow Park.

#### **1.1.5 GOVERNMENTAL RECORDS REVIEW**

PSI subcontracted with EDR to provide a review of governmental database records for spill sites, tanks, hazardous waste handlers, and other facilities of potential concern within proximity to the subject property.

No spill sites or regulated facilities were identified on the governmental databases that were searched.

### **1.2 CONCLUSIONS**

PSI performed a Phase I ESA of the subject property in general accordance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to or deletions from this practice are described in Section 2.3 of this report. The following conclusions have been made with regard to evidence of RECs, HRECs, CRECs, VECs, and *de minimis* conditions on the subject property, as defined in ASTM E 1527-13.

#### **1.2.1 RECOGNIZED ENVIRONMENTAL CONDITIONS**

This assessment has revealed no evidence of RECs in connection with the subject property.

#### **1.2.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS**

This assessment has revealed no evidence of CRECs in connection with the subject property.

#### **1.2.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS**

This assessment has revealed no evidence of HRECs in connection with the subject property.

#### **1.2.4 VAPOR ENCROACHMENT CONDITIONS**

This assessment has revealed no evidence of VECs in connection with the subject property.



#### **1.2.5 DE MINIMIS CONDITIONS**

PSI did not identify evidence of de minimis conditions on the subject property.

#### **1.3 RECOMMENDATIONS**

PSI recommends no further assessment for RECs in connection with the subject property at this time.



## **2.0 PHASE I ESA SCOPE AND METHODOLOGY**

### **2.1 PURPOSE OF SERVICES**

PSI performed the Phase I ESA in conformance with ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (the Practice). The purpose of the Practice was to define good commercial practice for conducting a Phase I ESA and as such, the Practice is intended to permit the user to satisfy one of the requirements to qualify for the LLPs. The goal of the processes established by the Practice is to identify RECs in connection with the property.

In the absence of provided information, PSI assumes that your purpose for having the Phase I ESA performed is to satisfy one of the requirements to qualify for the LLPs.

### **2.2 PHASE I ESA METHODOLOGY**

PSI performed a Phase I ESA of the subject property. The scope of our services and general methodology is presented below.

The information sources that PSI used, including published material, material obtained from commercial and other sources, is listed below and cited as it is presented in the report. The information or excerpts thereof is appended.

This assessment included the following components:

- Records review;
- Reconnaissance;
- Interviews;
- Vapor Encroachment Screen (VES) in accordance with ASTM E2600-15; and
- Preparation of this report, including our evaluation.

### **2.3 LIMITATIONS, EXCEPTIONS, DEVIATIONS AND DATA GAP**

PSI considers that limitations, exceptions, and deviations from the Practice manifest as a lack of or inability to obtain information required by the Practice. This represents the definition of the 'data gap' contained in the Practice. PSI listed the component objectives of the Practice on the appended Data Gap Worksheet and tracked the information obtained against the objectives. Therefore the limitations, exceptions and deviations are identified in the Worksheet.

In general, when required information was incomplete, not provided, otherwise not obtained, or indicated a need for additional information, PSI attempted to use information from other sources to meet the Practices' performance objectives. When the data gaps affected the Environmental Professional's ability to identify RECs, PSI considered the data gap(s) to be significant. PSI identified significant data gaps (if any) on the Data Gap Worksheet and reported them in Section 1.1.5.



## 2.4 SIGNIFICANT ASSUMPTIONS

PSI made the following assumptions in developing our Phase I ESA findings and conclusions:

- Regulatory Agency Information - PSI considers all information provided by our environmental database subcontractor regarding regulatory status of facilities to be complete, accurate, and current.
- Other Regulatory Information - PSI considers all information obtained from regulatory or enforcement agencies to be complete, accurate, and current.
- Title, Lien and AUL Information - PSI considers all information provided by real estate title record review firms regarding property use or ownership, encumbrances or other limitations, if provided, to be complete, accurate and current.
- Interviews - PSI considers all information provided through interviews to be complete, unbiased and provided in good faith.
- Groundwater - PSI interpreted and inferred the direction of the shallow groundwater movement based on the information we obtained and our experience. Actual groundwater flow may be locally influenced by many factors beyond the scope of this assessment. Subsurface investigation would be necessary to determine site-specific groundwater flow direction.



### 3.0 USER-PROVIDED INFORMATION

PSI considers the client to be the 'User' of our assessment, defined in ASTM Practice E 1527 as "the party seeking to use ASTM E 1527 to complete a Phase I ESA of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The User has specific obligations for completing a successful application of this practice...."

#### 3.1 USER QUESTIONNAIRE

The EPA All Appropriate Inquiry Rule (40 CFR Part 312) and ASTM E1527 Section 6 require the User to answer certain questions related to the property, in order to obtain certain LLPs from CERCLA liability. To facilitate this process, PSI provided the client with a User Questionnaire, which is provided in the Appendix if it has been returned. A summary of the required questions and client responses is provided below:

Question	Yes	No	Unknown	N/A	Client did not respond
Did a review of recorded land title records or other sources identify any environmental liens filed or recorded against the subject property under federal, tribal, state or local law?		✓			
Did a review of land title records or other sources identify any activity use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place on the subject property?		✓			
Do you have specialized knowledge or experience related to the subject property or nearby properties?		✓			
Does the purchase price being paid for the property reasonably reflect the fair market value of the property?				✓	
If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?				✓	



Question	Yes	No	Unknown	N/A	Client did not respond
Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of a releases or threatened releases?		✓			
Do you know of the past uses of the property?		✓			
Do you know of specific chemicals that are present or were once present at the property?		✓			
Do you know of spills or other chemical releases that have taken place at the property?		✓			
Do you know of any environmental cleanups that have taken place at the property?		✓			
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 subject property?		✓			
Do you know of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?		✓			
Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?		✓			

## NOTES

The client returned PSI's questionnaire indicating 'NO' to the questions: "Did a review of land title records (or judicial records where appropriate) identify any environmental cleanup liens filed or recorded against the subject property under federal, tribal, state or local law?" or "Did a review of land title records (or judicial records where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?" The completed questionnaire is appended.



### **3.2 TITLE RECORDS**

Based on a review of the local tax assessor's records, the subject property is currently owned by insert current owner name. The property was transferred from insert previous owner name to the current owner in year.

### **3.3 SUGGESTED INFORMATION**

The client provided PSI with the following suggested information described by the Practice.

- The reason for performing the Phase I ESA.
- The type of property and type of property transaction.
- The complete and correct address of the property.
- The scope of services desired for the Phase I ESA, including any evaluation for business environmental risk that is beyond the scope of ASTM E1527.
- Identification of all parties who will rely upon the report.
- Identification of the key site contact and contact information.

### **3.4 HELPFUL DOCUMENTS**

The Practice requires that the environmental professional ask the property owner, the key site manager (if any is identified), and the User for certain helpful documents about the property and certain legal proceedings involving hazardous substances and the subject property. PSI mailed or e-mailed questions or performed interviews requesting this information. The responses documenting the persons we corresponded with, and relevant information obtained, are appended where practical.

The Client did not provide prior environmental reports or other helpful documents within the performance period of this assessment.



## 4.0 PHYSICAL SETTING

PSI reviewed a USGS topographic (topo) map, information from the USDA and/or Natural Resources Conservation Service (NRCS) and/or other information regarding the physical setting of the subject property to assist with the interpretation of subsurface water movement near the subject property. Physical setting information is summarized in the table below.

### Summary of Physical Setting Information

Physical Setting Attributes	Description	Source
Subject property elevation:	Approximately 368-feet AMSL	USGS Topo Map Manassas, VA 7.5 minute Quadrangle 2013
Topographic gradient:	The subject property and surrounding area slopes gently to the west.	Google Earth and Site Reconnaissance
Closest surface water:	Little Rock Run located on the subject property.	Google Earth
Other resource or physical characteristics mapped on the subject property?	No	EDR Radius Map Report
Is a flood plain mapped on the subject property?	No	EDR Radius Map Report
Predominant soil type(s) mapped on the subject property:	Manor Loam: Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures. Well drained. Soils have intermediate water holding capacity.	EDR Radius Map Report
Geology/Hydrogeology:	Paleozoic Mississippian	EDR Radius Map Report
Estimated depth to first groundwater:	>6 feet bgs	EDR Radius Map Report
Anticipated regional groundwater flow direction:	Southeast	EDR Radius Map Report
Oil and Gas Resources:	None mapped on, or adjacent to Subject Property	EDR Radius Map Report
Mining Resources:	None mapped on, or adjacent to Subject Property	EDR Radius Map Report



## 5.0 SITE RECONNAISSANCE

The location and approximate boundaries of the subject property are illustrated on the appended figures. The legal description of the subject property, if provided to PSI, is appended.

Tony Esse, P.E., Associated Director of Fairfax County Department of Housing and Community Development granted PSI access to the subject property. Our assessor was unescorted during the site reconnaissance.

The ground reconnaissance consisted of observing the periphery of the subject property and viewing the subject property from accessible adjoining public access areas. Visual reconnaissance of adjoining properties was limited to areas and facilities that were readily observable from the subject property or from public access areas. PSI also systematically toured the interior portions of the subject property parcels to provide an overlapping field of view.

The peripheries of surface features and/or structures, where present on the subject property, were observed along with accessible interior common areas. PSI photo-documented selected features. The photo log is included in the Appendix.

### 5.1 SUBJECT PROPERTY DESCRIPTION AND CURRENT USES

General Site Information	
Subject Property Address	Intersection of Stringfellow Road and Autumn Willow Drive, Fairfax, VA 22030
Parcel Size (acres)	31.19 +/-
Site Contact/Escort	Tony Esse / Unescorted
Date of Reconnaissance	April 16, 2019
Building Information	
Building Description	Not Applicable
Size (square feet)	Not Applicable
Number of Stories	Not Applicable
Approx. Construction Date	Not Applicable
Utilities	
Water	Water connection is available through Studebaker Submetering.
Wastewater/Sewer	Wastewater/Sewer connection is available through Fairfax County Wastewater.
Electricity	Electricity connection is available through Dominion Virginia Power.



<b>Natural Gas</b>	Natural gas connection is available through Washington Gas.
<b>Heating Source</b>	Not Applicable

The subject property, located at the intersection of Stringfellow Road and Autumn Willow Drive in Fairfax, Virginia, consists of two contiguous parcels totaling 31.19 acres of undeveloped wooded land. The subject property consists of hiking trails and a small pond, Little Rocky Run.

## 5.2 SUBJECT PROPERTY OBSERVATIONS

A summary of the subject property uses and conditions is tabulated below. Detailed information is discussed following the summary for any "yes" answers, along with an opinion about the significance of the listing.

<b>Identified? (check if Yes)</b>	<b>Item Description</b>
<b>Equipment/Activities/Uses</b>	
	Emergency Generators
	Elevators
	Hydraulic Lifts
	Dry Cleaners/Laundromats
	Photo Processing
	Medical/Dental Offices - Biomedical Wastes
	Automotive/Equipment Repair
	Grease Traps and Oil/Water Separators
	Wastewater Treatment Systems
	Septic or Sewage Tanks
	Air Compressors
✓	Transformers or Other Mech./Elec. Equipment That Could Contain PCBs
✓	Pipeline Markers
	Oil and Gas Wells
	Stormwater Ponds
✓	Quarries, Pits, Lakes, or Lagoons
	Use, Storage, or Disposal of Hazardous Substances



Identified? (check if Yes)	Item Description
	Use, Storage, or Disposal of Petroleum Products
	ASTs/USTs
	Drums or Other Bulk Chemical Containers
	Suspect Containers/Unidentified Contents
✓	Drains and Sumps
	Drinking Water, Irrigation or Monitoring Wells
	Agrochemical Use/Application
	Railroad Spur/Tracks
<b>Potential Evidence of Releases</b>	
	Interior/Pavement Stains or Corrosion
	Stained Soil/Stressed Vegetation
	Chemical Odors
	Surface Water Sheen or Discoloration
	Exterior Pipe Discharges/Unknown Pipes/Effluent Discharges
	Pools of Liquid or Standing Water
✓	Solid Waste Dumping/Landfilling/Suspect Fill Material
	Construction Debris/Material Stockpiles
	Other Uses or Conditions of Concern

### 5.2.1 TRANSFORMERS OR OTHER ELECTRICAL OR MECHANICAL EQUIPMENT THAT COULD CONTAIN PCBS

Two pole-mounted electrical transformers and one electrical junction box were observed east on the subject property. PSI did not observe non-PCB labeling on the transformers or junction boxes at the time of the site reconnaissance. PSI believes the electrical equipment is the property and responsibility of Dominion Virginia Power, the local electrical utility company, who would be responsible for cleanup related to the equipment that could not be attributed to tenant negligence. The identified electrical equipment appeared to be in good condition, with no apparent evidence of staining, leakage, or corrosion noted. Based on their observed condition and the local utility ownership, the observed transformers and junction boxes are not considered to be evidence of a REC in connection with the subject property.



### **5.2.2 PIPELINE MARKERS**

PSI observed multiple petroleum pipeline markers east on the subject property during the site reconnaissance. Typically, sensors monitor for heat, pressure, and seismic activity along the pipeline. In addition, a pipeline typically has a leak detection system with alarms that would isolate the breach in the pipeline and shut down the system in case of a leak. The system is evaluated for leaks on a regular basis. Based on the typical diligent monitoring of a pipeline, its age, and lack of information indicating a leak occurred, this pipeline does not appear to represent evidence of a REC in connection with the subject property.

### **5.2.3 QUARRIES, PITS, LAKES, OR LAGOONS**

PSI identified a pond located on the southern portion of the subject property. No obvious staining, stressed vegetation, or oily sheen was noted in connection with the water observed at the time of the site reconnaissance. Based on PSI's observations, it appears that the pond is a part of Little Rocky Run. As such, the presence of the identified pond is not considered to represent evidence of a REC in connection with the subject property.

### **5.2.4 DRAINS OR SUMPS**

PSI observed a drainage ditch along the northwest property boundary. PSI did not observe evidence of standing water, staining or stressed vegetation in the vicinity of the ditch at the time of the site reconnaissance. The presence of this drainage ditch is not considered to be evidence of a REC in connection with the subject property.

### **5.2.5 SOLID WASTE DUMPING, LANDFILLING, OR SUSPECT FILL MATERIAL**

No landfills or suspect fill material was identified. Solid waste trash and recycling receptacles were observed on the subject property. The receptacles are cleaned or emptied on a weekly basis. No adverse conditions, such as staining or improper dumping was observed. As such, the dumpsters are not considered to be evidence of a REC in connection with the subject property at this time.

## **5.3 OFF-SITE OBSERVATIONS**

A summary of the adjoining property uses and conditions is tabulated below. Detailed information is discussed following the summary for any "yes" answers, along with an opinion about the significance of the listing.



Identified? (check if Yes)	Item Description
<b>Equipment/Activities/Uses</b>	
	Emergency Generators
	Elevators
	Hydraulic Lifts
	Dry Cleaners/Laundromats
	Photo Processing
	Medical/Dental Offices - Biomedical Wastes
	Automotive/Equipment Repair
	Grease Traps and Oil/Water Separators
	Wastewater Treatment Systems
✓	Septic or Sewage Tanks
	Air Compressors
✓	Transformers or Other Mech/Elec. Equipment That Could Contain PCBs
✓	Pipeline Markers
	Oil and Gas Wells
	Stormwater Ponds
	Quarries, Pits, Lakes, or Lagoons
	Use, Storage, or Disposal of Hazardous Substances
	Use, Storage, or Disposal of Petroleum Products
	ASTs/USTs
	Drums or Other Bulk Chemical Containers
	Suspect Containers/Unidentified Contents
✓	Drains or Sumps
	Drinking Water, Irrigation or Monitoring Wells
	Agrochemical Use/Application
	Railroad Spur/Tracks



Identified? (check if Yes)	Item Description
<b>Potential Evidence of Releases</b>	
✓	Interior/Pavement Stains or Corrosion
	Stained Soil/Stressed Vegetation
	Chemical Odors
	Surface Water Sheen or Discoloration
	Exterior Pipe Discharges/Unknown Pipes/Effluent Discharges
	Pools of Liquid or Standing Water
✓	Solid Waste Dumping/Landfilling/Suspect Fill Material
	Construction Debris/Material Stockpiles
	Other Uses or Conditions of Concern

### 5.3.1 SEPTIC OR SEWAGE TANKS

Based on PSI's knowledge of the area, sewage disposal for the buildings on adjoining properties is provided through on-site septic systems, including tanks and leach fields. Based on the use of the building(s) on the adjoining properties, the septic system(s) are not considered to be evidence of a REC in connection with the subject property.

### 5.3.2 TRANSFORMERS OR OTHER MECH./ELEC. EQUIPMENT THAT COULD CONTAIN PCBS

Two pad-mounted electrical transformers were observed the north adjoining property. PSI did not observe non-PCB labeling on the transformers at the time of the site reconnaissance. PSI believes the electrical equipment is the property and responsibility of Dominion Virginia Power, the local electrical utility company, who would be responsible for cleanup related to the equipment that could not be attributed to tenant negligence. The identified electrical equipment appeared to be in good condition, with no apparent evidence of staining, leakage, or corrosion noted. Based on their observed condition and the local utility ownership, the observed transformers are not considered to be evidence of a REC in connection with the subject property.

### 5.3.3 PIPELINE MARKERS

PSI observed multiple petroleum pipeline markers on the east adjoining property during the site reconnaissance. Typically, sensors monitor for heat, pressure, and seismic activity along the pipeline. In addition, a pipeline typically has a leak detection system with alarms that would isolate the breach in the pipeline and shut down the system in case of a leak. The system is evaluated for leaks on a regular basis.



Based on the typical diligent monitoring of a pipeline, its age, and lack of information indicating a leak occurred, this pipeline does not appear to represent evidence of a REC in connection with the subject property.

#### **5.3.4 DRAINS OR SUMPS**

PSI observed storm drains in the parking and drive areas of the adjoining properties. PSI did not observe evidence of unusual staining or improper disposal in connection with the observed storm drains, and the storm drains appeared to be in a generally good condition. The drains appear to flow into the the municipal stormwater system located on the west adjoining property. Based on this information, the observed storm drains are not considered to be evidence of a REC in connection with the subject property.

#### **5.3.5 INTERIOR/PAVEMENT STAINS OR CORROSION**

PSI identified areas of minor staining on the paved parking areas and roads adjoining the subject property. The stains appear to be the result of leakage of automobile fluids and not the result of a large scale spill. PSI does not consider the presence of the staining a REC in connection with the subject property.

#### **5.3.6 SOLID WASTE DUMPING/LANDFILLING/SUSPECT FILL MATERIAL**

Some amount of dumping was observed on the adjoining properties consisting primarily of hazardous or non-hazardous discarded describe contents such as household items, soil and construction debris in the form of gravel, wood pieces, concrete chunks, a few tires, and scrap metal. No 55-gallon drums, containers or evidence of soil contamination was observed. The dumped materials do not appear to represent evidence of a REC in connection with the subject property.



## 6.0 HISTORICAL USES

PSI utilized readily ascertainable historical data resources in order to research the history of the site and surrounding area. The intent of this review was to identify historical tenancies or uses of the subject property and surrounding area, which might be considered evidence of a REC. Generally, PSI reviewed the following readily ascertainable historic data resources, where they were available:

- Readily available historical topographic maps were reviewed to evaluate land development in the area over time. It should be noted that the scale of topographic maps in some cases does not allow for mapping of individual structures and developed areas may be shown by shading only.
- Selected historical aerial photographs were reviewed at 5-10 year intervals to obtain information concerning the development and history of the subject property and surroundings.
- PSI reviewed readily ascertainable historical city directories at 5-10 year intervals in order to obtain information on tenancies on the subject property and adjoining properties.
- PSI requested available historical fire insurance maps from EDR. The Sanborn Map Company and other regional providers historically mapped urban areas for use by insurance underwriters. In some cases these maps provide useful information in evaluating previous tenancies and uses of the subject property and surrounding area.

Copies of select historical documents are provided in the report appendix; however, it should be noted that some of the resources used by PSI may be copyrighted and PSI has summarized these resources herein, but we have not included copies of these resources in the appendix.

### 6.1 SUMMARY OF RESOURCES

PSI reviewed the following resources in order to evaluate the historic uses of the subject property and surrounding area:

Source Type	Years Reviewed	Source
USGS Topo Maps	1890, 1891, 1894, 1897, 1915, 1944, 1947, 1951, 1957, 1966, 1971, 1977, 1979, 1983, 1984, 1994, 1996, 2013	USGS, EDR
Aerial Photographs	1937, 1949, 1954, 1959, 1963, 1969, 1974, 1979, 1980, 1990, 2005, 2009, 2012, 2016	USDA, EDR
City Directories	1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014	Haines Criss-Cross Directory, EDR Digital Archive
Sanborn Fire Insurance Maps	Not Reviewed, Unmapped Property	Sanborn Fire Maps, EDR



## 6.2 CURRENT AND PRIOR USE INTERVIEWS

PSI conducted interviews with persons who are knowledgeable of the current use and history of the site. The following individuals were interviewed:

Name	Title/Role	Date Interviewed	Comments
Tony Esse	Associated Director	April 16, 2019	Mr. Esse provided access to the subject property and answered PSI's questions regarding the subject property.

No evidence of RECs were identified as a result of the interviews conducted during this assessment. Complete records of communication detailing information obtained and reviewed, have been appended to this report.

## 6.3 PRIOR INVESTIGATIONS

The client did not provide PSI with prior environmental or geotechnical reports, permits or registrations, or other pertinent information regarding the history of the site for review.

## 6.4 CITY DIRECTORIES

The following table lists the chronological city directories for the subject property and immediately adjoining properties.

Property	Address: Listing Description by Year
Subject Property	<b><u>Intersection of Stringfellow Road and Autumn Willow Drive</u></b> 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014: Not listed
North	<b><u>13090 Autumn Willow Drive</u></b> 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014: Not listed
East	<b><u>13087 Autumn Willow Drive, 5206, 5220, 5227 Whisper Willow Drive</u></b> 1977, 1982, 1987, 1992, 1995: Not listed 2000, 2005, 2010, 2014: Jim Birch
South	<b><u>13225, 13217, 13213, 13205 Lee Highway, 5387, 5395 Willow Valley Road</u></b> 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014: Not listed
West	<b><u>13210 Maple Creek Lane, 5305, 5303, 5301 Poplar Valley Court</u></b> 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014: Not listed



## 6.5 SUMMARY HISTORY OF SITE AND SURROUNDING AREA

A chronological summary of the history/use of the subject property and immediately adjacent properties is provided in the following table.

Date	Resource	Interpreted Use/Observations
<b>SUBJECT PROPERTY</b>		
1937 to 2019	Historic aerial photos and topographic maps	The subject property appears to be undeveloped wooded land. The subject property has been developed with portions of the Willow Pond Trail hiking trail, and Little Rocky Run. The subject property appears more or less in its present day configuration.
<b>NORTH ADJOINING PROPERTY</b>		
1937 to 1990	Historic aerial photos and topographic maps	The north adjoining property appears to be undeveloped wooded land.
2005 to 2019	Historic aerial photos and topographic maps	The north adjoining property appears to be cleared, a paved road, presently Autumn Willow Drive, soccer fields, and a paved parking lot appear to be developed on the property. The north adjoining property appears more or less in its present day configuration.
<b>EAST ADJOINING PROPERTY</b>		
1937 to 1990	Historic aerial photos and topographic maps	The east adjoining property appears to be undeveloped wooded land. Circa 1969 a path appears cleared on the east adjoining property for electrical power lines.
2005 to 2019	Historic aerial photos and topographic maps	The east adjoining property appears to be cleared and residential buildings along with paved parking lots appear to be developed on the property. The east adjoining property appears more or less in its present day configuration.
<b>SOUTH ADJOINING PROPERTY</b>		
1937	Historic aerial photos and topographic maps	The south adjoining property appears to be undeveloped wooded land.
1949 to 1990	Historic aerial photos and topographic maps	The south adjoining property appears to be cleared and developed with residential buildings.



Date	Resource	Interpreted Use/Observations
2005 to 2019	Historic aerial photos and topographic maps	Residential buildings along with paved parking lots and roadways appears to have developed on the southern portion of the south adjoining property. The south adjoining property appears more or less in its present day configuration.
<b>WEST ADJOINING PROPERTY</b>		
1937 to 1990	Historic aerial photos and topographic maps	The west adjoining property appears to be undeveloped wooded land.
2005 to 2019	Historic aerial photos and topographic maps	The west adjoining property appears to be cleared. A paved road, presently Stringfellow Road, and residential buildings appear to be developed on the property. The west adjoining property appears more or less in its present day configuration.

The subject property was historically wooded and partially agricultural land, dating to at least 1937. Over time, the property has been developed with portions of the Willow Run Trail hiking trail and Little Rocky Run. The property has remained in this condition since that time.

The north, south, east, and west adjoining properties were initially undeveloped wooded land. Residential development began to the south in the late 1940's while it began to the east and west in the early 2000's. The north adjoining property was developed with a paved parking lot and soccer fields to become the present day Autumn Willow Park.



## **7.0 ENVIRONMENTAL REGULATORY RECORDS REVIEW**

### **7.1 DATABASE FINDINGS**

PSI retained EDR to provide environmental database information attributed to the subject property and its surroundings. EDR obtains environmental databases published by local, state, tribal, and federal agencies and maps the information for electronic searches. EDR's service includes reporting Standard Environmental Records Sources and, in most cases, some Additional Environmental Records Sources.

The search was performed to AMSDs listed in ASTM E 1527-13. The search radius required by ASTM varies by database.

Unmappable (orphan) sites (if any were listed) having insufficient address information to be mapped were evaluated for potential location within the AMSD. Those that could be determined to be within the AMSD are discussed, as appropriate.

The distribution of listed sites with respect to the subject property is tabulated and mapped in EDR's Radius Map Report, which is appended. The reader is referred to the table, which can be found near the front of EDR's report. The full names of the abbreviations and acronyms used below and in EDR's report can be found in the Government Records Searched/Data Currency Tracking section of EDR's report.

#### **7.1.1 SUBJECT PROPERTY**

The subject property was not listed on the searched governmental databases as a spill site or regulated facility.

#### **7.1.2 SURROUNDING PROPERTIES**

EDR's report did not identify sites surrounding the subject property.

### **7.2 REGULATORY AGENCY INQUIRIES**

PSI requested records or information about the subject property and/or surrounding area from the governmental agencies listed in the following sections. Information was requested by telephone, in person, via e-mail or through a written FOIA or equivalent request, as appropriate.

#### **7.2.1 FIRE DEPARTMENT**

PSI submitted a FOIA to the Fairfax County Fire Department. However, a response has not been received to date and available records are not considered reasonably ascertainable for inclusion in this report. According to ASTM, records are not considered reasonably attainable if no response is received in 20 calendar days. If a response is received that alters the findings of this report, PSI's conclusions will be verbally communicated to the client immediately and an addendum will be issued.



### **7.2.2 REGULATORY AGENCY MAINTAINED WEBSITES**

A FOIA request was submitted to the Virginia DEQ. However, a response has not been received to date and available records are not considered reasonably ascertainable for inclusion in this report. According to ASTM, records are not considered reasonably attainable if no response is received in 20 calendar days. If a response is received that alters the findings of this report, PSI's conclusions will be verbally communicated to the client immediately and an addendum will be issued.

### **7.2.3 HEALTH DEPARTMENT/ENVIRONMENTAL DIVISION**

PSI submitted a FOIA to the Fairfax County Health Department. However, a response has not been received to date and available records are not considered reasonably ascertainable for inclusion in this report. According to ASTM, records are not considered reasonably attainable if no response is received in 20 calendar days. If a response is received that alters the findings of this report, PSI's conclusions will be verbally communicated to the client immediately and an addendum will be issued.



## **8.0 VAPOR ENCROACHMENT SCREENING**

### **8.1 METHODOLOGY**

Vapor encroachment is an emerging concern associated with the potential for volatile chemicals, such as petroleum fuels and chlorinated solvents to migrate through the subsurface in the gas phase from contaminated soil and/or groundwater plumes. Vapor encroachment may be a concern if subsurface volatile contaminants migrate into occupied buildings through cracks and penetrations in the building slab.

The ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment process requires the Environmental Professional to evaluate the potential for vapor encroachment onto the subject property, and to determine if such vapor encroachment constitutes evidence of a REC on the subject property. The E1527-13 Standard Practice does not specifically state the methods that must be used to screen for potential vapor encroachment issues. However, ASTM has developed a separate Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E2600-15). The vapor encroachment screening guidance outlines a methodology to conduct vapor encroachment screening, which will satisfy the vapor screening requirements under the Phase I ESA Standard Practice. PSI utilized the ASTM E2600-15 Standard Guide to conduct vapor encroachment screening for the subject property.

The goal of conducting Vapor Encroachment Screening (VES) is to identify a VEC, which is defined as the presence or likely presence of COC vapors in the subsurface of the subject property caused by the release of vapors from contaminated soil either on or near the subject property. If a VEC is identified, the environmental professional must determine whether the VEC represents evidence of a REC on the subject property under the context of the Phase I ESA Standard Practice. It should be noted that the identification of a VEC on the subject property does not necessarily indicate that a potential for migration of vapors into existing or proposed structures on the subject property is likely. The environmental professional will identify the VEC as a REC where the potential for vapor migration into structures is considered likely, or where the contaminant concentrations in the soil, groundwater, or soil vapors on the subject property are significant and likely to result in enforcement against on-site or off-site responsible parties.

The VES utilizes information regarding the potential presence of releases on or near the subject property that were collected as a normal part of the Phase I ESA process, such as governmental database records, review of governmental files, historical data sources, etc. No additional data was collected specifically for the purpose of the VES. In order to identify potential sites of concern within the AMSD, as available and appropriate, PSI reviewed Sanborn Maps, governmental database records, regulatory agency files, aerial photographs, and other information.

VES Standard Guide prescribes a two tier approach for screening of sites for potential vapor encroachment. In Tier I, potential sites of concern within the search radii are identified and the environmental professional must determine whether a VEC exists or not based on the information that is available within the context of the Phase I ESA data gathering. If the available information indicates that a VEC exists based on available information, the environmental professional, in consultation with the User, may conduct Tier II screening to further evaluate the potential risk. Under Tier II, the environmental professional would review available



reports through the regulatory agency or other reasonably ascertainable sources to determine the status of assessment/remediation, size and migration pathways for any associated plumes, geologic conditions, and other geologic information. This information would be utilized to determine the distance between the plume and the target property boundary. For example, if the distance from the edge of a plume in a downgradient position to the subject property boundary exceeds 100 feet for VOCs or petroleum free product, or 30 feet for dissolved petroleum hydrocarbons (PHCs), then the site may be screened out and a VEC does not exist. Functionally, where Tier II information is readily available during the normal course of conducting the Phase I ESA, PSI has combined the Tier I and Tier II steps herein. Where agency files are not readily available for nearby contaminated sites within the typical schedule for a Phase I ESA, then Tier II screening might be recommended as a separate step subsequent to the Phase I ESA. Where Tier II screening is recommended, the sites of concern where data is lacking are considered a VEC until further information is available and/or further screening is completed.

The VES Standard Guide requires the environmental professional to search for potential sites of concern within the following databases and search distances, where groundwater flow is not known and/or preferential pathways for groundwater or vapor flow may exist:

<b>Standard Environmental Records Sources</b>	<b>Minimum Search Distance (miles) - VOCs, excluding PHCs</b>	<b>Minimum Search Distance (miles) - PHCs</b>
State and tribal HWS lists	1/3	1/10
State or tribal-equivalent NPL	1/3	1/10
State or tribal-equivalent CERCLIS list	1/3	1/10
State or tribal landfill or solid waste site list	1/3	1/10
State or tribal leaking storage tank lists	1/3	1/10
State and tribal registered tank lists	Subject property only	Subject property only
State and tribal IC/EC registries	Subject property only	Subject property only
State and tribal voluntary cleanup site lists	1/3	1/10
State and tribal brownfield sites list	1/3	1/10
Federal NPL site list	1/3	1/10
Federal CERCLIS list	1/3	1/10
Federal RCRA CORRACTS list	1/3	1/10
Federal RCRA non-CORRACTS TSD List	1/3	1/10
Federal RCRA Generators List	Subject property only	Subject property only
Federal IC/EC registries	Subject property only	Subject property only



<b>Standard Environmental Records Sources</b>	<b>Minimum Search Distance (miles) - VOCs, excluding PHCs</b>	<b>Minimum Search Distance (miles) - PHCs</b>
Federal ERNS list	Subject property only	Subject property only

The default search distances may be expanded or reduced in the up-gradient, down-gradient, or cross-gradient directions by the environmental professional based on experience in the local area and applying professional judgment to factors such as where a well-defined regional groundwater flow direction is identified, or whether other geologic features such as low permeability soils or hydrogeologic boundaries such as rivers or streams exist which would tend to limit the potential for migration of groundwater or vapors in a particular direction.

## **8.2 VES RESULTS**

PSI did not identify sites of concern within the VES search radii; therefore, PSI concludes that no VECs exist on the subject property.

## **8.3 VES LIMITATIONS**

The VES process is not intended to be an exhaustive screening and cannot wholly eliminate uncertainty regarding the presence of VECs in connection with the subject property. Screening is intended to reduce, but not eliminate uncertainty regarding whether or not a VEC exists in connection with the subject property.



## **9.0 CONTRACT INFORMATION**

### **9.1 STANDARD OF CARE AND WARRANTIES**

Our services were not intended to be technically exhaustive. There is a possibility that with the proper application of methodologies, conditions may exist on the property that could not be identified within the scope of the assessment(s) or that were not reasonably identifiable from the available information.

No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with the property. The ESA was intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with a property.

Our report is based on commonly known and reasonably ascertainable information, including limited, ground-level visual inspection of the property except where otherwise explicitly indicated, in general conformance with ASTM E1527-13. Findings and conclusions derived from the methodologies described in the Practice contain all of the inherent limitations in the methodologies that are referred to in the Practice.

PSI has assumed that factual information provided to us by the client, or obtained from governmental and historical research firm, the public domain, interviews, and other sources is accurate and unbiased. PSI assumes no liability for the accuracy of data provided to us by others.

PSI did not perform exploratory probing or discovery, perform tests, operate specific equipment, or take measurements or samples to perform the ESA scope. The ESA was not a building code, safety, regulatory or environmental compliance inspection. The ESA is not intended to reduce the risk of the presence of mold and physical deficiencies conducive to mold nor the risk that mold or physical deficiencies conducive to mold may pose to the buildings and building occupants.

The methodologies include reviewing information provided by other sources. PSI treats information obtained from the record reviews and interviews concerning the property as reliable and the ASTM protocol does not require PSI to independently verify the information. Therefore, PSI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete.

PSI has performed the services in a manner consistent with that level of care and skill ordinarily exercised by other members of our profession currently practicing in the same locality and under similar conditions, within the limitations of ASTM E1527-13 standard, and the All Appropriate Inquiries Rule established by the U.S. Environmental Protection Agency (40 C.F.R. Part 312). No other warranties are implied or expressed.

The observations and recommendations presented in this report are time dependent, and conditions will change. This report speaks only as of its date.

### **9.2 RELIANCE**

Fairfax County Department of Housing & Community Development, PSI's client, may rely on this report.



### **9.3 USE BY OTHER PARTIES**

This report was prepared pursuant to a contract between PSI and its client. That contractual relationship included an exchange of information about the property that was unique and serves as the basis upon which this report was prepared. Because of the importance of these understandings, our assessment may not be sufficient for the intended purposes of another party.

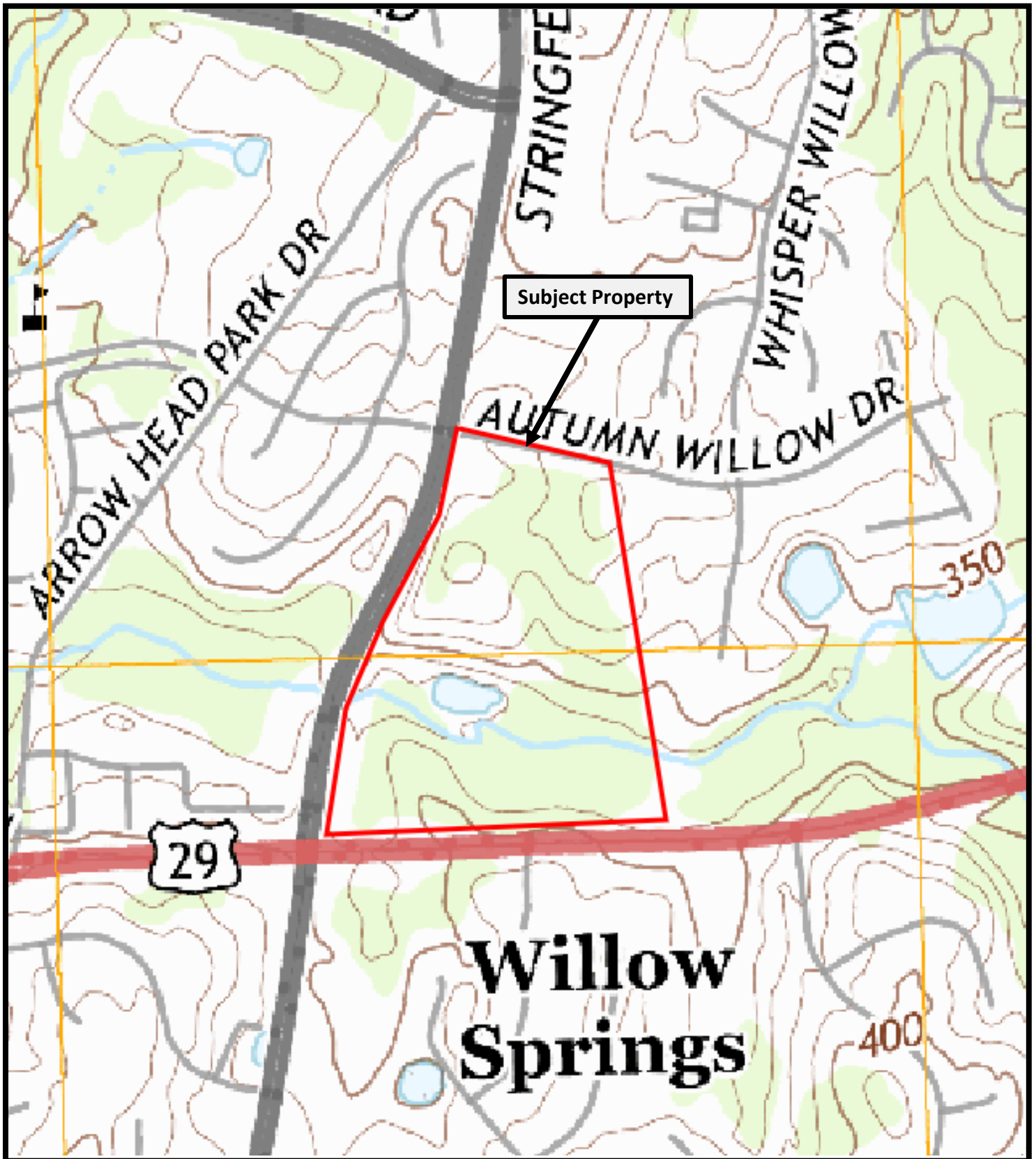
Reliance or any use of this report by anyone other than those parties identified above for which it was prepared, except with express written permission, is prohibited and therefore not foreseeable to PSI. Any unauthorized reliance on or use of this report, including any of the information or conclusions contained herein, will be at the third party's risk. No warranties or representations expressed or implied in this report are made to any such third party.

Third party reliance letters may be issued:

- upon timely request;
- subject to the permission of our original client; and
- payment of the then-current fee for such letters.

All third parties relying on our report, by such reliance, agree that such reliance is limited by our proposal and/or General Conditions, as applicable.

# FIGURES



2930 Eskridge Road - Fairfax, VA 22031  
(703) 698-9300 - FAX (703) 698-4414

Figure 1 – SITE USGS MAP  
Undeveloped Property – Parcel 26A & Parcel 26B  
Intersection of Stringfellow Road & Autumn Willow Drive

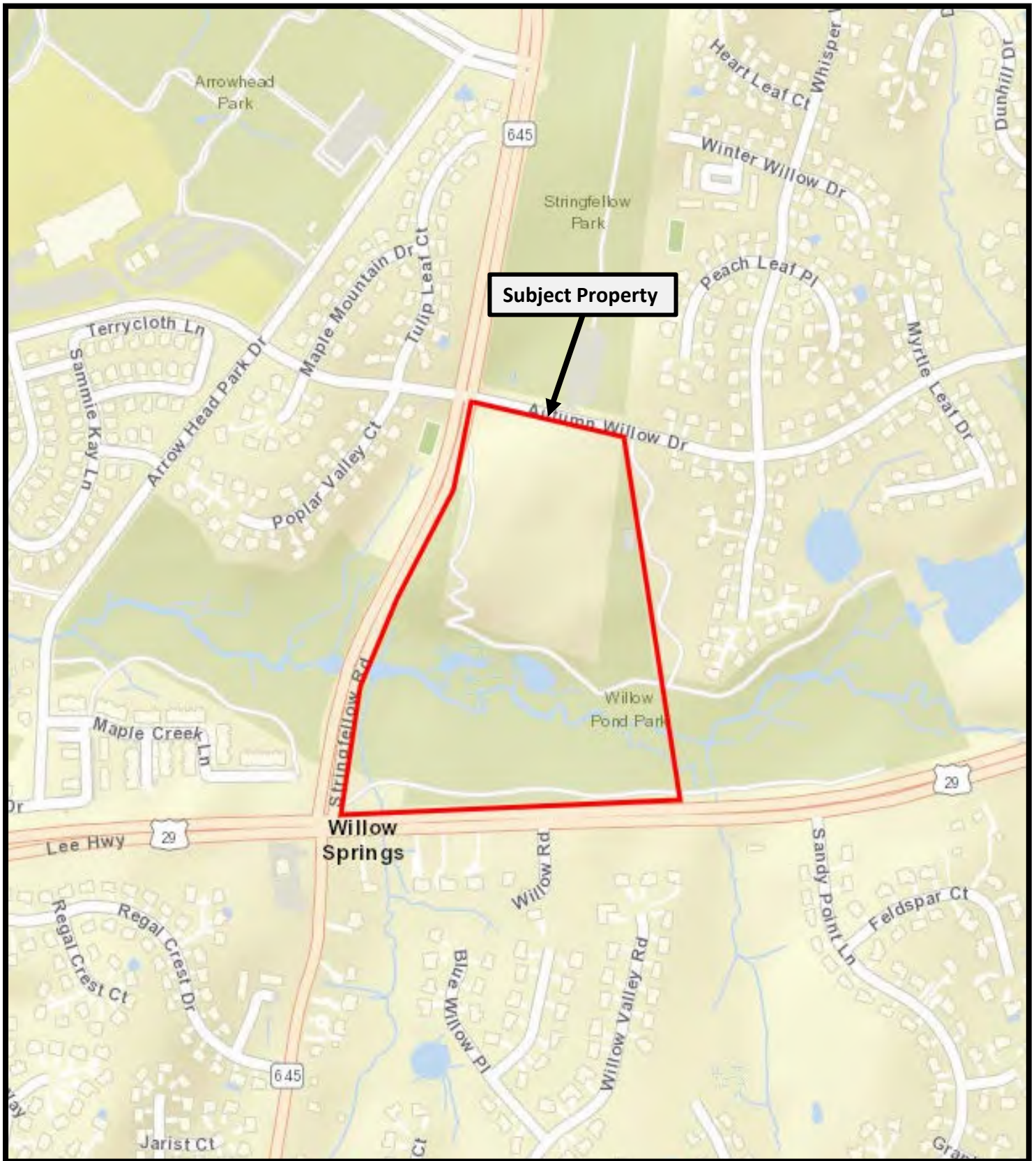
PREPARED FOR: Fairfax County Department of Housing & Community  
Development

PROJ. MANAGER: Bobby Lin

DRAWN BY: Ariel Yeakel

DATE: 04/25/2019

PROJ # 04481460



2930 Eskridge Road - Fairfax, VA 22031  
(703) 698-9300 - FAX (703) 698-4414

**Figure 2 – SITE STREET MAP**  
**Undeveloped Property – Parcel 26A & Parcel 26B**  
**Intersection of Stringfellow Road & Autumn Willow Drive**

**PREPARED FOR:** Fairfax County Department of Housing & Community Development

**PROJ. MANAGER:** Bobby Lin

**DRAWN BY:** Ariel Yeakel

**DATE:** 04/25/2019

**PROJ #** 04481460



2930 Eskridge Road - Fairfax, VA 22031  
(703) 698-9300 - FAX (703) 698-4414

**Figure 3 – SITE VICINITY MAP**  
**Undeveloped Property – Parcel 26A & Parcel 26B**  
**Intersection of Stringfellow Road & Autumn Willow Drive**

**PREPARED FOR:** Fairfax County Department of Housing & Community Development

**PROJ. MANAGER:** Bobby Lin

**DRAWN BY:** Ariel Yeakel

**DATE:** 04/25/2019

**PROJ #** 04481460

# PHOTOGRAPHS



Photo 1: View of junction box located on the north adjoining property.



Photo 2: View of Stringfellow Park, north of the subject property.



Photo 3: View of pad mounted transformer located on the north adjoining property.



Photo 4: View of fire hydrant located south on the subject property



Photo 5: View of second fire hydrant located south on the subject property



Photo 6: View of stormwater pond located on the west adjoining property.



Photo 7: View of stormwater drain located on the southern portion of the subject property.



Photo 8: View of undeveloped wooded area north across the subject property.



Photo 9: View of Little Rocky Run located on the southern portion of the subject property.



Photo 10: View of the northeast adjoining property.



Photo 11: View of the south adjoining property.



Photo 12: View of the north adjoining property.



Photo 13: View of pole-mounted transformers located on the eastern portion of the subject property.



Photo 14: View of paved basketball court located east on the subject property.



Photo 15: View of garbage receptacles located on the subject property.



Photo 16: View of undeveloped wooded area looking east across the subject property.



Photo 17: View of petroleum pipeline marker located east on the subject property.



Photo 18: View of east adjoining property.



Photo 19: View looking north across the subject property.



Photo 20: View of junction box located on the eastern portion of the subject property



Photo 21: View looking south across the subject property.



Photo 22: View of Little Rocky Run located on the southern portion of the subject property



Photo 23: View of culvert located on the southern portion of the subject property.



Photo 24: View of culvert located on the southern portion of the subject property.



Photo 25: View of Little Rocky Run located on the southern portion of the subject property.



Photo 26: View of undeveloped wooded area north across the subject property.



Photo 27: View of undeveloped wooded area south across the subject property.



Photo 28: View of undeveloped wooded area west across the subject property.



Photo 29: View of Stringfellow Road located to the west of the subject property.



Photo 30: View of the intersection of Stringfellow Road and Autumn Willow Drive located to the northwest of the subject property.



Photo 31: View of drainage ditch located on the western portion of the subject property.



Photo 32: View of the northwest adjoining property.



Photo 33: View of the north adjoining property.

# **ENVIRONMENTAL DATABASE REPORT**

**Fairfax County DGS**

Stringfellow Road & Autumn Willow Drive  
Fairfax, VA 22030

Inquiry Number: 5623180.2s  
April 16, 2019

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## 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 (E 1527-13), 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**

STRINGFELLOW ROAD & AUTUMN WILLOW DRIVE  
FAIRFAX, VA 22030

#### **COORDINATES**

Latitude (North):	38.8430040 - 38° 50' 34.81"
Longitude (West):	77.4019490 - 77° 24' 7.01"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	291533.7
UTM Y (Meters):	4301888.5
Elevation:	368 ft. above sea level

### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map:	5950523 MANASSAS, VA
Version Date:	2013

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

Portions of Photo from:	20140826
Source:	USDA

# MAPPED SITES SUMMARY

Target Property Address:  
 STRINGFELLOW ROAD & AUTUMN WILLOW DRIVE  
 FAIRFAX, VA 22030

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	INTERNATIONAL COUNTR	13200 LEE JACKSON HW	VA LTANKS, VA UST	Lower	138, 0.026, SW
<a href="#">A2</a>	CVS PHARMACY 1417	13031 LEE JACKSON HW	PA MANIFEST	Higher	825, 0.156, SE
<a href="#">A3</a>	CVS PHARMACY #1417	13031 LEE-JACKSON HI	RCRA-LQG, FINDS, ECHO	Higher	825, 0.156, SE
<a href="#">A4</a>	GREENBRIAR DRY CLEAN	13009 LEE-JACKSON HW	VA INST CONTROL, VA VCP	Lower	1026, 0.194, ESE
<a href="#">5</a>	SHELL 139447	13401 LEE HWY	VA LTANKS	Lower	1915, 0.363, WSW
<a href="#">6</a>	COLONIAL PIPELINE-CH	13100 MOORE RD	VA LTANKS, VA SPILLS, US AIRS, FINDS, ECHO	Higher	2221, 0.421, South

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

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

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

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

#### ***Federal CERCLIS NFRAP site list***

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

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

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

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### ***Federal RCRA generators list***

RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

#### ***Federal institutional controls / engineering controls registries***

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

## EXECUTIVE SUMMARY

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent CERCLIS***

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

### ***State and tribal landfill and/or solid waste disposal site lists***

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

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

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

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

VA ENG CONTROLS..... Engineering Controls Sites Listing

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

VA BROWNFIELDS..... Brownfields Site Specific Assessments

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

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

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

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

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

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

## EXECUTIVE SUMMARY

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

VA SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

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

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

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 MINES..... Mines Master Index File

ABANDONED MINES..... Abandoned Mines

UXO..... Unexploded Ordnance Sites

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

FUELS PROGRAM..... EPA Fuels Program Registered Listing

VA AIRS..... Permitted Airs Facility List

VA NPDES..... Comprehensive Environmental Data System

VA COAL ASH..... Coal Ash Disposal Sites

VA DRYCLEANERS..... Drycleaner List

VA ENF..... Enforcement Actions Data

VA Financial Assurance..... Financial Assurance Information Listing

VA TIER 2..... Tier 2 Information Listing

VA UIC..... Underground Injection Control Wells

## EXECUTIVE SUMMARY

### 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***

VA RGA LF..... Recovered Government Archive Solid Waste Facilities List  
VA 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

#### ***Federal RCRA generators list***

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CVS PHARMACY #1417</i></b> EPA ID:: VAR000522292	<b><i>13031 LEE-JACKSON HI</i></b>	<b><i>SE 1/8 - 1/4 (0.156 mi.)</i></b>	<b><i>A3</i></b>	<b><i>16</i></b>

## EXECUTIVE SUMMARY

### State and tribal leaking storage tank lists

VA LTANKS: The Leaking Tanks Database contains current Leaking petroleum tanks. The data comes from the Department of Environmental Quality.

A review of the VA LTANKS list, as provided by EDR, and dated 02/05/2019 has revealed that there are 3 VA LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COLONIAL PIPELINE-CH</b> Facility Status: Closed CEDS Facility Id: 200000185928 Pollution Complaint #: 20093195 Pollution Complaint #: 19954084	<b>13100 MOORE RD</b>	<b>S 1/4 - 1/2 (0.421 mi.)</b>	<b>6</b>	<b>29</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>INTERNATIONAL COUNTR</b> Facility Status: Closed CEDS Facility Id: 200000077390 Pollution Complaint #: 20123160	<b>13200 LEE JACKSON HW</b>	<b>SW 0 - 1/8 (0.026 mi.)</b>	<b>1</b>	<b>8</b>
<b>SHELL 139447</b> Facility Status: Closed CEDS Facility Id: 200000193490 Pollution Complaint #: 20073268	<b>13401 LEE HWY</b>	<b>WSW 1/4 - 1/2 (0.363 mi.)</b>	<b>5</b>	<b>29</b>

### State and tribal registered storage tank lists

VA 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 VA UST list, as provided by EDR, and dated 02/04/2019 has revealed that there is 1 VA UST 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>
<b>INTERNATIONAL COUNTR</b> Tank Status: REM FROM GRD Facility Id: 3026049 CEDS Facility ID: 200000077390	<b>13200 LEE JACKSON HW</b>	<b>SW 0 - 1/8 (0.026 mi.)</b>	<b>1</b>	<b>8</b>

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

Sites included in the Voluntary Remediation Program that have Deed Restrictions.

A review of the VA INST CONTROL list, as provided by EDR, and dated 01/07/2019 has revealed that there is 1 VA INST CONTROL site within approximately 0.5 miles of the target property.

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GREENBRIAR DRY CLEAN</b> Facility ID: VRP00225	<b>13009 LEE-JACKSON HW</b>	<b>ESE 1/8 - 1/4 (0.194 mi.)</b>	<b>A4</b>	<b>26</b>

### ***State and tribal voluntary cleanup sites***

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

A review of the VA VCP list, as provided by EDR, and dated 01/07/2019 has revealed that there is 1 VA VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GREENBRIAR DRY CLEAN</b> Facility ID: VRP00225	<b>13009 LEE-JACKSON HW</b>	<b>ESE 1/8 - 1/4 (0.194 mi.)</b>	<b>A4</b>	<b>26</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Other Ascertainable Records***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

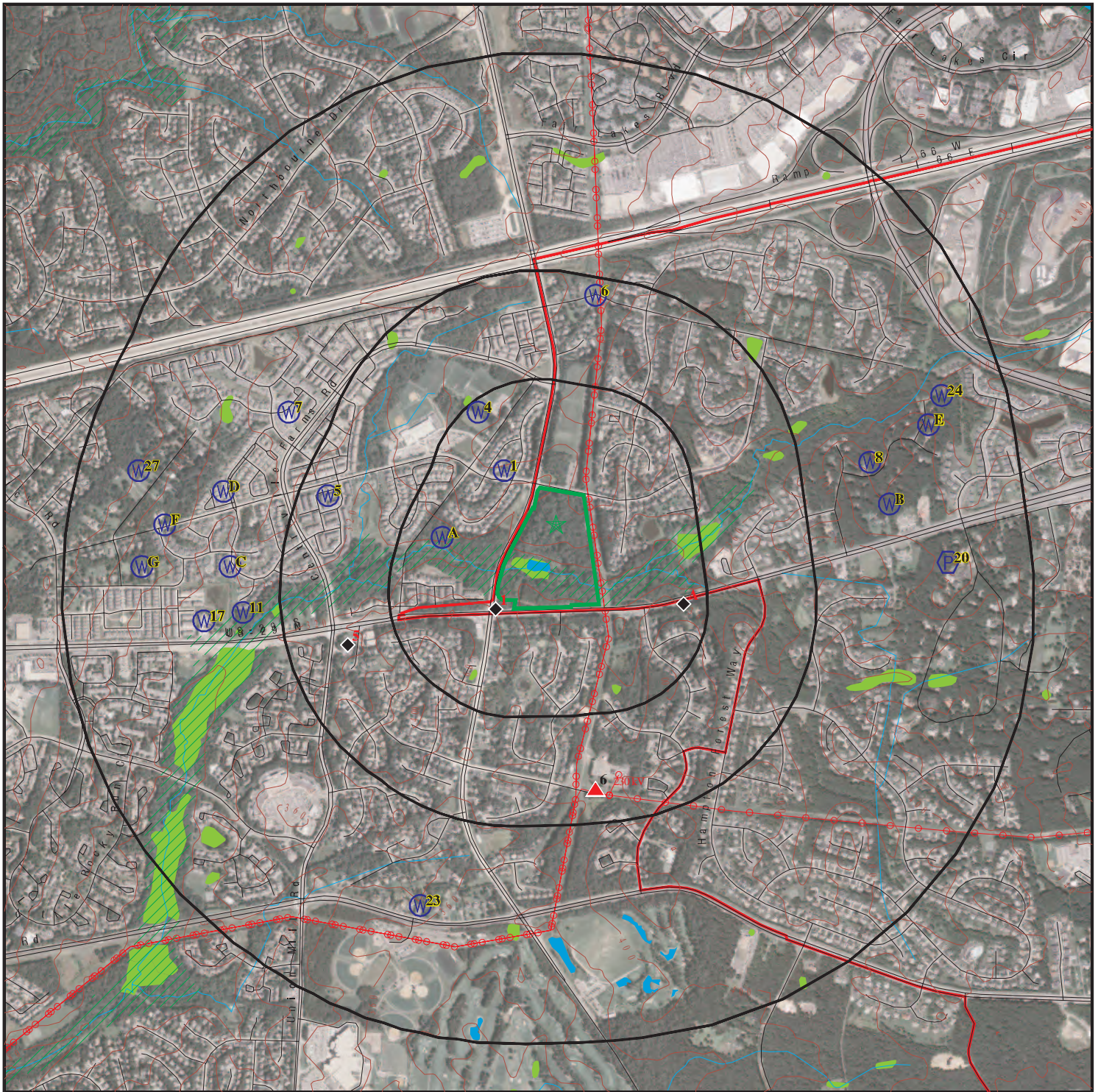
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CVS PHARMACY 1417 Generator EPA Id: VAR000522292	13031 LEE JACKSON HW	SE 1/8 - 1/4 (0.156 mi.)	A2	11

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

<u>Site Name</u>	<u>Database(s)</u>
COUNTY OF FAIRFAX - LINCOLN-LEWIS-	VA TIER 2
NEWGATE SHOPPING CENTER	VA LUST, VA SPILLS
EXXON #2-5355	VA LUST
ROCKWELL INTERNATIONAL	VA LUST
SISLERS	VA LUST
CHANTILLY HIGH SCHOOL (FFXC)	VA LUST
RAYCOM BUILDING	VA LTANKS
STRINGFELLOW ROAD PROJECT	VA LTANKS
WESTMORE SHOPPING CENTER	VA LTANKS
FAIRFAX COUNTY PLYMOUTH	VA SPILLS

# OVERVIEW MAP - 5623180.2S



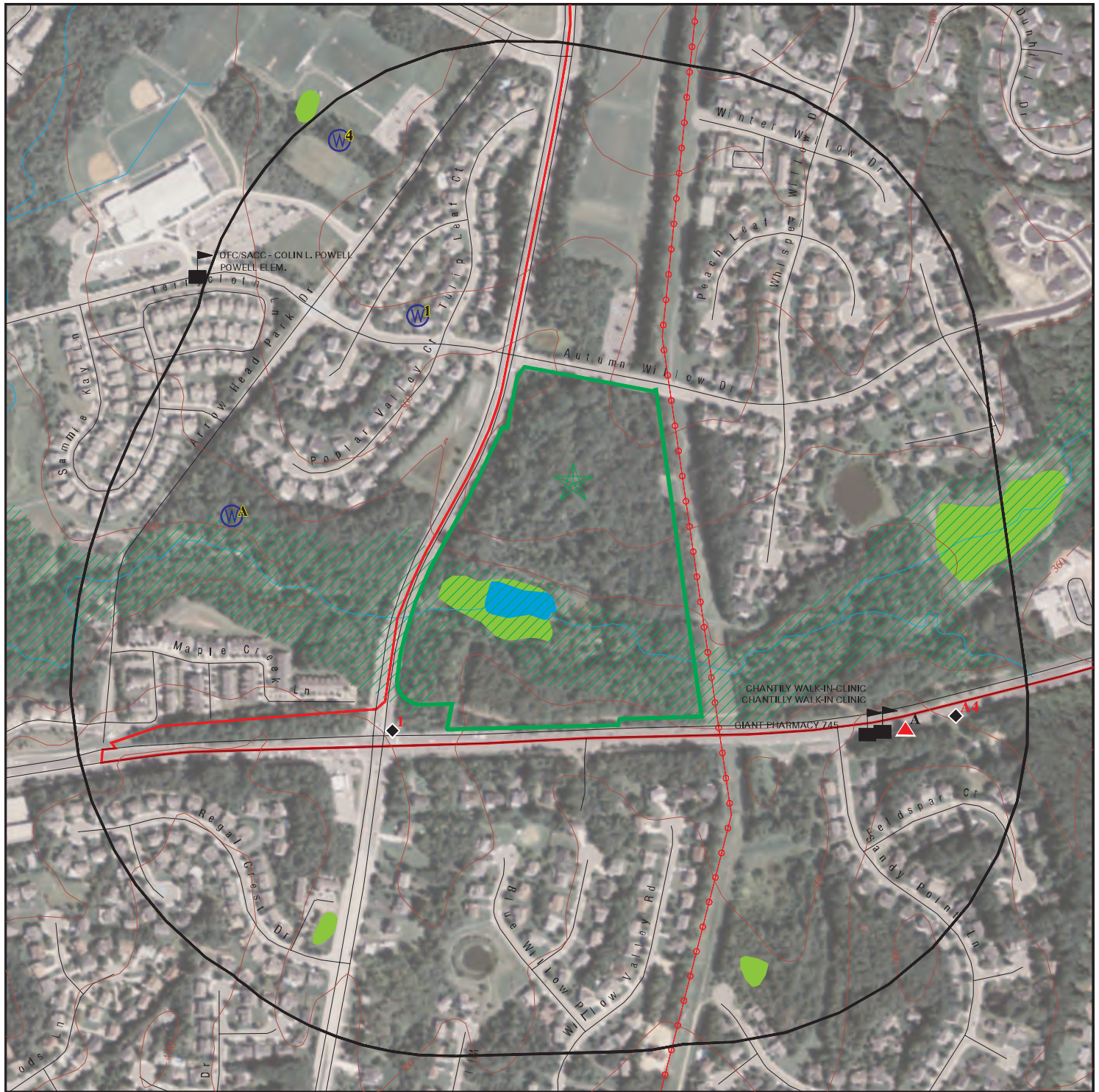
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- 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: Fairfax County DGS  
 ADDRESS: Stringfellow Road & Autumn Willow Drive  
 Fairfax VA 22030  
 LAT/LONG: 38.843004 / 77.401949

CLIENT: PSI, Inc.  
 CONTACT: Ariel Yeakel  
 INQUIRY #: 5623180.2s  
 DATE: April 16, 2019 3:06 pm

# DETAIL MAP - 5623180.2S



- 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
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- 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: Fairfax County DGS  
 ADDRESS: Stringfellow Road & Autumn Willow Drive  
 Fairfax VA 22030  
 LAT/LONG: 38.843004 / 77.401949

CLIENT: PSI, Inc.  
 CONTACT: Ariel Yeakel  
 INQUIRY #: 5623180.2s  
 DATE: April 16, 2019 3:09 pm

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
VA SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
VA SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
VA LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
VA LTANKS	0.500		1	0	2	NR	NR	3
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
VA UST	0.250		1	0	NR	NR	NR	1
VA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
VA ENG CONTROLS	0.500		0	0	0	NR	NR	0
VA INST CONTROL	0.500		0	1	0	NR	NR	1
<b>State and tribal voluntary cleanup sites</b>								
VA VCP	0.500		0	1	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
VA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
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
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
VA SPILLS	TP		NR	NR	NR	NR	NR	0
VA SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
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

## 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
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
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
VA AIRS	TP		NR	NR	NR	NR	NR	0
VA NPDES	TP		NR	NR	NR	NR	NR	0
VA COAL ASH	0.500		0	0	0	NR	NR	0
VA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
VA ENF	TP		NR	NR	NR	NR	NR	0
VA Financial Assurance	TP		NR	NR	NR	NR	NR	0
PA MANIFEST	0.250		0	1	NR	NR	NR	1
VA TIER 2	TP		NR	NR	NR	NR	NR	0
VA UIC	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

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

VA RGA LF	TP	NR	NR	NR	NR	NR	0
-----------	----	----	----	----	----	----	---

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
VA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	4	2	0	0	8

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
SW  
< 1/8  
0.026 mi.  
138 ft.

INTERNATIONAL COUNTRY CLUB  
13200 LEE JACKSON HWY  
FAIRFAX, VA 22033

VA LTANKS  
VA UST

U003682400  
N/A

Relative:  
Lower

Actual:  
337 ft.

LTANKS:

Region: NRO  
CEDS Facility Id: 200000077390  
**Case Status:** Closed  
Pollution Complaint #: 20123160  
Reported: 03/26/2012  
Case Closed Date: 07/27/2012  
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:

Facility Id: 3026049  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000077390

Owner:

Owner Id: 28509  
Owner Name: International Country Club  
Owner Address: 13200 Lee Jackson Hwy  
Owner Address2: Not reported  
Owner City, State, Zip: Fairfax, VA 22033  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 2

UST:

Facility ID: 3026049  
Federally Regulated: Yes

Tank Number: R1  
Tank Capacity: 1000  
Tank Contents: GASOLINE  
**Tank Status:** REM FROM GRD  
Tank Type: UST

Tank Material:

Install Date: 11/1/1987  
Tank Materials: Bare Steel No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL COUNTRY CLUB (Continued)**

**U003682400**

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	Yes
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	Yes
Tank Release Detection: Inventory	Yes
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	Yes
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	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:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	Yes
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:	3026049
Federally Regulated:	Yes

Tank Number:	R2
--------------	----

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL COUNTRY CLUB (Continued)**

**U003682400**

Tank Capacity:	1000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	11/1/1987
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	Yes
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	Yes
Tank Release Detection: Inventory	Yes
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	Yes
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	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:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	Yes
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL COUNTRY CLUB (Continued)**

**U003682400**

Pipe Materials: Other  
Pipe Materials: Other Note

No  
Not reported

**A2**  
**SE**  
**1/8-1/4**  
**0.156 mi.**  
**825 ft.**

**CVS PHARMACY 1417**  
**13031 LEE JACKSON HWY**  
**FAIRFAX, VA 22033**

**PA MANIFEST** **S118068979**  
**N/A**

**Site 1 of 3 in cluster A**

**Relative:**  
**Higher**

**Manifest Details:**

**Actual:**  
**369 ft.**

Year: 2017  
Manifest Number: 010056164FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 08/30/2017  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: D007  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 7  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2017  
Manifest Number: 009357730FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 04/25/2017  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D010  
Container Number: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY 1417 (Continued)**

**S118068979**

Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 2  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2017  
Manifest Number: 009357730FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 04/25/2017  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: P001  
Container Number: 1  
Container Type: Burlap, cloth, paper or plastic bags  
Waste Quantity: 1  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2017  
Manifest Number: 010056164FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 08/30/2017  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: P001  
Container Number: 1  
Container Type: Burlap, cloth, paper or plastic bags  
Waste Quantity: 1  
Unit: Pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY 1417 (Continued)**

**S118068979**

Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2017  
Manifest Number: 009357730FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 04/25/2017  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 3  
Waste Number: D001  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 65  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2017  
Manifest Number: 009357730FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 04/25/2017  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D007  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 2  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY 1417 (Continued)**

**S118068979**

Year: 2015  
Manifest Number: 007354783FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 04/03/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: U002  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 7  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2015  
Manifest Number: 008451254FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 06/03/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 20  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2015  
Manifest Number: 000958946PSC  
Manifest Type: TSD Copy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY 1417 (Continued)**

**S118068979**

Generator EPA Id: VAR000522292  
Generator Date: 02/27/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D011  
Container Number: 3  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 520  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2015  
Manifest Number: 006429039FLE  
Manifest Type: TSD Copy  
Generator EPA Id: VAR000522292  
Generator Date: 10/08/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 2  
Container Type: Burlap, cloth, paper or plastic bags  
Waste Quantity: 65  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
23 additional PA\_MANIFEST: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

A3  
SE  
1/8-1/4  
0.156 mi.  
825 ft.

CVS PHARMACY #1417  
13031 LEE-JACKSON HIGHWAY  
FAIRFAX, VA 22033

Site 2 of 3 in cluster A

RCRA-LQG  
FINDS  
ECHO

1014962070  
VAR000522292

Relative:  
Higher

RCRA-LQG:

Actual:  
369 ft.

Date form received by agency: 06/03/2016  
Facility name: CVS PHARMACY #1417  
Facility address: 13031 LEE-JACKSON HIGHWAY  
FAIRFAX, VA 22033  
EPA ID: VAR000522292  
Mailing address: CVS DRIVE  
MAIL DROP 23062A  
WOONSOCKET, RI 02895  
Contact: NICOLE L WILKINSON  
Contact address: CVS DR MC 2340  
WOONSOCKET, RI 02895  
Contact country: US  
Contact telephone: 401-770-7132  
Contact email: NICOLE.WILKINSON@CVSHEALTH.COM  
EPA Region: 03  
Land type: Private  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: MACQUARIE COUNTRYWIDE-REGENCY II, LLC  
Owner/operator address: GALLOWS RD STE 1000  
VIENNA, VA 22182  
Owner/operator country: US  
Owner/operator telephone: 703-442-4300  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 11/24/1969  
Owner/Op end date: Not reported

Owner/operator name: MACQUARIE COUNTRYWIDE-REGENCY II, LLC  
Owner/operator address: GALLOWS RD STE 1000  
VIENNA, VA 22182  
Owner/operator country: US  
Owner/operator telephone: 703-442-4300  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 11/24/1969  
Owner/Op end date: Not reported

Owner/operator name: VIRGINIA CVS PHARMACY, L.L.C.  
Owner/operator address: Not reported

Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 11/24/1969  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

. Waste code: D001  
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D007  
. Waste name: CHROMIUM

. Waste code: D009  
. Waste name: MERCURY

. Waste code: D010  
. Waste name: SELENIUM

. Waste code: P001  
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

. Waste code: P075  
. Waste name: NICOTINE, & SALTS

. Waste code: U002  
. Waste name: ACETONE (I)

Historical Generators:

Date form received by agency: 06/03/2015

Site name: CVS PHARMACY #1417

Classification: Large Quantity Generator

. Waste code: D001  
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002  
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D004  
. Waste name: ARSENIC

. Waste code: D005  
. Waste name: BARIUM

. Waste code: D006  
. Waste name: CADMIUM

. Waste code: D007  
. Waste name: CHROMIUM

. Waste code: D008  
. Waste name: LEAD

. Waste code: D009  
. Waste name: MERCURY

. Waste code: D010  
. Waste name: SELENIUM

. Waste code: D011  
. Waste name: SILVER

. Waste code: D016  
. Waste name: 2,4-D

. Waste code: D018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

. Waste name:	BENZENE
. Waste code:	D024
. Waste name:	M-CRESOL
. Waste code:	D026
. Waste name:	CRESOL
. Waste code:	D027
. Waste name:	1,4-DICHLOROBENZENE
. Waste code:	D035
. Waste name:	METHYL ETHYL KETONE
. Waste code:	D039
. Waste name:	TETRACHLOROETHYLENE
. Waste code:	P001
. Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
. Waste code:	P012
. Waste name:	ARSENIC OXIDE AS2O3
. Waste code:	P075
. Waste name:	NICOTINE, & SALTS
. Waste code:	P081
. Waste name:	NITROGLYCERINE (R)
. Waste code:	P188
. Waste name:	BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-
. Waste code:	U002
. Waste name:	ACETONE (I)
. Waste code:	U010
. Waste name:	AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
. Waste code:	U031
. Waste name:	1-BUTANOL (I)
. Waste code:	U034
. Waste name:	ACETALDEHYDE, TRICHLORO-
. Waste code:	U035
. Waste name:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-
. Waste code:	U044
. Waste name:	CHLOROFORM
. Waste code:	U058
. Waste name:	CYCLOPHOSPHAMIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

. Waste code:	U059
. Waste name:	DAUNOMYCIN
. Waste code:	U070
. Waste name:	BENZENE, 1,2-DICHLORO-
. Waste code:	U072
. Waste name:	BENZENE, 1,4-DICHLORO-
. Waste code:	U089
. Waste name:	DIETHYLSTILBESTEROL
. Waste code:	U122
. Waste name:	FORMALDEHYDE
. Waste code:	U129
. Waste name:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-
. Waste code:	U132
. Waste name:	HEXACHLOROPHENE
. Waste code:	U150
. Waste name:	MELPHALAN
. Waste code:	U151
. Waste name:	MERCURY
. Waste code:	U154
. Waste name:	METHANOL (I)
. Waste code:	U165
. Waste name:	NAPHTHALENE
. Waste code:	U188
. Waste name:	PHENOL
. Waste code:	U200
. Waste name:	RESERPINE
. Waste code:	U201
. Waste name:	1,3-BENZENEDIOL
. Waste code:	U204
. Waste name:	SELENIOUS ACID
. Waste code:	U205
. Waste name:	SELENIUM SULFIDE
. Waste code:	U206
. Waste name:	GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-
. Waste code:	U210
. Waste name:	ETHENE, TETRACHLORO-
. Waste code:	U279
. Waste name:	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

- . Waste code: U411
- . Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Date form received by agency: 04/24/2014

Site name: CVS PHARMACY #1417

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: D004
- . Waste name: ARSENIC

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D016
- . Waste name: 2,4-D

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D024
- . Waste name: M-CRESOL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

. Waste code:	D026
. Waste name:	CRESOL
. Waste code:	D027
. Waste name:	1,4-DICHLOROBENZENE
. Waste code:	D035
. Waste name:	METHYL ETHYL KETONE
. Waste code:	D039
. Waste name:	TETRACHLOROETHYLENE
. Waste code:	P001
. Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
. Waste code:	P012
. Waste name:	ARSENIC OXIDE AS2O3
. Waste code:	P075
. Waste name:	NICOTINE, & SALTS
. Waste code:	P081
. Waste name:	NITROGLYCERINE (R)
. Waste code:	P188
. Waste name:	BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-
. Waste code:	U002
. Waste name:	ACETONE (I)
. Waste code:	U010
. Waste name:	AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
. Waste code:	U031
. Waste name:	1-BUTANOL (I)
. Waste code:	U034
. Waste name:	ACETALDEHYDE, TRICHLORO-
. Waste code:	U035
. Waste name:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-
. Waste code:	U044
. Waste name:	CHLOROFORM
. Waste code:	U058
. Waste name:	CYCLOPHOSPHAMIDE
. Waste code:	U059
. Waste name:	DAUNOMYCIN
. Waste code:	U070

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

. Waste name:	BENZENE, 1,2-DICHLORO-
. Waste code:	U072
. Waste name:	BENZENE, 1,4-DICHLORO-
. Waste code:	U089
. Waste name:	DIETHYLSTILBESTEROL
. Waste code:	U122
. Waste name:	FORMALDEHYDE
. Waste code:	U129
. Waste name:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-
. Waste code:	U132
. Waste name:	HEXACHLOROPHENE
. Waste code:	U150
. Waste name:	MELPHALAN
. Waste code:	U151
. Waste name:	MERCURY
. Waste code:	U154
. Waste name:	METHANOL (I)
. Waste code:	U165
. Waste name:	NAPHTHALENE
. Waste code:	U188
. Waste name:	PHENOL
. Waste code:	U200
. Waste name:	RESERPINE
. Waste code:	U201
. Waste name:	1,3-BENZENEDIOL
. Waste code:	U204
. Waste name:	SELENIOUS ACID
. Waste code:	U205
. Waste name:	SELENIUM SULFIDE
. Waste code:	U206
. Waste name:	GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-
. Waste code:	U210
. Waste name:	ETHENE, TETRACHLORO-
. Waste code:	U279
. Waste name:	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
. Waste code:	U411
. Waste name:	PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

Date form received by agency: 04/19/2012

Site name: CVS PHARMACY #1417

Classification: Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D011

. Waste name: SILVER

. Waste code: P001

. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042

. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

. Waste code: P075

. Waste name: NICOTINE, & SALTS

. Waste code: P081

. Waste name: NITROGLYCERINE (R)

**Biennial Reports:**

Last Biennial Reporting Year: 2017

**Annual Waste Handled:**

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 237

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 44

Waste code: D009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

Waste name:	MERCURY
Amount (Lbs):	7
Waste code:	D010
Waste name:	SELENIUM
Amount (Lbs):	44
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	520
Waste code:	P001
Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs):	8
Waste code:	P075
Waste name:	NICOTINE, & SALTS
Amount (Lbs):	8
Waste code:	U002
Waste name:	ACETONE (I)
Amount (Lbs):	68

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	State Statute or Regulation
Date violation determined:	07/16/2014
Date achieved compliance:	06/19/2017
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	09/22/2014
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	State Statute or Regulation
Date violation determined:	07/16/2014
Date achieved compliance:	06/19/2017
Violation lead agency:	State
Enforcement action:	Referral to Enforcement
Enforcement action date:	09/22/2014
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	06/19/2017
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #1417 (Continued)**

**1014962070**

Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/22/2014  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: State Statute or Regulation  
Date achieved compliance: 06/19/2017  
Evaluation lead agency: State

Evaluation date: 07/16/2014  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: State Statute or Regulation  
Date achieved compliance: 06/19/2017  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110046407964

Environmental Interest/Information System  
TSCA SUBMITTER

**COMPLIANCE AND EMISSIONS REPORTING**

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

**HAZARDOUS WASTE BIENNIAL REPORTER**

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

**ECHO:**

Envid: 1014962070  
Registry ID: 110046407964  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110046407964>

**A4**  
**ESE**  
**1/8-1/4**  
**0.194 mi.**  
**1026 ft.**

**GREENBRIAR DRY CLEANERS**  
**13009 LEE-JACKSON HWY**  
**FAIRFAX, VA**

**VA INST CONTROL** **S106120312**  
**VA VCP** **N/A**

**Site 3 of 3 in cluster A**

**Relative:**  
**Lower**  
**Actual:**  
**358 ft.**

INST CONTROL:  
Facility ID: VRP00225  
Corrective Action Desc: Duel phase extraction followed by injection of sodium permanganate  
Ground Water Use Restriction: True  
Res. Use Restriction: True  
Excavation Restriction: False  
Other Condition of Issuance: False  
Notes: 6/25/2010 Reissued certificate with new residential restriction

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENBRIAR DRY CLEANERS (Continued)**

**S106120312**

2/3/2010 Request to change residentail use restriction wording  
12/22/2009 Certificate issued 12/11/2009 Revised VRP report approved  
9/9/2009 Revised VRP report submitted 10-1-09 New owner info J. Keith  
Lebor Property Manager Regency Centers 1919 Gallows Road, Suite 1000  
Vienna, VA 22182 Phone: (703) 442-4300 KeithLebor@regencycenters.com  
11/3/98 letter from S.Lively to Dennis Treacy stating that court suit  
being filed under RCRA due to "release and/or disposal of H.Waste to  
drain. Monitor court case closely due to eligibility status. DEQ site  
visit 1/10/02. Remediation system discontinued. Monitoring required  
to verify levels- look for rebound. The participant is proposing new  
risk-based cleanup levels. June report shows some increase in PCE  
concs. Plume not stable enough to evaluate risk. In-situ chemical  
oxidation has been initiated at the site in 2004. The ground water is  
currently monitored for the presence of permaganate. Sampling will  
resume after permaganate has dissipated. 4-5-06, GJG site visit.

**VRP:**

Facility ID: VRP00225  
Site Status: Certificate Issued  
Site Status 2: Recordation on File  
DEQ Region: Northern  
Sizs in Acres: 3.77  
Site Type: Dry Cleaner  
Corrective Action Desc: Duel phase extraction followed by injection of sodium permanganate  
Owner Name: Regency Centers  
Owner Contact: J. Keith Lebor  
Owner Address: 1919 Gallows Road, Suite 1000,Vienna, VA 22182  
Owner Phone: 7034424300  
Operator Name: Not reported  
Operator Owner: Not reported  
Operator Phone: Not reported  
Participant Name: CH Realty II/Greenbriar, L.P.  
Relationship to Site: Not reported  
Participant Contact: Charles I. Frazier  
Participant Phone: 214-661-8000  
Participant Title: Crow Holdings Asset Manager  
Participant Affiliation: CH Realty II/Greenbriar, L.P.  
Participant Address: 3819 Maple Avenue  
Participant City,St,Zip: Dallas, TX 75219  
Additional Parts: Not reported  
Participation Notes: Not reported  
Participant Rep/Contractor: Gary Walters  
Participant Rep/Contractor Phone: 410-266-0006  
Participant Rep/Contractor Title: Not reported  
Participant Rep/Contractor Affiliation: ERM  
Participant Rep/Contractor Address: Not reported  
Participant Rep/Contractor City,St,Zip: Annapolis, MD  
Metal Contaminants Present in Soil: Not reported  
Organic Contaminants Present in Soil: PCE  
Metal Contaminants Present in GW: Not reported  
Organic Contaminants Present GW: PCE  
DEQ Staff Case Manager's Initials: GJG  
Cleanup Standards: Tier III  
No Further VRP Action Date: Not reported  
Date Participant Notified of NFA: Not reported  
Certification Date: 06/25/2010  
Deed Received Date: 07/23/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENBRIAR DRY CLEANERS (Continued)**

**S106120312**

Terms of NFA Determination: Not reported  
Date VRP Eligibility Declared by Participant: 09/26/1998  
Date VRP Eligibility Determined by DEQ Region: 11/13/1998  
Dt Office Of Waste Permitting Verified Site Eligblty: Not reported  
Date VRP Eligibility Determined by VRP: 12/02/1998  
Date Signed Agreement Submitted By Participant: Not reported  
Date Agreement Executed by DEQ: Not reported  
Registration Fee Amount Submitted by Participant: 5,000.00  
Date Registration Fee Submitted by Participant: 12/11/1998  
Site Characterization Document Number: Not reported  
DEQ Concurrence with Site Characterization Date: Not reported  
Remedial Action Work Plan Document Number: Not reported  
DEQ Concurs with Remedial Action Work Plan Date: Not reported  
Completion Report Document Number: Not reported  
DEQ Concurs with Completion Report Date: Not reported  
Submittal Date for Document Number 1: Not reported  
Title of Submitted Document Number 1: Not reported  
Submittal Date for Document Number 2: Not reported  
Title of Submitted Document Number 2: Not reported  
Submittal Date for Document Number 3: 01/19/2001  
Title of Submitted Document Number 3: Remediation Progress Report  
Submittal Date for Document Number 4: 02/21/2002  
Title of Submitted Document Number 4: Post-Remediation Risk Assessment  
Submittal Date for Document Number 5: 04/06/2006  
Title of Submitted Document Number 5: Request for certificate  
Submittal Date for Document Number 6: 03/27/2008  
Title of Submitted Document Number 6: GW and subslab Vapor Monitoring Report  
Submittal Date for Document Number 7: 09/09/2009  
Title of Submitted Document Number 7: Revised Post-Remediation Risk Assessment/Completion Report  
Submittal Date for Document Number 8: 02/03/2010  
Title of Submitted Document Number 8: Addendum to Post-Remediation Risk Assessment  
DEQ Response Incident ID Number: Not reported  
EPA CERCLIS ID: Not reported  
EPA RCRA ID NUMBER: Not reported  
DEQ Pollution Complaint Number: Not reported  
Latest Action Relative To Site: Cert recorded 7-23-10 not sent to us until 12-14-10  
Latest Action Relative To Site Date: 12/14/2010  
Next VRP Step Needed Relating To Site: Not reported  
Pending Since: Not reported  
Date Next Step Should Be Completed: Not reported  
Lat/Long: 38.85432 / -77.28523  
Brownfield Tax Incentive: Not reported  
Ground Water Use Restriction: True  
Res. User Restriction: True  
Excavation Restriction: False  
Unrestricted: False  
Other Condition of Issuance: False  
GPS Lat: 38.87832  
GPS Long: -77.3976  
GPS Desc: Not reported  
Notes: 6/25/2010 Reissued certificate with new residential restriction  
2/3/2010 Request to change residential use restriction wording  
12/22/2009 Certificate issued 12/11/2009 Revised VRP report approved  
9/9/2009 Revised VRP report submitted 10-1-09 New owner info J. Keith  
Lebor Property Manager Regency Centers 1919 Gallows Road, Suite 1000  
Vienna, VA 22182 Phone: (703) 442-4300 KeithLebor@regencycenters.com  
11/3/98 letter from S.Lively to Dennis Treacy stating that court suit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENBRIAR DRY CLEANERS (Continued)**

**S106120312**

being filed under RCRA due to "release and/or disposal of H.Waste to drain. Monitor court case closely due to eligibility status. DEQ site visit 1/10/02. Remediation system discontinued. Monitoring required to verify levels- look for rebound. The participant is proposing new risk-based cleanup levels. June report shows some increase in PCE concs. Plume not stable enough to evaluate risk. In-situ chemical oxidation has been initiated at the site in 2004. The ground water is currently monitored for the presence of permanganate. Sampling will resume after permanganate has dissipated. 4-5-06, GJG site visit.

**5**  
**WSW**  
**1/4-1/2**  
**0.363 mi.**  
**1915 ft.**

**SHELL 139447**  
**13401 LEE HWY**  
**CENTREVILLE, VA 20120**

**VA LTANKS** **S108521567**  
**N/A**

**Relative:**  
**Lower**

**LTANKS:**

**Actual:**  
**330 ft.**

Region: NRO  
CEDS Facility Id: 200000193490  
**Case Status:** **Closed**  
Pollution Complaint #: 20073268  
Reported: 06/25/2007  
Case Closed Date: 11/01/2007  
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

**6**  
**South**  
**1/4-1/2**  
**0.421 mi.**  
**2221 ft.**

**COLONIAL PIPELINE-CHANTILLY STATION**  
**13100 MOORE RD**  
**CHANTILLY, VA 20151**

**VA LTANKS** **1006266592**  
**VA SPILLS** **N/A**  
**US AIRS**  
**FINDS**  
**ECHO**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**389 ft.**

Region: NRO  
CEDS Facility Id: 200000185928  
**Case Status:** **Closed**  
Pollution Complaint #: 20093195  
Reported: 05/12/2009  
Case Closed Date: 09/24/2009  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLONIAL PIPELINE-CHANTILLY STATION (Continued)**

**1006266592**

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: Y  
Unknown Y/N: N  
Other Description: Pipeline  
Heating Oil Category: Not reported

Region: NRO  
CEDS Facility Id: 200000185928  
**Case Status:** **Closed**  
Pollution Complaint #: 19954084  
Reported: 10/11/1994  
Case Closed Date: 01/16/1996  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): 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

**SPILLS:**

Fips City/County: Fairfax County  
Status: Closed  
Reference Id: 16201  
IR Number: 2013-N-0886  
Associated IR: Not reported  
Incident Date: 10/09/2012  
Call Received Date: 10/10/2012  
Closure Comments: NFA. Spill was remediated.  
Threat To: Not reported  
Terrorism (Y/N): N  
Characterize Incident: Accidental  
Incident Type: Petroleum  
Incident Subtype: Petroleum \* Pipeline \* Surface Spill  
Materials: Gasoline (109-109 Gallons)  
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: Not reported  
RP Company: Not reported  
RP Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLONIAL PIPELINE-CHANTILLY STATION (Continued)**

**1006266592**

Property Owner:	Not reported
Property Company:	Not reported
Duration Of Event (Hrs):	0
Impacts:	Not reported
Other Impacts:	Not reported
Steps Taken:	Not reported
Steps Taken Description:	Not reported
System Components:	Not reported
Other System Components:	Not reported
Cause Of Event:	Not reported
Corrective Action Taken:	Not reported
Weather Status:	N/A
Precipitation (Wet):	0
Discharge Type:	N/A
Discharge Volume:	0
Unknown Discharge (Y/N):	N
Site Name:	COLONIAL PIPELINE-CHANTILLY STATION
Closure Date:	01/16/2013
Orig. Call Incident Description:	CALLER REPORTING A PINHOLE SIZED RUPTURE IN A DRAINPIPE HAS CAUSED AT LEAST A 20 GAL RELEASE OF OIL INTO A CONTAINMENT SYSTEM. CALLER ADVISED RELEASE COULD BE UP TO 25 GAL. CLEAN UP AND ASSESSMENT UNDERWAY. NO ASSISTANCE REQUESTED.
Original Call Material Description:	oil
Original Call Location Description:	Colonial Pipeline, 13100 Moore Rd, Clifton
Incident Ongoing at time of Call:	N
Agencies Notified (Y/N):	Y
Other Agencies:	DEQ notified Fairfax Co Emergency Servcies
Permitted (Y/N):	N
Call Reported By Company Name:	Colonial Pipeline
Call Property Owner Company Name:	Not reported
Call Property Owner Name:	Not reported
Site Summary:	Discharged petroleum product is described as a gasoline and distillate transmix.
Fips City/County:	Fairfax County
Status:	Not reported
Reference Id:	Not reported
IR Number:	2006-N-0467
Associated IR:	Not reported
Incident Date:	12/11/2005
Call Received Date:	12/11/2005
Closure Comments:	See Site Summary for details
Threat To:	Not reported
Terrorism (Y/N):	NO
Characterize Incident:	Not reported
Incident Type:	Petroleum
Incident Subtype:	Petroleum
Materials:	Odor(-1 - -1 Unknown)
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:	Air
RP Company:	Colonial Pipeline
RP Name:	Not reported
Property Owner:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLONIAL PIPELINE-CHANTILLY STATION (Continued)**

**1006266592**

Property Company:	Not reported
Duration Of Event (Hrs):	Not reported
Impacts:	Not reported
Other Impacts:	Not reported
Steps Taken:	Not reported
Steps Taken Description:	Not reported
System Components:	Not reported
Other System Components:	Not reported
Cause Of Event:	Not reported
Corrective Action Taken:	Not reported
Weather Status:	Not reported
Precipitation (Wet):	Not reported
Discharge Type:	Not reported
Discharge Volume:	Not reported
Unknown Discharge (Y/N):	NO
Site Name:	COLONIAL PIPELINE - CHANTILLY STATION
Closure Date:	12/12/2005
Orig. Call Incident Description:	Maintenance activities at the facility caused odor complaint to be filed by neighbor
Original Call Material Description:	Petroleum Odor (Qty=Unknown)
Original Call Location Description:	Colonial Pipeline - Chantilly Station-13100 Moore Rd-Clifton-VA--Fairfax County
Incident Ongoing at time of Call:	Not reported
Agencies Notified (Y/N):	NO
Other Agencies:	Not reported
Permitted (Y/N):	NO
Call Reported By Company Name:	Greg Hanlon
Call Property Owner Company Name:	Not reported
Call Property Owner Name:	Not reported
Site Summary:	No release to environment.
Fips City/County:	Fairfax County
Status:	Closed
Reference Id:	15384
IR Number:	2013-N-0261
Associated IR:	Not reported
Incident Date:	07/30/2012
Call Received Date:	07/31/2012
Closure Comments:	NFA. Spill was remediated.
Threat To:	Not reported
Terrorism (Y/N):	N
Characterize Incident:	Accidental
Incident Type:	Petroleum
Incident Subtype:	Petroleum * Surface Spill
Materials:	Kerosene (25-35 Gallons)
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:	Not reported
RP Company:	Not reported
RP Name:	Not reported
Property Owner:	Not reported
Property Company:	Not reported
Duration Of Event (Hrs):	0
Impacts:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLONIAL PIPELINE-CHANTILLY STATION (Continued)**

**1006266592**

Other Impacts: Not reported  
Steps Taken: Not reported  
Steps Taken Description: Not reported  
System Components: Not reported  
Other System Components: Not reported  
Cause Of Event: Not reported  
Corrective Action Taken: Not reported  
Weather Status: N/A  
Precipitation (Wet): 0  
Discharge Type: N/A  
Discharge Volume: 0  
Unknown Discharge (Y/N): N  
Site Name: COLONIAL PIPELINE-CHANTILLY STATION  
Closure Date: 01/16/2013  
Orig. Call Incident Description: Approx 25-35 gallon release (#2 oil) from above ground pump fitting/valve. Released occurred to pre existing 8x10ft excavation onsite. Discharged oil was collected by a vac truck. Approx 20 gal in truck was measured as oil. Apporx 3 cubic yds of soil was excavated. Confirmation soil samples were collected. Will run for TPH-DRO. Onsite water supply well was sampled. Reported 07/30/2012 to ST. J Green verbally informed.  
Original Call Material Description: # 2 oil, diesel fuel.  
Original Call Location Description: Colonial Pipe Line-Chantilly Station, 13100 Moore Rd, Clifton,  
Incident Ongoing at time of Call: N  
Agencies Notified (Y/N): N  
Other Agencies: Not reported  
Permitted (Y/N): N  
Call Reported By Company Name: Colonial Pipeline  
Call Property Owner Company Name: Not reported  
Call Property Owner Name: Not reported  
Site Summary: S. Tirch rec'd notification at 9:30 am on 7/30/12 from Rob Shenk (410-970-2126); emailRShenk@ColPipe.com.

**US AIRS MINOR:**

Envid: 1006266592  
Region Code: 03  
Programmatic ID: AIR VA00000051059G0027  
Facility Registry ID: 110010915260  
D and B Number: Not reported  
Primary SIC Code: 4613  
NAICS Code: 486910  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: POF  
Air CMS Category Code: Not reported  
HPV Status: Not reported

**US AIRS MINOR:**

Envid: 1006266592  
Region Code: 03  
Programmatic ID: AIR VA00000051059G0027  
Facility Registry ID: 110010915260  
D and B Number: Not reported  
Primary SIC Code: 4613  
NAICS Code: 486910  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: POF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLONIAL PIPELINE-CHANTILLY STATION (Continued)**

**1006266592**

Air CMS Category Code: Not reported  
HPV Status: Not reported

**FINDS:**

Registry ID: 110010915260

**Environmental Interest/Information System**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

AIR MINOR

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

**ECHO:**

Envid: 1006266592  
Registry ID: 110010915260  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010915260>

Count: 10 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHANTILLY	S104896973	RAYCOM BUILDING	13909 LEE JACKSON HWY	20151	VA LTANKS
CHANTILLY	S106707298	STRINGFELLOW ROAD PROJECT	STRINGFELLOW RD	20151	VA LTANKS
FAIRFAX	S108929385	FAIRFAX COUNTY PLYMOUTH	FX CHRYS/PLYM; 10620 LEE HWY		VA SPILLS
FAIRFAX	S102394110	NEWGATE SHOPPING CENTER	LEE HIGHWAY & CENTREVILLE ROAD	0	VA LUST, VA SPILLS
FAIRFAX	S105983222	EXXON #2-5355	8134 LEE HIGHWAY	0	VA LUST
FAIRFAX	S104406973	ROCKWELL INTERNATIONAL	14625-B LEE ROAD	0	VA LUST
FAIRFAX	S105983425	SISLERS	7139 LEE HIGHWAY	0	VA LUST
FAIRFAX	S105463188	WESTMORE SHOPPING CENTER	MAIN ST AND LEE HWY	22030	VA LTANKS
FAIRFAX	S105983343	CHANTILLY HIGH SCHOOL (FFXC)	4201 STRINGFELLOW ROAD	0	VA LUST
FAIRFAX	S118191930	COUNTY OF FAIRFAX - LINCOLN-LEWIS-	6426 WILLOW SPRINGS SCHOOL ROA	22030	VA TIER 2

## 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

#### ***Federal NPL site list***

##### **NPL: National Priority List**

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

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/05/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

##### **NPL Site Boundaries**

###### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

##### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/05/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	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

### ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 18

Source: EPA  
Telephone: N/A  
Last EDR Contact: 04/05/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

### ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 92

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 04/05/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 02/06/2019  
Date Data Arrived at EDR: 02/15/2019  
Date Made Active in Reports: 03/15/2019  
Number of Days to Update: 28

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 03/14/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Quarterly

### ***Federal CERCLIS NFRAP site list***

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: 02/06/2019	Source: EPA
Date Data Arrived at EDR: 02/15/2019	Telephone: 800-424-9346
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/27/2019
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/27/2019
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/27/2019
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/08/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/27/2019
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 03/27/2019
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/08/2019
	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: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/07/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/27/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 02/04/2019

Date Data Arrived at EDR: 02/08/2019

Date Made Active in Reports: 03/08/2019

Number of Days to Update: 28

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019

Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

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

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Department of Environmental Quality

Telephone: 804-698-4236

Last EDR Contact: 03/18/2019

Next Scheduled EDR Contact: 07/01/2019

Data Release Frequency: N/A

## ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF: Solid Waste Management Facilities

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

Date of Government Version: 03/04/2019

Date Data Arrived at EDR: 03/05/2019

Date Made Active in Reports: 04/10/2019

Number of Days to Update: 36

Source: Department of Environmental Quality

Telephone: 804-698-4238

Last EDR Contact: 03/04/2019

Next Scheduled EDR Contact: 06/17/2019

Data Release Frequency: Semi-Annually

## ***State and tribal leaking storage tank lists***

LUST REG SC: Leaking Underground Storage Tanks

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

Date of Government Version: 09/06/2013

Date Data Arrived at EDR: 09/06/2013

Date Made Active in Reports: 09/17/2013

Number of Days to Update: 11

Source: Department of Environmental Quality, South Central Region

Telephone: 434-582-5120

Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: Semi-Annually

LUST REG TD: Leaking Underground Storage Tank Sites

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

Date of Government Version: 06/30/2013

Date Data Arrived at EDR: 07/05/2013

Date Made Active in Reports: 09/16/2013

Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office

Telephone: trofoia@deq.vir

Last EDR Contact: 09/26/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 06/04/2015

Date Data Arrived at EDR: 06/05/2015

Date Made Active in Reports: 07/07/2015

Number of Days to Update: 32

Source: Department of Environmental Quality West Central Regional Office

Telephone: 540-562-6700

Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 12/06/2011

Date Data Arrived at EDR: 12/08/2011

Date Made Active in Reports: 01/16/2012

Number of Days to Update: 39

Source: Department of Environmental Quality Valley Regional Office

Telephone: 540-574-7800

Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: No Update Planned

### LUST REG NO: Leaking Underground Storage Tank Tracking Database

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

Date of Government Version: 05/18/2004

Date Data Arrived at EDR: 05/22/2004

Date Made Active in Reports: 07/09/2004

Number of Days to Update: 48

Source: Department of Environmental Quality Northern Regional Office

Telephone: 703-583-3800

Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 12/02/2014

Date Data Arrived at EDR: 12/04/2014

Date Made Active in Reports: 01/16/2015

Number of Days to Update: 43

Source: Department of Environmental Quality Piedmont Regional Office

Telephone: 804-527-5020

Last EDR Contact: 08/29/2016

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: Quarterly

### LUST REG 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

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018

Date Data Arrived at EDR: 05/18/2018

Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019

Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LTANKS: Leaking Petroleum Storage Tanks

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

Date of Government Version: 02/05/2019  
Date Data Arrived at EDR: 02/28/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 39

Source: Department of Environmental Quality  
Telephone: 804-698-4010  
Last EDR Contact: 02/28/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

### **State and tribal registered storage tank lists**

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017  
Date Data Arrived at EDR: 05/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 136

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 04/12/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Varies

#### UST: Registered Petroleum Storage Tanks

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

Date of Government Version: 02/04/2019  
Date Data Arrived at EDR: 02/27/2019  
Date Made Active in Reports: 04/05/2019  
Number of Days to Update: 37

Source: Department of Environmental Quality  
Telephone: 804-698-4010  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

#### AST: Registered Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 02/04/2019  
Date Data Arrived at EDR: 02/27/2019  
Date Made Active in Reports: 04/05/2019  
Number of Days to Update: 37

Source: Department of Environmental Quality  
Telephone: 804-698-4010  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

#### INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

#### INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/10/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 01/07/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/08/2019	Telephone: 804-698-4228
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/22/2019
	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: 01/07/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/08/2019	Telephone: 804-698-4228
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### **INDIAN VCP R7: Voluntary Cleanup Priority Listing**

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

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

### **INDIAN VCP R1: Voluntary Cleanup Priority Listing**

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	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: 01/07/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/08/2019	Telephone: 804-698-4228
Date Made Active in Reports: 02/25/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

## ***State and tribal Brownfields sites***

### **BROWNFIELDS: Brownfields Site Specific Assessments**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/2019  
Date Data Arrived at EDR: 01/24/2019  
Date Made Active in Reports: 02/22/2019  
Number of Days to Update: 29

Source: Department of Environmental Quality  
Telephone: 804-698-4207  
Last EDR Contact: 01/24/2019  
Next Scheduled EDR Contact: 05/06/2019  
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: 12/17/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/19/2019  
Next Scheduled EDR Contact: 07/01/2019  
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: 01/29/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

#### **ODI: Open Dump Inventory**

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

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

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

#### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2019  
Next Scheduled EDR Contact: 05/13/2019  
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: 09/21/2018  
Date Data Arrived at EDR: 09/21/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 49

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
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: 09/21/2018  
Date Data Arrived at EDR: 09/21/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 49

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

### **Local Land Records**

#### **LIENS 2: CERCLA Lien Information**

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

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 03/14/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

#### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 02/08/2019  
Date Data Arrived at EDR: 02/08/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 41

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 03/26/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Quarterly

#### **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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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 BRL: Prep/Spills Database Listing

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

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

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

### SPILLS SW: Reportable Spills

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

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

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

### SPILLS TD: PREP Database

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

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

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

### SPILLS 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### SPILLS 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: Prep/Spills Database Listing

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

Date of Government Version: 02/04/2019  
Date Data Arrived at EDR: 02/27/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 40

Source: Department of Environmental Quality  
Telephone: 804-698-4287  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

### SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

### **Other Ascertainable Records**

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

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

Date of Government Version: 03/01/2018  
Date Data Arrived at EDR: 03/28/2018  
Date Made Active in Reports: 06/22/2018  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 03/27/2019  
Next Scheduled EDR Contact: 07/08/2019  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 04/03/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 04/12/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 04/12/2019  
Next Scheduled EDR Contact: 07/22/2019  
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: 02/15/2019  
Next Scheduled EDR Contact: 05/27/2019  
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: 01/31/2019  
Date Data Arrived at EDR: 02/04/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/26/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/08/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

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

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

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

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/08/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/22/2019  
Next Scheduled EDR Contact: 07/01/2019  
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: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/20/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 03/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Annually

### ROD: Records Of Decision

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

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 18

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/14/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RMP: Risk Management Plans

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

Date of Government Version: 02/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2019	Telephone: 202-564-8600
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 01/22/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/06/2019
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 03/14/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/20/2019
	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: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 04/10/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/08/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

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

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

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

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/22/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 03/07/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/05/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017  
Date Data Arrived at EDR: 11/30/2017  
Date Made Active in Reports: 12/15/2017  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 01/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2019  
Date Data Arrived at EDR: 01/03/2019  
Date Made Active in Reports: 03/15/2019  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 04/02/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 12/03/2018  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 01/29/2019  
Next Scheduled EDR Contact: 05/11/2019  
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.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 02/11/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/05/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Biennially

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 04/11/2019  
Next Scheduled EDR Contact: 07/22/2019  
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: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/22/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 04/05/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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: 11/27/2018  
Date Data Arrived at EDR: 02/27/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/01/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/01/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/10/2018  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/21/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (215) 814-5000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/17/2019
	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: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 03/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: 202-564-2280
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/09/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

### 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: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

### AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 01/14/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/17/2019	Telephone: 804-698-4000
Date Made Active in Reports: 04/08/2019	Last EDR Contact: 03/18/2019
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 03/04/2019  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 804-698-4077  
Last EDR Contact: 03/04/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Quarterly

### COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/30/2019  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 804-698-4285  
Last EDR Contact: 03/04/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 11/01/2018  
Date Made Active in Reports: 12/26/2018  
Number of Days to Update: 55

Source: Department of Environmental Quality  
Telephone: 804-698-4407  
Last EDR Contact: 04/08/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Varies

### ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

Date of Government Version: 02/04/2019  
Date Data Arrived at EDR: 02/05/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 62

Source: Department of Environmental Quality  
Telephone: 804-698-4031  
Last EDR Contact: 04/15/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

### 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: 01/30/2019  
Date Data Arrived at EDR: 01/31/2019  
Date Made Active in Reports: 02/22/2019  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 804-698-4205  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

### Financial Assurance 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 01/31/2019  
Date Data Arrived at EDR: 02/05/2019  
Date Made Active in Reports: 04/08/2019  
Number of Days to Update: 62

Source: Department of Environmental Quality  
Telephone: 804-698-4123  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 01/20/2017  
Date Made Active in Reports: 02/14/2017  
Number of Days to Update: 25

Source: Department of Environmental Quality  
Telephone: 804-698-4159  
Last EDR Contact: 03/18/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Annually

### UIC: Underground Injection Control Wells

A listing of underground injection controls wells.

Date of Government Version: 01/29/2019  
Date Data Arrived at EDR: 01/30/2019  
Date Made Active in Reports: 02/25/2019  
Number of Days to Update: 26

Source: Department of Mines, Minerals and Energy  
Telephone: 276-415-9700  
Last EDR Contact: 01/30/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Quarterly

### 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: 02/11/2019  
Date Data Arrived at EDR: 02/12/2019  
Date Made Active in Reports: 03/04/2019  
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/12/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: No Update Planned

##### **NJ MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 07/13/2018  
Date Made Active in Reports: 08/01/2018  
Number of Days to Update: 19

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/10/2019  
Next Scheduled EDR Contact: 07/22/2019  
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: 01/30/2019  
Date Made Active in Reports: 02/14/2019  
Number of Days to Update: 15

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 01/30/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/27/2018  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/15/2019  
Next Scheduled EDR Contact: 07/29/2019  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/19/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 07/09/2018  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/11/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

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

### Electric Power Transmission Line Data

Source: PennWell Corporation

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

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

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

## 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**

FAIRFAX COUNTY DGS  
STRINGFELLOW ROAD & AUTUMN WILLOW DRIVE  
FAIRFAX, VA 22030

### **TARGET PROPERTY COORDINATES**

Latitude (North):	38.843004 - 38° 50' 34.81"
Longitude (West):	77.401949 - 77° 24' 7.02"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	291533.7
UTM Y (Meters):	4301888.5
Elevation:	368 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5950523 MANASSAS, VA
Version Date:	2013

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

Assessment of the impact of contaminant migration generally has two 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).

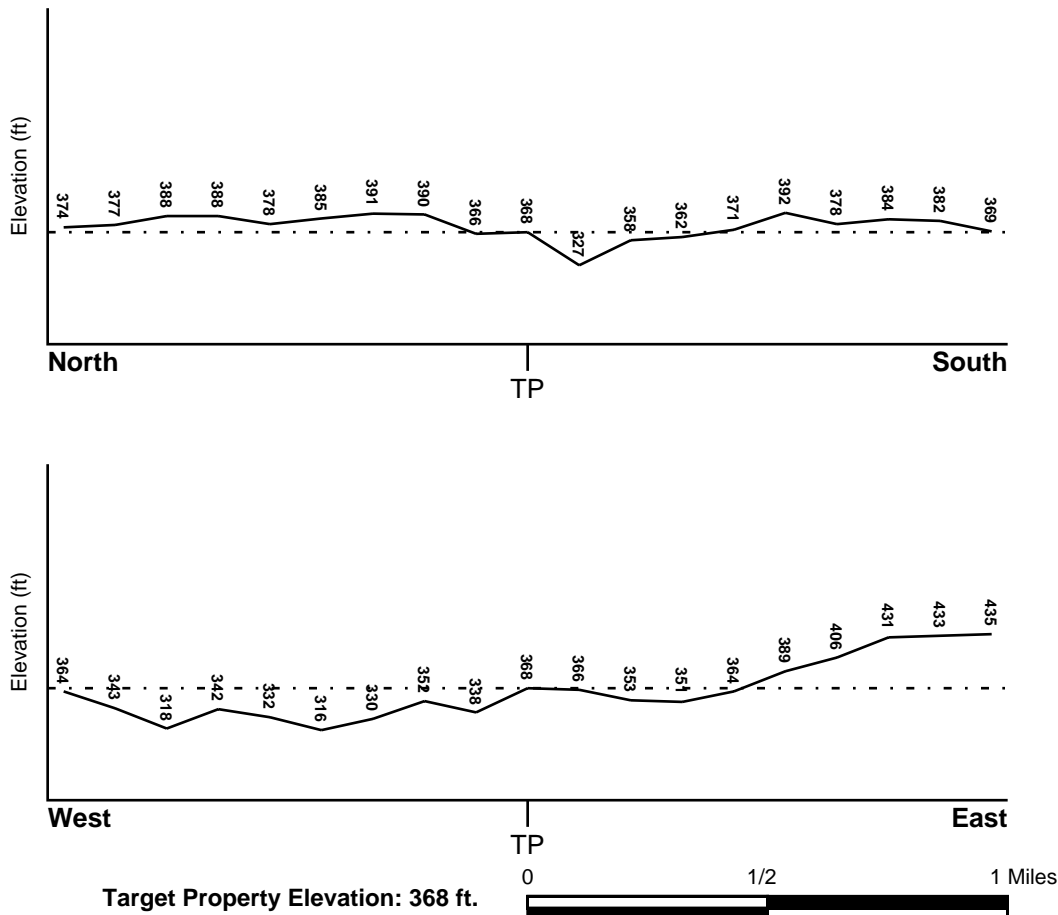
### TOPOGRAPHIC INFORMATION

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 SSW

### 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

Flood Plain Panel at Target Property

51059C0235E

Additional Panels in search area:

Not Reported

FEMA Source Type

FEMA FIRM Flood data

FEMA Source Type

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
MANASSAS

NWI Electronic  
Data Coverage  
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: Mississippian  
Series: Paleozoic mafic intrusives  
Code: Pzmi (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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).

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

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

Soil Component Name: MANOR

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
2	10 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
3	20 inches	72 inches	loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 3.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
very stony - loam  
channery - loam

Surficial Soil Types: silt loam  
very stony - loam  
channery - loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: stratified  
channery - fine sandy loam  
silt loam  
weathered bedrock

### 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.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### 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**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001205878	1/8 - 1/4 Mile NW
A2	USGS40001205865	1/4 - 1/2 Mile West
A3	USGS40001205863	1/4 - 1/2 Mile West
4	USGS40001205872	1/4 - 1/2 Mile NW
5	USGS40001205874	1/2 - 1 Mile West
6	USGS40001205883	1/2 - 1 Mile North
7	USGS40001205882	1/2 - 1 Mile WNW
8	USGS40001205862	1/2 - 1 Mile ENE
B9	USGS40001205859	1/2 - 1 Mile East
C10	USGS40001205851	1/2 - 1 Mile West
11	USGS40001205854	1/2 - 1 Mile WSW
D12	USGS40001205871	1/2 - 1 Mile West
C13	USGS40001205858	1/2 - 1 Mile West
D14	USGS40001205876	1/2 - 1 Mile West
B15	USGS40001205857	1/2 - 1 Mile East
B16	USGS40001205860	1/2 - 1 Mile East
17	USGS40001205840	1/2 - 1 Mile WSW
E18	USGS40001205868	1/2 - 1 Mile ENE
F19	USGS40001205866	1/2 - 1 Mile West
F21	USGS40001205867	1/2 - 1 Mile West
E22	USGS40001205870	1/2 - 1 Mile ENE
24	USGS40001205875	1/2 - 1 Mile ENE
G25	USGS40001205852	1/2 - 1 Mile West
G26	USGS40001205853	1/2 - 1 Mile West
27	USGS40001205861	1/2 - 1 Mile West

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
20	VA6059394	1/2 - 1 Mile East

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

### **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
23	VA5000000002486	1/2 - 1 Mile SSW

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

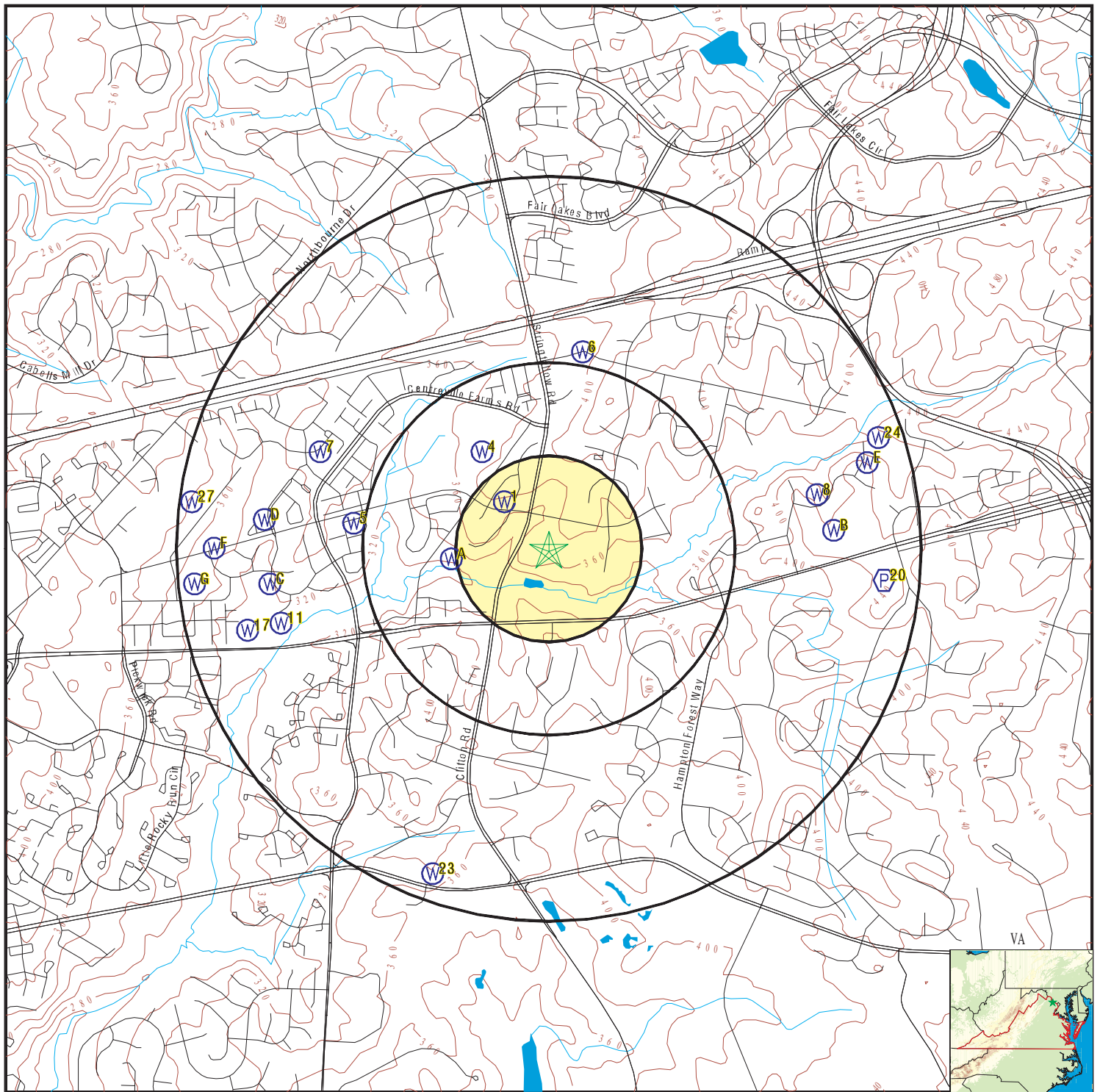
### STATE DATABASE WELL INFORMATION

MAP ID  
\_\_\_\_\_

WELL ID  
\_\_\_\_\_

LOCATION  
FROM TP  
\_\_\_\_\_

# PHYSICAL SETTING SOURCE MAP - 5623180.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Fairfax County DGS  
 ADDRESS: Stringfellow Road & Autumn Willow Drive  
 Fairfax VA 22030  
 LAT/LONG: 38.843004 / 77.401949

CLIENT: PSI, Inc.  
 CONTACT: Ariel Yeakel  
 INQUIRY #: 5623180.2s  
 DATE: April 16, 2019 3:10 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**  
**NW**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS USGS40001205878**

Organization ID: USGS-VA  
Monitor Location: 51U 35C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**A2**  
**West**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS40001205865**

Organization ID: USGS-VA  
Monitor Location: 51U 36C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 90  
Well Hole Depth: 90

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**A3**  
**West**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS40001205863**

Organization ID: USGS-VA  
Monitor Location: 51U 37C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**4**  
**NW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS USGS40001205872**

Organization ID: USGS-VA  
Monitor Location: 51U 56C  
Description: Not Reported  
Drainage Area: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 268  
Well Hole Depth: 268

Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

### 5 West 1/2 - 1 Mile Lower

FED USGS USGS40001205874

Organization ID: USGS-VA  
Monitor Location: 51U 34C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

### 6 North 1/2 - 1 Mile Higher

FED USGS USGS40001205883

Organization ID: USGS-VA  
Monitor Location: 51U 58C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 145  
Well Hole Depth: 145

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

### 7 WNW 1/2 - 1 Mile Lower

FED USGS USGS40001205882

Organization ID: USGS-VA  
Monitor Location: 51U 30C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**8**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205862**

Organization ID: USGS-VA  
Monitor Location: 51U 59C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 145  
Well Hole Depth: 145

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Metamorphosed Sedimentary Rocks  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**B9**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205859**

Organization ID: USGS-VA  
Monitor Location: 51U 61C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 105  
Well Hole Depth: 105

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**C10**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205851**

Organization ID: USGS-VA  
Monitor Location: 51U 40B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**11**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205854**

Organization ID: USGS-VA  
Monitor Location: 51U 38C  
Description: Not Reported  
Drainage Area: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**D12**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205871**

Organization ID: USGS-VA  
Monitor Location: 51U 32C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 100  
Well Hole Depth: 100

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**C13**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205858**

Organization ID: USGS-VA  
Monitor Location: 51U 39B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**D14**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205876**

Organization ID: USGS-VA  
Monitor Location: 51U 29B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**B15**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205857**

Organization ID: USGS-VA  
Monitor Location: 51U 62C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 105  
Well Hole Depth: 105

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**B16**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205860**

Organization ID: USGS-VA  
Monitor Location: 51U 60C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 125  
Well Hole Depth: 125

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Metamorphosed Sedimentary Rocks  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**17**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205840**

Organization ID: USGS-VA  
Monitor Location: 51U 88B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 110  
Well Hole Depth: 110

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**E18**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205868**

Organization ID: USGS-VA  
Monitor Location: 51U 65C  
Description: Not Reported  
Drainage Area: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	125	Well Depth Units:	ft
Well Hole Depth:	125	Well Hole Depth Units:	ft

**F19**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205866**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	51U 28B	Type:	Well
Description:	Not Reported	HUC:	02070010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	207	Well Depth Units:	ft
Well Hole Depth:	207	Well Hole Depth Units:	ft

**20**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FRDS PWS VA6059394**

Epa region:	03	State:	VA
Pwsid:	VA6059394	Pwsname:	FX CO GIRLS PROBATION HOUSE
Cityserved:	Not Reported	Stateserved:	VA
Zipsserved:	Not Reported	Fipscounty:	51059
Status:	Closed	Retpopsrvt:	25
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Local_Govt
Contact:	FAIRFAX CO GIRLS PROBATION HOUSE	Contactphone:	703-830-2930
Contactorgname:	Not Reported	Contactaddress2:	Not Reported
Contactaddress1:	12720 LEE HIGHWAY	Contactstate:	VA
Contactcity:	FAIRFAX	Pwsactivitycode:	I
Contactzip:	22030		

PWS ID:	VA6059394	PWS type:	System Owner/Responsible Party
PWS name:	FX CO GIRLS PROBATION HOUSE	PWS city:	Not Reported
PWS address:	Not Reported	PWS zip:	Not Reported
PWS state:	Not Reported	Activity status:	Active
PWS ID:	VA6059394	Date system deactivated:	Not Reported
Date system activated:	7706	System name:	FX CO GIRLS PROBATION HOUSE
Retail population:	00000025	System address:	12720 LEE HIGHWAY
System address:	Not Reported	System state:	VA
System city:	FAIRFAX		
System zip:	22030		

County FIPS:	059	City served:	FAIRFAX
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	385030	Longitude:	0772308

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**F21**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001205867**

Organization ID: USGS-VA  
Monitor Location: 51U 33B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Unts: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**E22**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205870**

Organization ID: USGS-VA  
Monitor Location: 51U 57C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 207  
Well Hole Depth: 207

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Unts: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**23**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**VA WELLS VA5000000002486**

TINWSF: 2678946  
System Name: COUNTRY SCHOOL HOUSE  
Facility Name: WELL #1  
PWS Fed Classif: Non-Transient Non-Community  
Population Served: 37

PWS ID: 6059896  
Type: Well  
Fed Primary Src Classif: Groundwater  
Avg Daily Production: Not Reported

**24**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001205875**

Organization ID: USGS-VA  
Monitor Location: 51U 72C  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 125

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Unts: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth:

125

Well Hole Depth Units:

ft

**G25**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS**

**USGS40001205852**

Organization ID: USGS-VA  
Monitor Location: 51U 41B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: Not Reported  
Well Hole Depth: Not Reported

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Unts: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: Not Reported  
Well Hole Depth Units: Not Reported

**G26**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS**

**USGS40001205853**

Organization ID: USGS-VA  
Monitor Location: 51U 68B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 45  
Well Hole Depth: 45

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Unts: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

**27**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS**

**USGS40001205861**

Organization ID: USGS-VA  
Monitor Location: 51U 84B  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported  
Well Depth: 81  
Well Hole Depth: 81

Organization Name: USGS Virginia Water Science Center  
Type: Well  
HUC: 02070010  
Drainage Area Units: Not Reported  
Contrib Drainage Area Unts: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported  
Well Depth Units: ft  
Well Hole Depth Units: ft

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 22030

Number of sites tested: 1234.

Maximum Radon Level: 69.1 pCi/L.

Minimum Radon Level: 0.6 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
907 (73.50%)	273 (22.12%)	41 (3.32%)	10 (0.81%)	3 (0.24%)	0 (0.00%)

---

Federal EPA Radon Zone for FAIRFAX County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## **TOPOGRAPHIC INFORMATION**

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **HYDROLOGIC INFORMATION**

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

## **HYDROGEOLOGIC INFORMATION**

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## **GEOLOGIC INFORMATION**

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Virginia Public Water Supplies

Source: Department of Health, Office of Water Programs

Telephone: 804-786-1756

## OTHER STATE DATABASE INFORMATION

#### Virginia Oil and Gas Wells

Source: Department of Mines, Minerals and Energy

Telephone: 804-692-3200

A listing of oil and gas well locations.

### RADON

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

#### EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# **USER QUESTIONNAIRE RESPONSES**

## USER QUESTIONNAIRE

Pursuant to ASTM E1527, ASTM E2600-10, and the EPA All Appropriate Inquiry Rule, the User of the report must answer specific questions regarding the property and supply this information to the Environmental Professional. While we understand that you may have only limited knowledge of the property, please answer the questions to the best of your ability based on your current knowledge, and return the completed questionnaire to PSI.

### Phase I ESA Questions

1. Did a review of land title records (or judicial records where appropriate) identify any environmental cleanup liens filed or recorded against the subject property under federal, tribal, state or local law?  
☒ No    ☐ Yes    ☐ Unknown
2. Did a review of land title records (or judicial records where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?  
☒ No    ☐ Yes    ☐ Unknown
3. Do you have any specialized knowledge or experience related to the subject property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?  
☒ No    ☐ Yes
4. Does the purchase price being paid reasonably reflect the fair market value of the subject property?  
☐ No    ☐ Yes    ☒ Not Applicable  

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

☐ No    ☐ Yes
5. 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 of the past uses of the property?  
☒ No    ☐ Yes
  - (b) Do you know of specific chemicals that are present or were once present at the property?  
☒ No    ☐ Yes
  - (c) Do you know of spills or other chemical releases that have taken place at the property?  
☒ No    ☐ Yes
  - (d) Do you know of any environmental cleanups that have taken place at the property?  
☒ No    ☐ Yes
6. Based on your knowledge and experience related to the subject property are there any obvious indicators that point to the presence or likely presence of contamination at the subject property?  
☒ No    ☐ Yes
7. Do you know of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? ☒ No    ☐ Yes
8. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?  
☒ No    ☐ Yes

Further Explain any Answers Requiring Clarification: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Vapor Encroachment Screening Questions

1. Currently, what type of property is the subject property?  
☐ Commercial ☐ Industrial ☐ Residential ☐ Multi-Tenant ☒ Vacant Land
2. Are there buildings on the subject property?  
☐ Yes ☒ No ☐ Unknown (if **yes**, indicate number and construction type):  
\_\_\_\_\_
3. Will buildings or structures be constructed on the subject property in the future?  
☒ Yes ☐ No ☐ Unknown (if **yes**, indicate number and construction type)  
\_\_\_\_\_
4. If buildings exist or are proposed, do/will they have elevators?  
☒ Yes ☐ No ☐ Unknown
5. What type of below-grade level exists or is proposed?  
☐ Full/Partial Basement ☒ Crawl Space ☐ Parking Garage ☐ Multi-Level  
☐ None/Unknown (if **none/unknown**, skip to question 11)
6. Is there ventilation currently/proposed in the below-grade level?  
☐ Yes ☐ No ☒ Unknown
7. Are there sump pumps, floor drains or trenches existing or proposed in the below-grade level?  
☐ Yes ☐ No ☒ Unknown
8. Is there a radon or methane mitigation system installed or proposed?  
☐ Yes ☐ No ☒ Unknown (If **yes**, please indicate if passive or active): \_\_\_\_\_
9. What type of heating system exists or is proposed in the building? (check all that apply)  
☐ Hot Air Circulation ☐ Hot Air Radiation ☐ Hot Water Radiation  
☐ Hot Water Circulation ☐ Fireplace ☐ Radiant Floor Heat ☐ Fuel Oil Furnace  
☐ Electric Baseboard ☒ Heat Pump ☐ Wood Stove ☐ Steam Radiation  
☐ Coal Furnace ☐ Kerosene Heater ☐ Used Oil Heater ☐ Natural Gas Furnace  
☐ Other
10. How are the utility systems fueled/powered or proposed to be fueled/powered?  
(check all that apply)  
☐ Natural Gas ☐ Propane ☐ Kerosene ☐ Coal ☐ Wood ☒ Electricity  
☐ Fuel Oil ☐ Solar ☐ Wind ☐ Other
11. Have there ever been any environmental problems at the subject property?  
☐ Yes ☐ No ☒ Unknown (if **yes**, please describe)
12. Does/will a gas station or dry cleaner operate anywhere on the subject property?  
☐ Yes ☐ No ☒ Unknown
13. Do/will any of the tenants use hazardous chemicals in relatively large quantities on the subject property?  
☐ Yes ☐ No ☒ Unknown
14. Have any tenants ever complained about odors in the building or experienced health-related problems that may have been associated with the building?  
☐ Yes ☒ No ☐ Unknown
15. Are the current or proposed operations on the subject property OSHA or EPA regulated?  
☐ Yes ☒ No ☐ Unknown

16. Are there any existing or proposed underground or aboveground storage tanks (ASTs/USTs) on the subject property?  
☐ Yes ☒ No ☐ Unknown (if yes, please describe)
17. Are there sensitive receptors (for example: children, elderly, people in poor health, and so forth) that occupy or will occupy the subject property?  
☒ Yes ☐ No ☐ Unknown

Further Explain any Answers Requiring Clarification: Elderly to occupy the property.

#### Helpful Documents Checklist

Pursuant to ASTM E 1527 §10.8, do you know whether any of the following documents exist related to the subject property, and if so, whether copies will be provided to PSI for review? If so, please submit such documentation to PSI as soon as practical. Please check all that apply.

- ☐ Environmental site assessment reports (for example: Phase I/II ESAs or RBCA reports)
- ☐ Environmental compliance audit reports; or risk assessments
- ☐ Environmental permits or hazardous waste generation notices or reports
- ☐ Registrations for above or underground storage tanks, or underground injection systems
- ☐ Safety data sheets (formerly known as Material Safety Data Sheets or MSDSs)
- ☐ Community right-to-know plans; safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans; etc.
- ☐ Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens on the property
- ☐ Geotechnical studies; or reports regarding hydrogeologic conditions on the property or vicinity
- ☐ Recorded activity and land use limitations (AULs)

T. E. M. Tony Esse  
Name (Authorized User Representative)

Associate Director  
Title

T. E. M.  
Signature

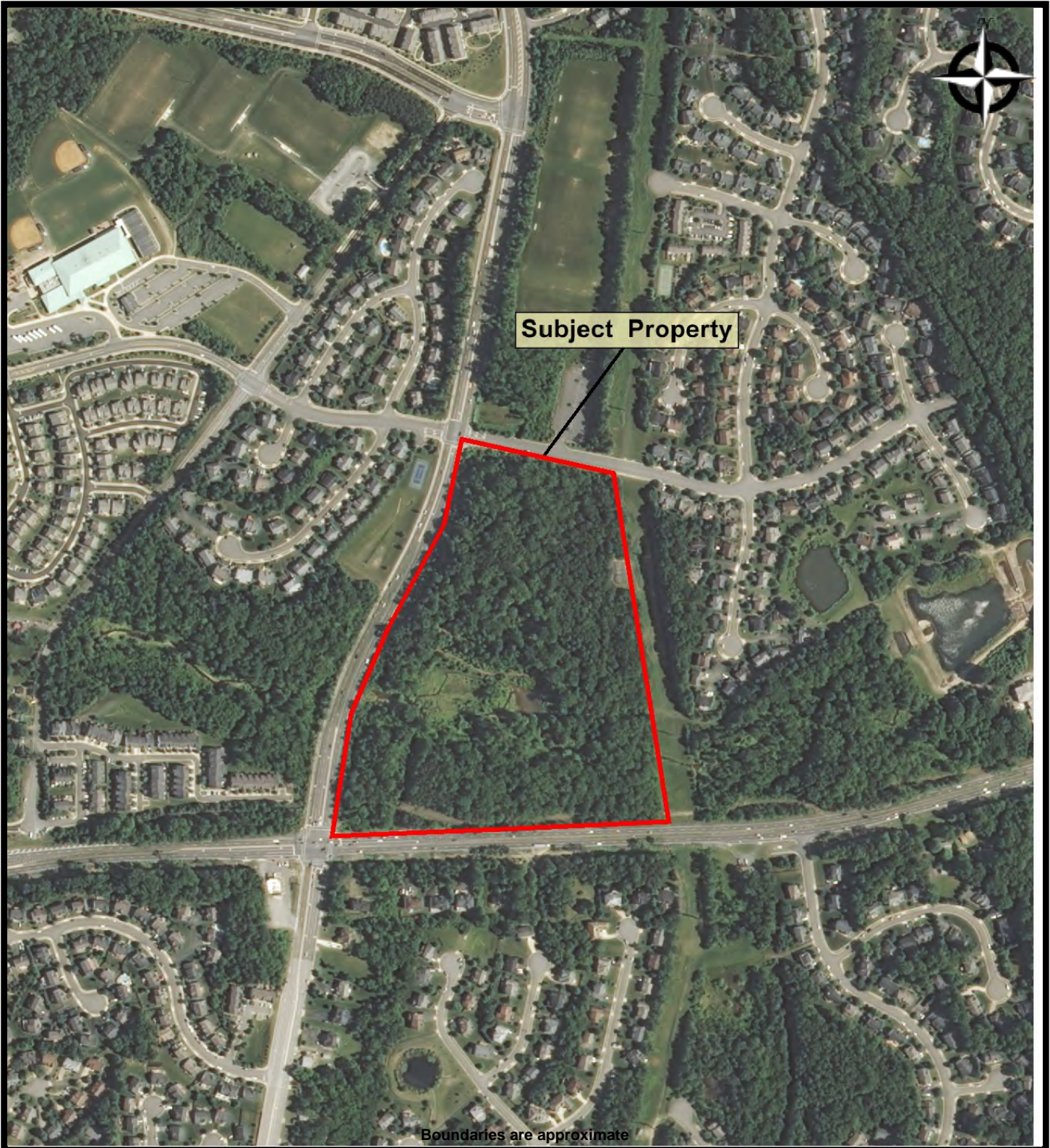
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Date

# **HISTORICAL RESEARCH DOCUMENTATION**



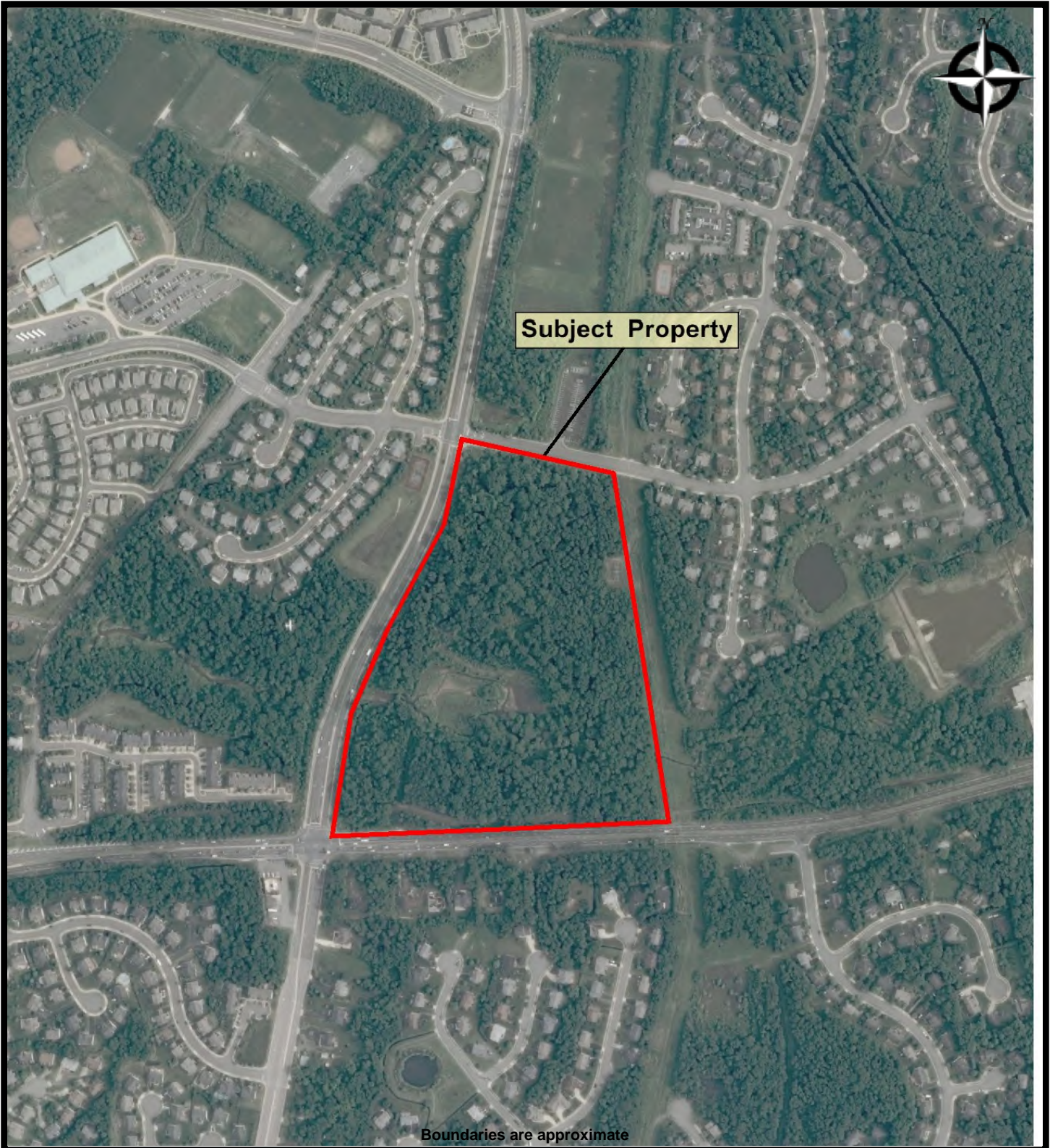
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Stringfellow Road & Autumn Willow Drive  
Fairfax, Virginia 22030

PREPARED FOR: Fairfax County Department of Housing & Community Development  
PROJ. MGR: Bobby Lin  
DRAWN BY: Ariel Yeakel  
DATE: 4/24/2019  
PROJ. #: 04481460



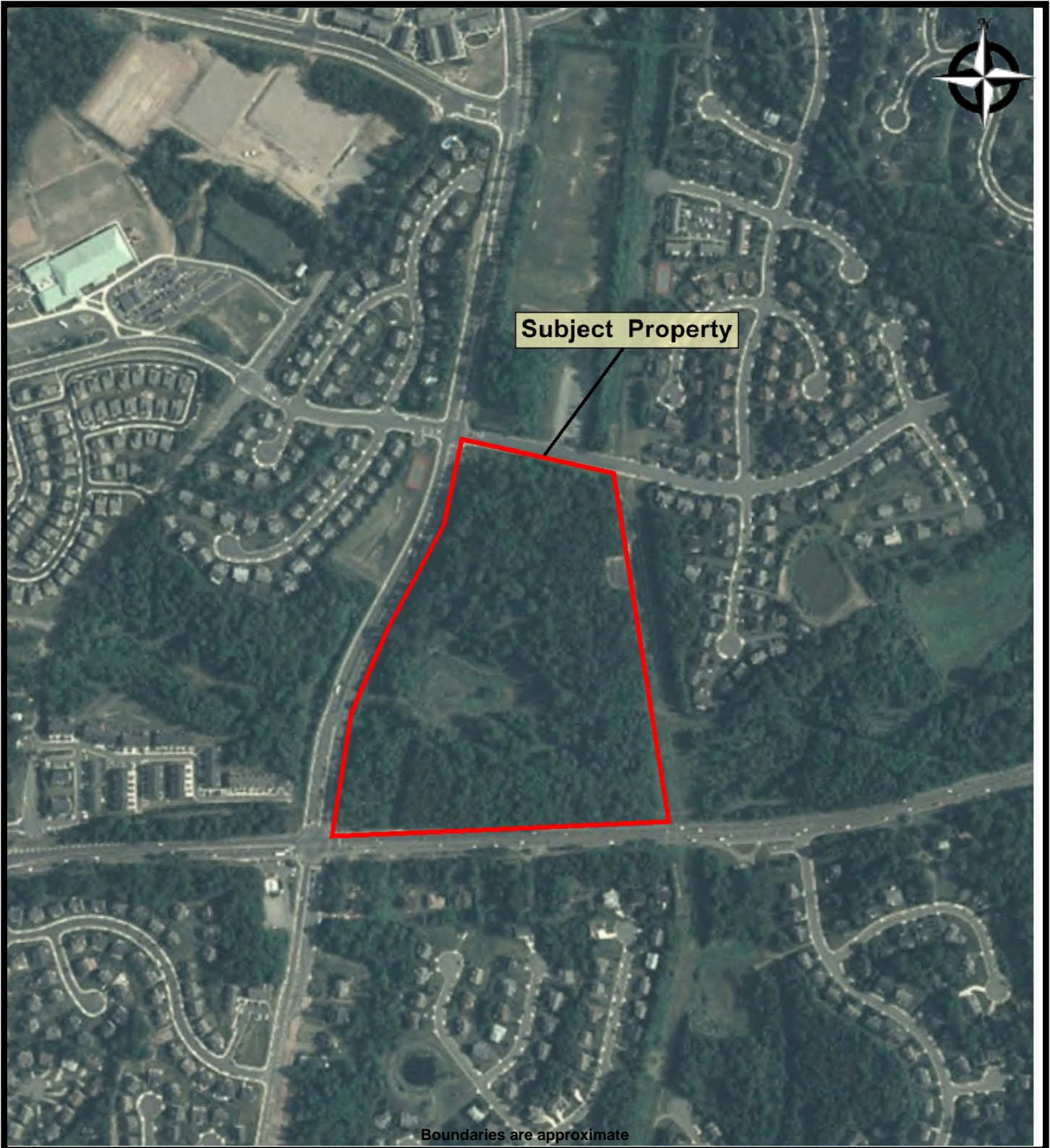
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AERIAL - 1980  
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AERIAL - 1979  
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Boundaries are approximate



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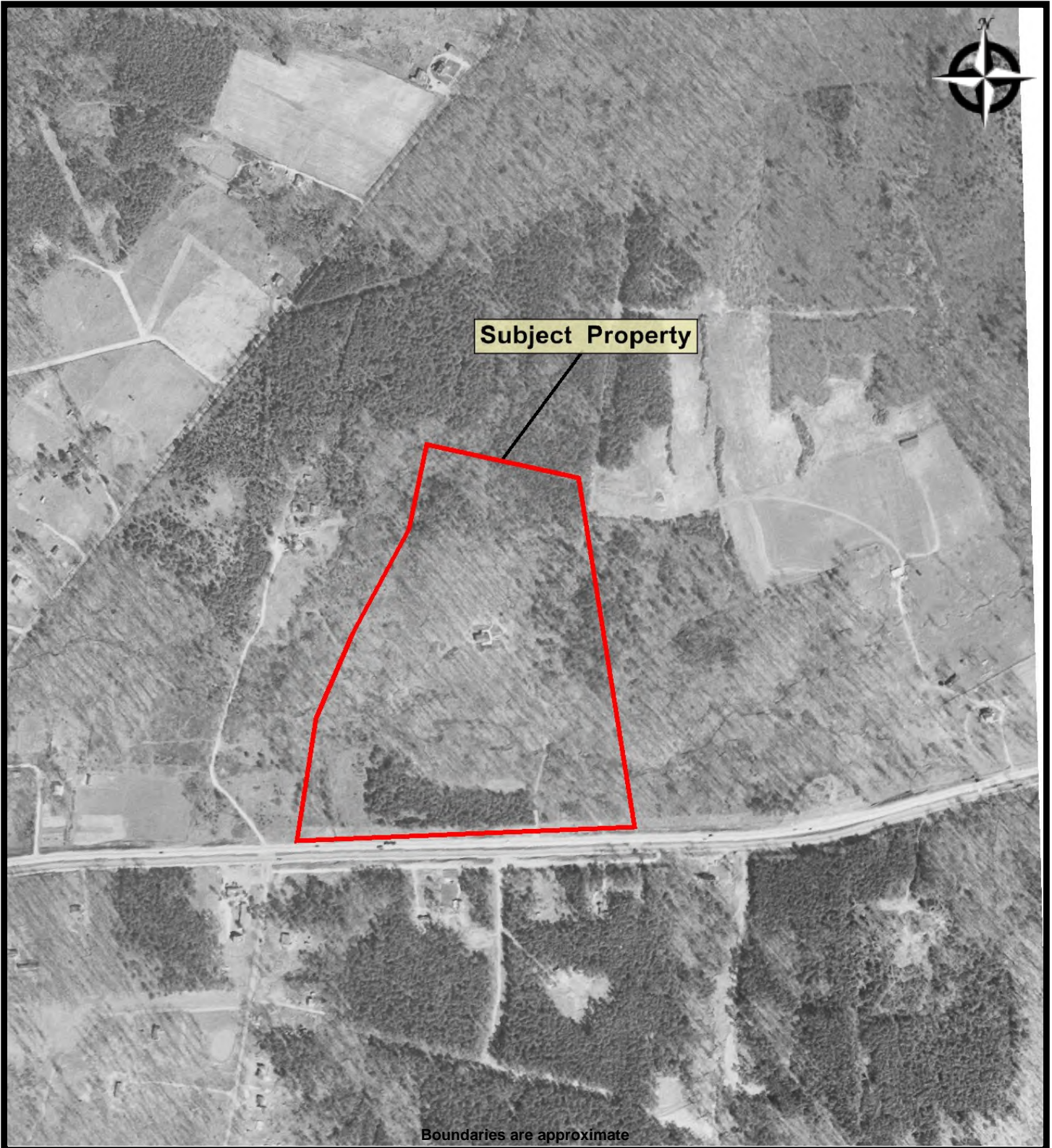


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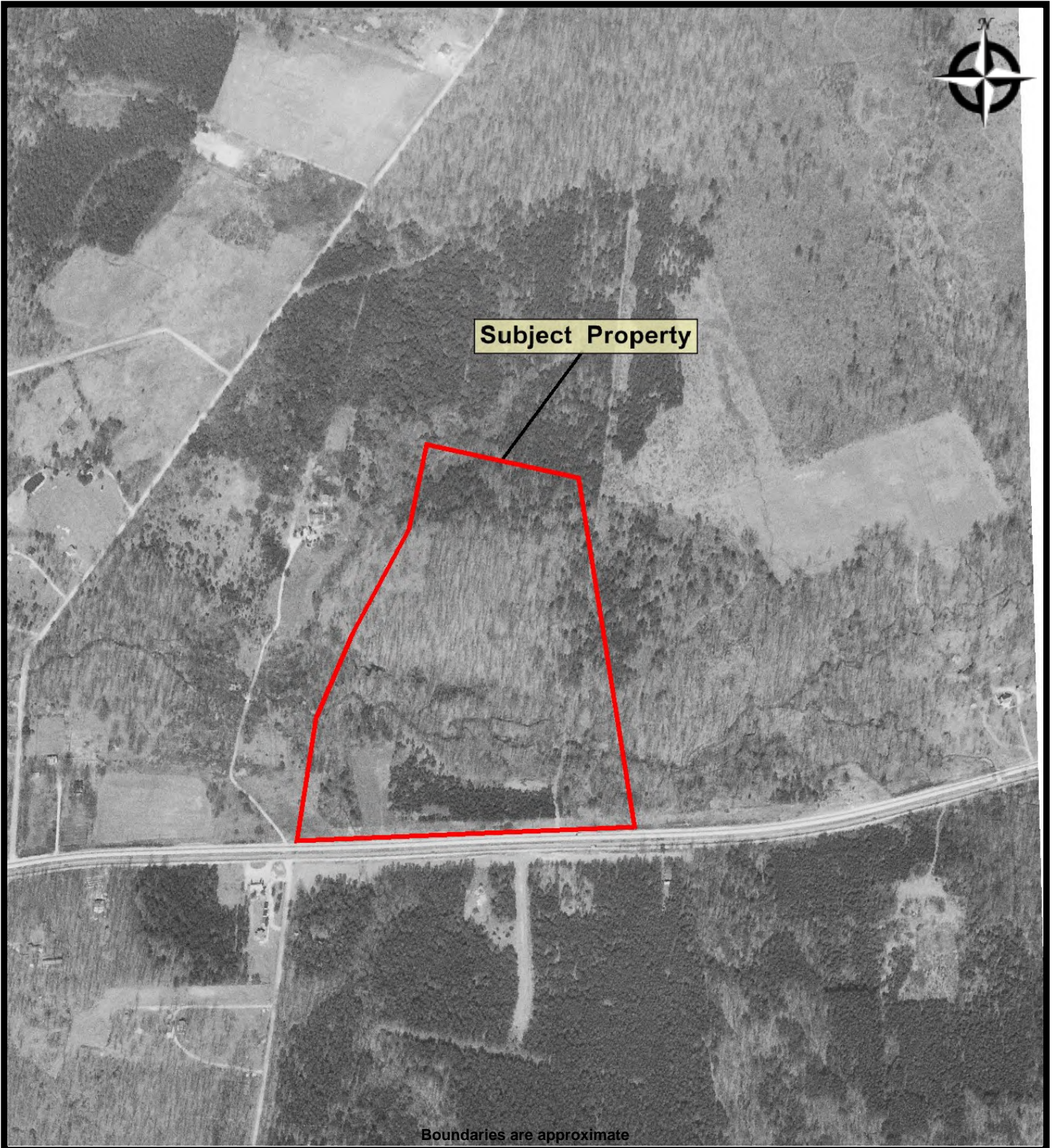
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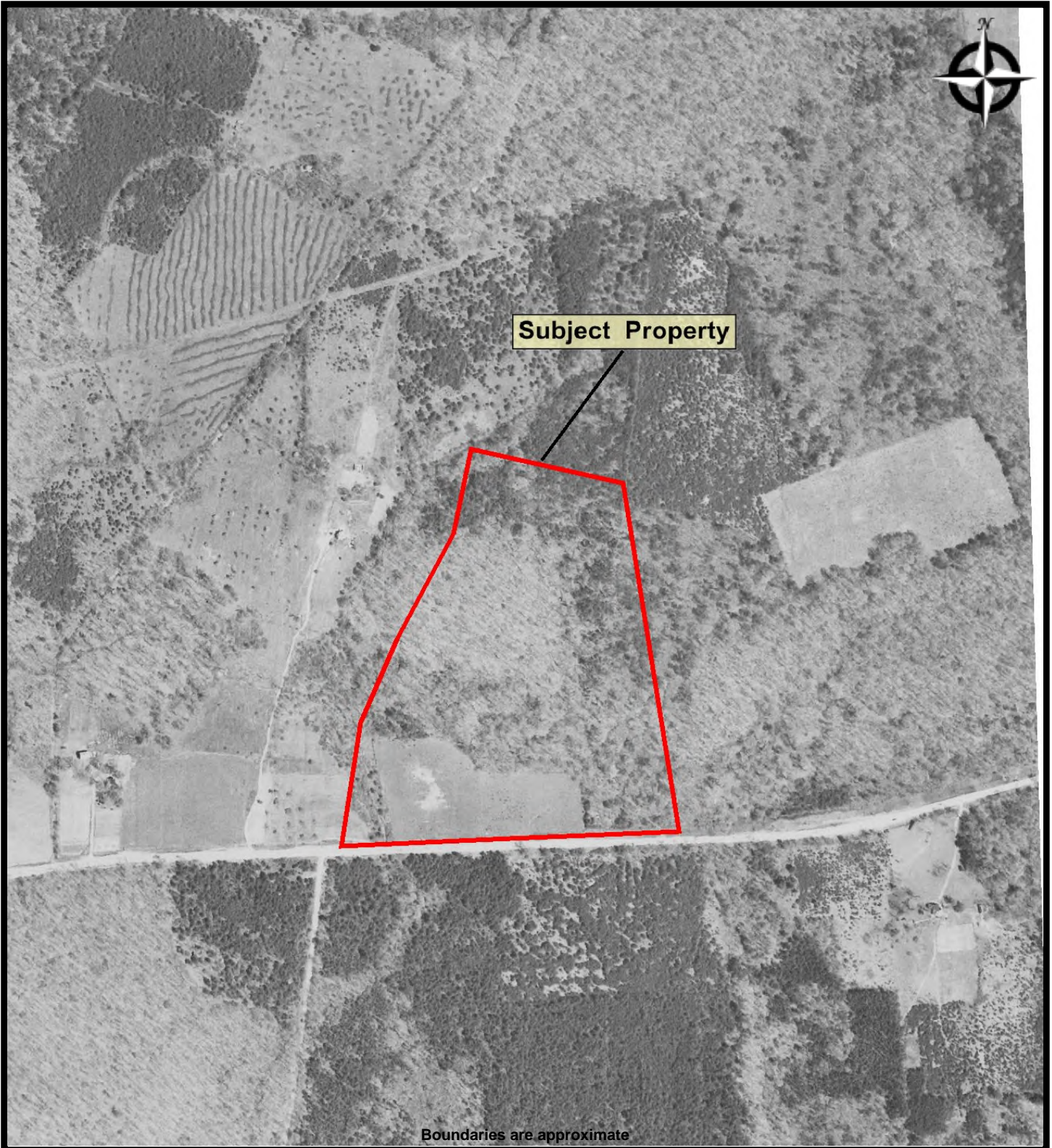


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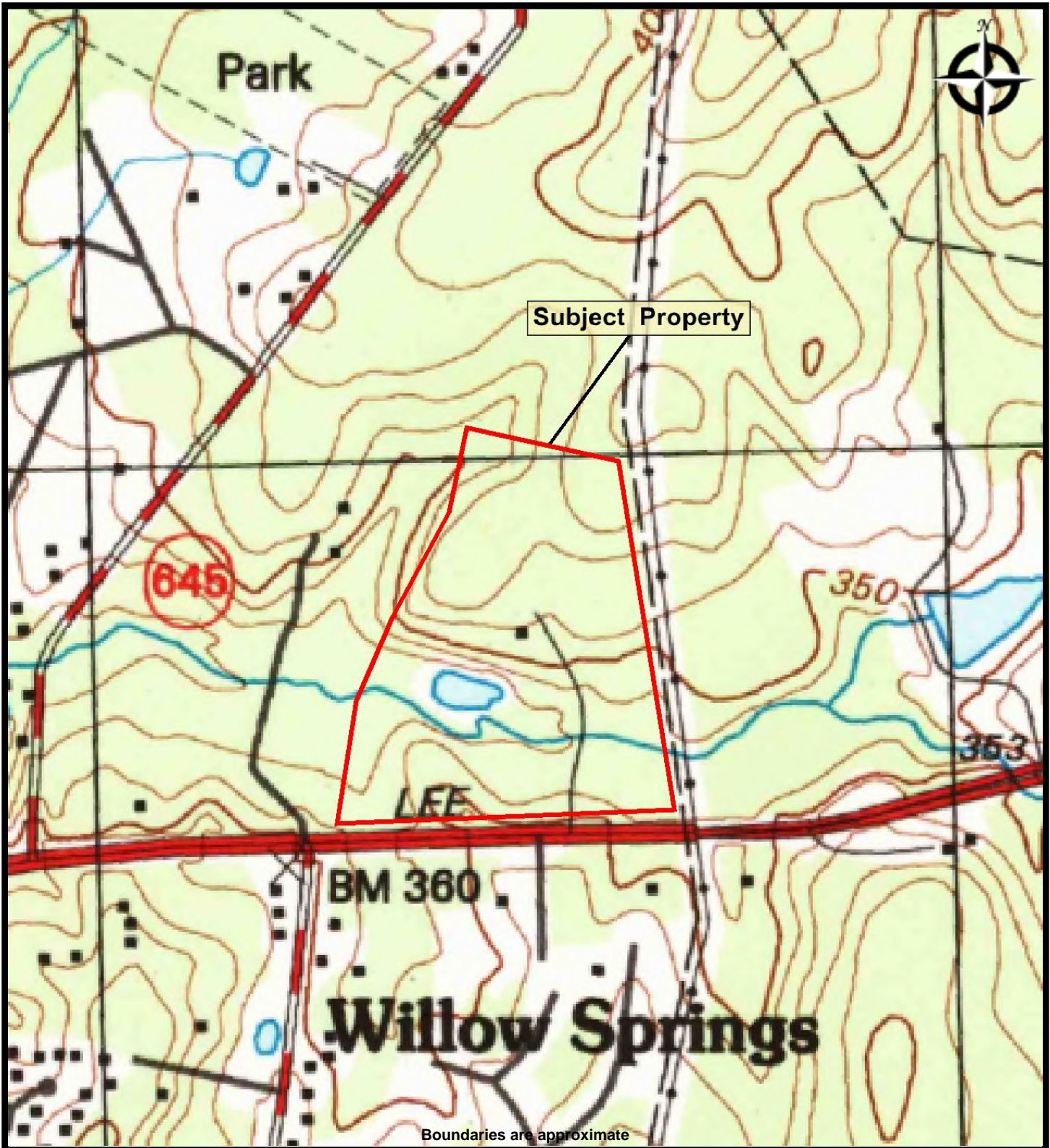


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**PROJ. MGR: Bobby Lin** **DATE: 4/24/2019**  
**DRAWN BY: Ariel Yeakel** **PROJ. #: 04481460**



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TOPO MAP - 1996  
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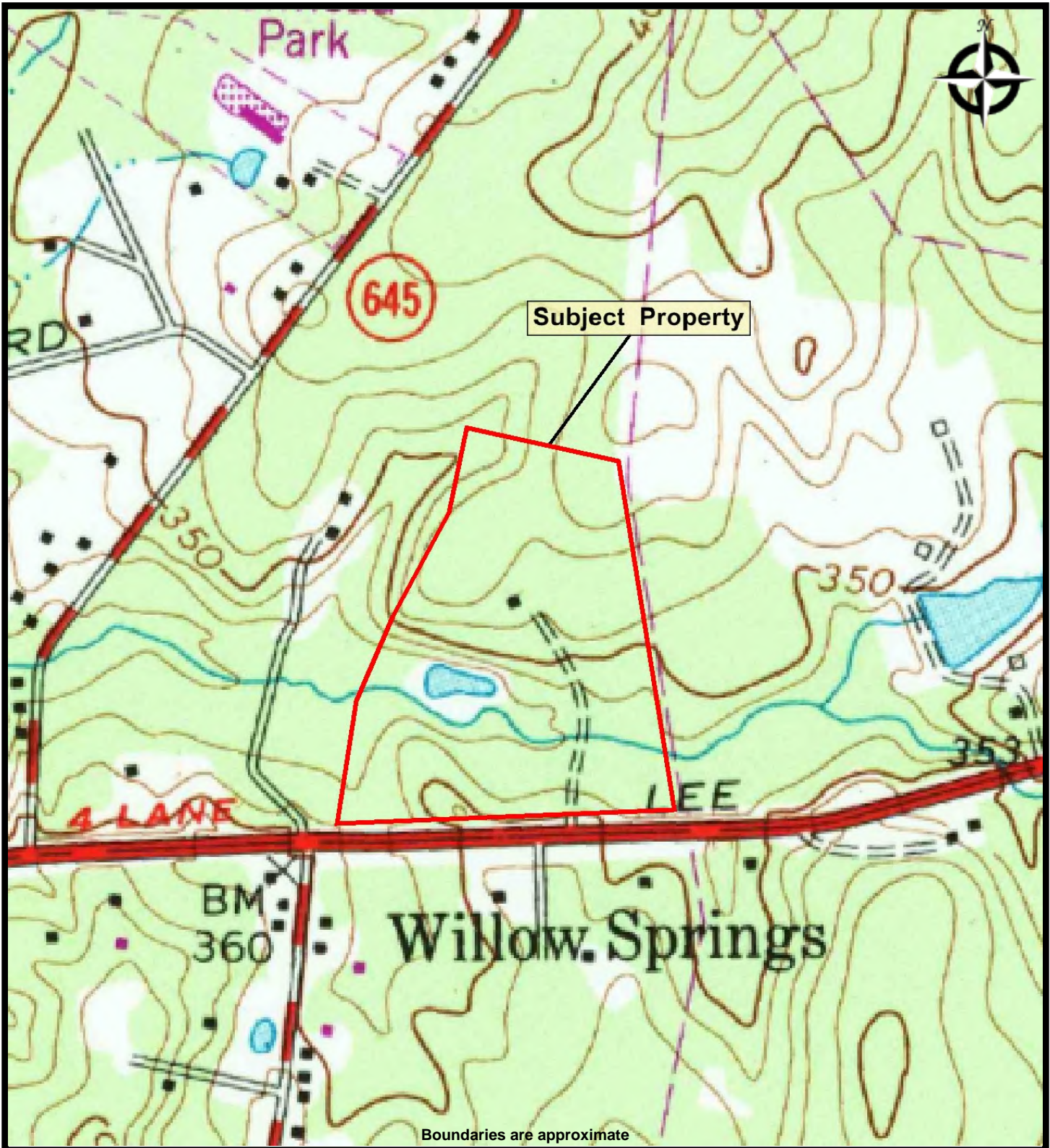


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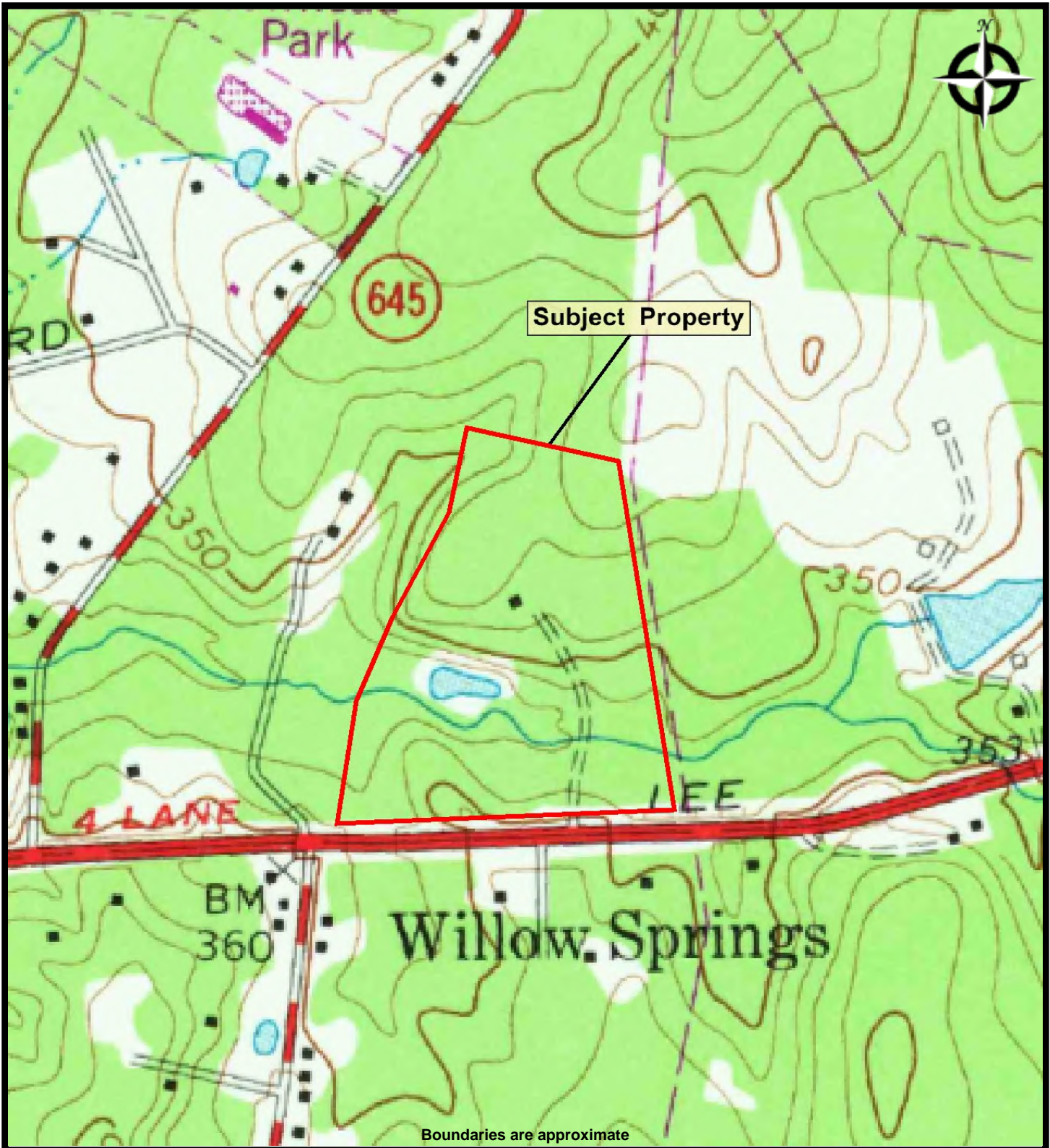
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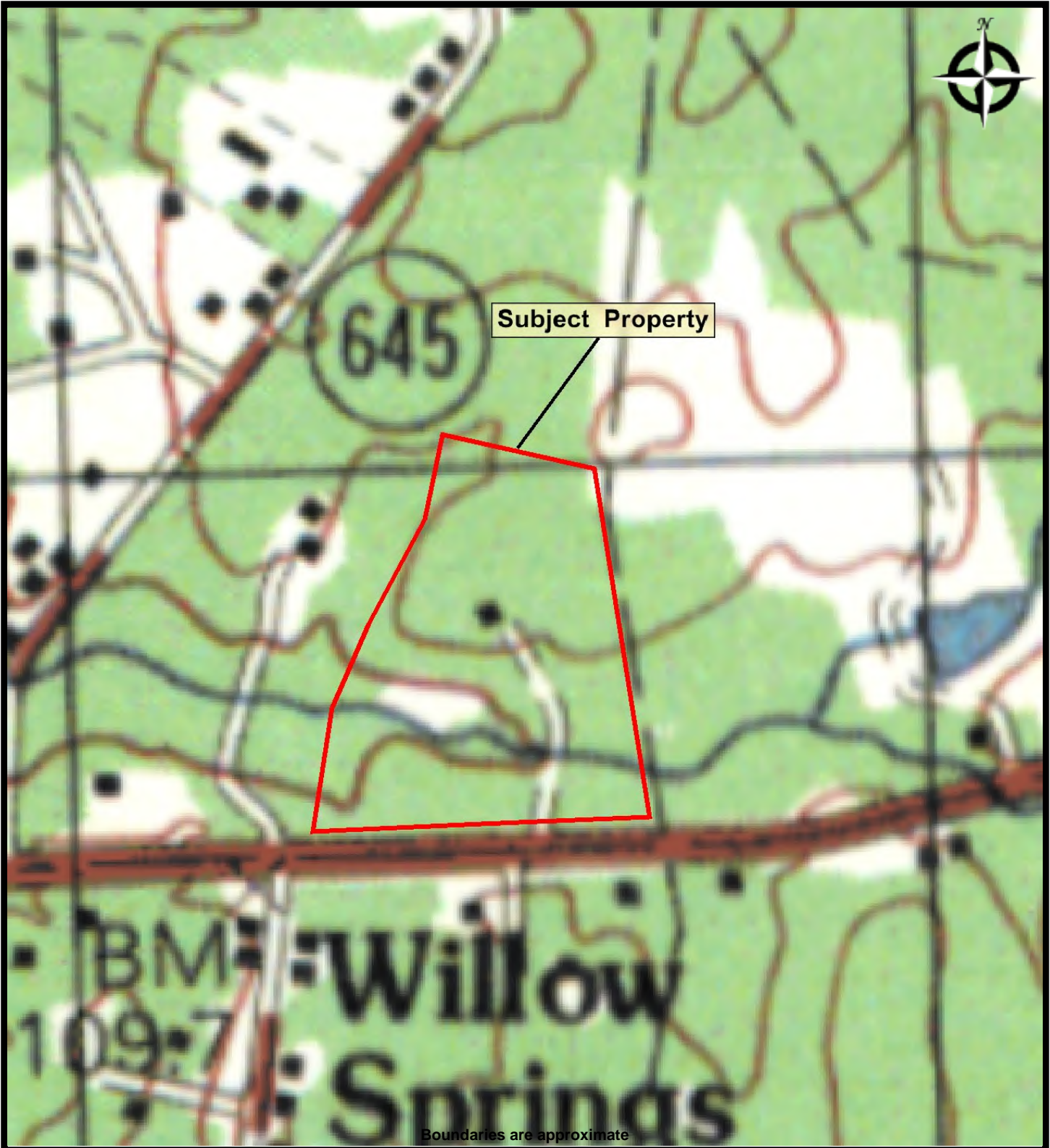
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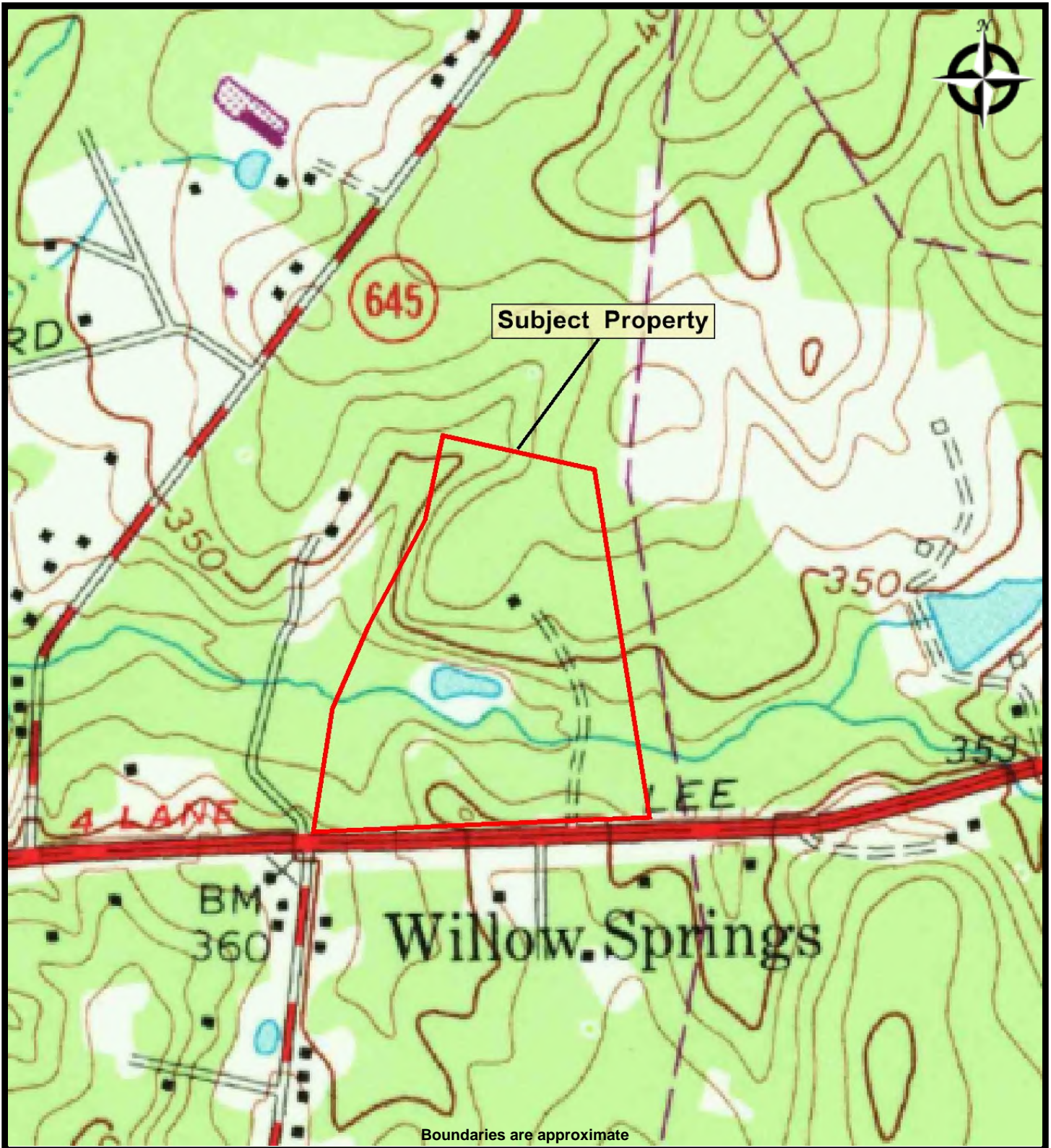
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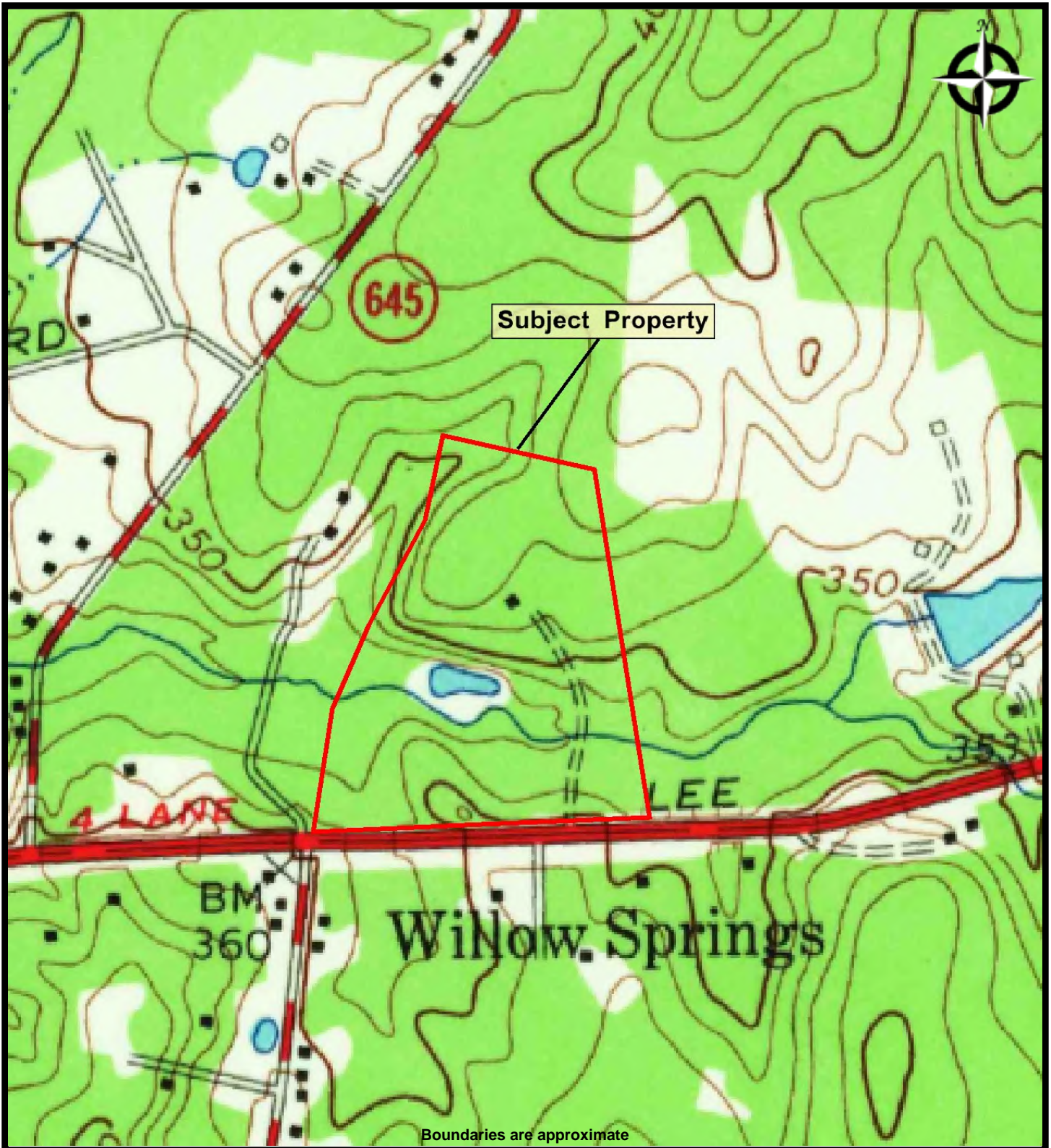
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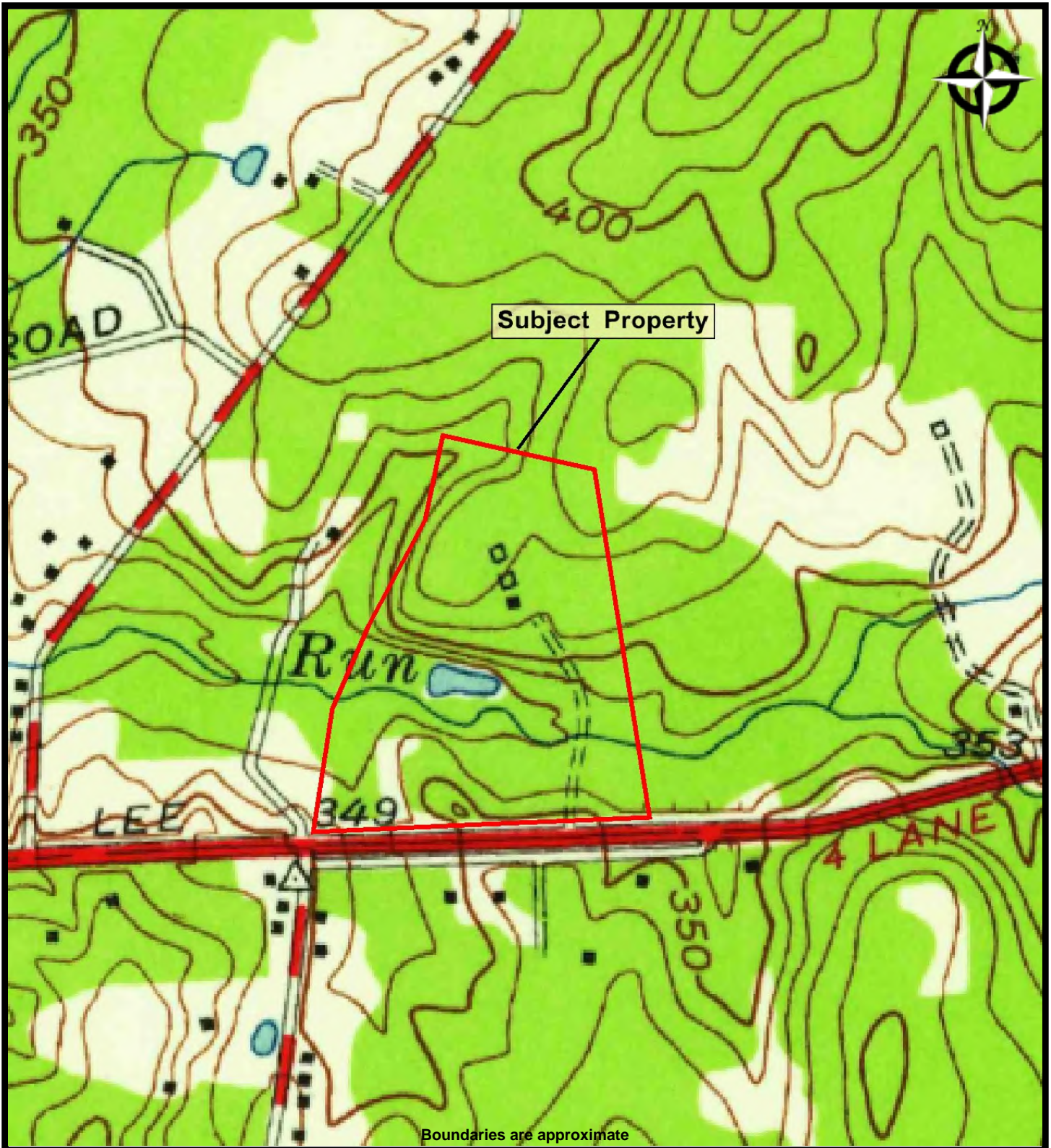
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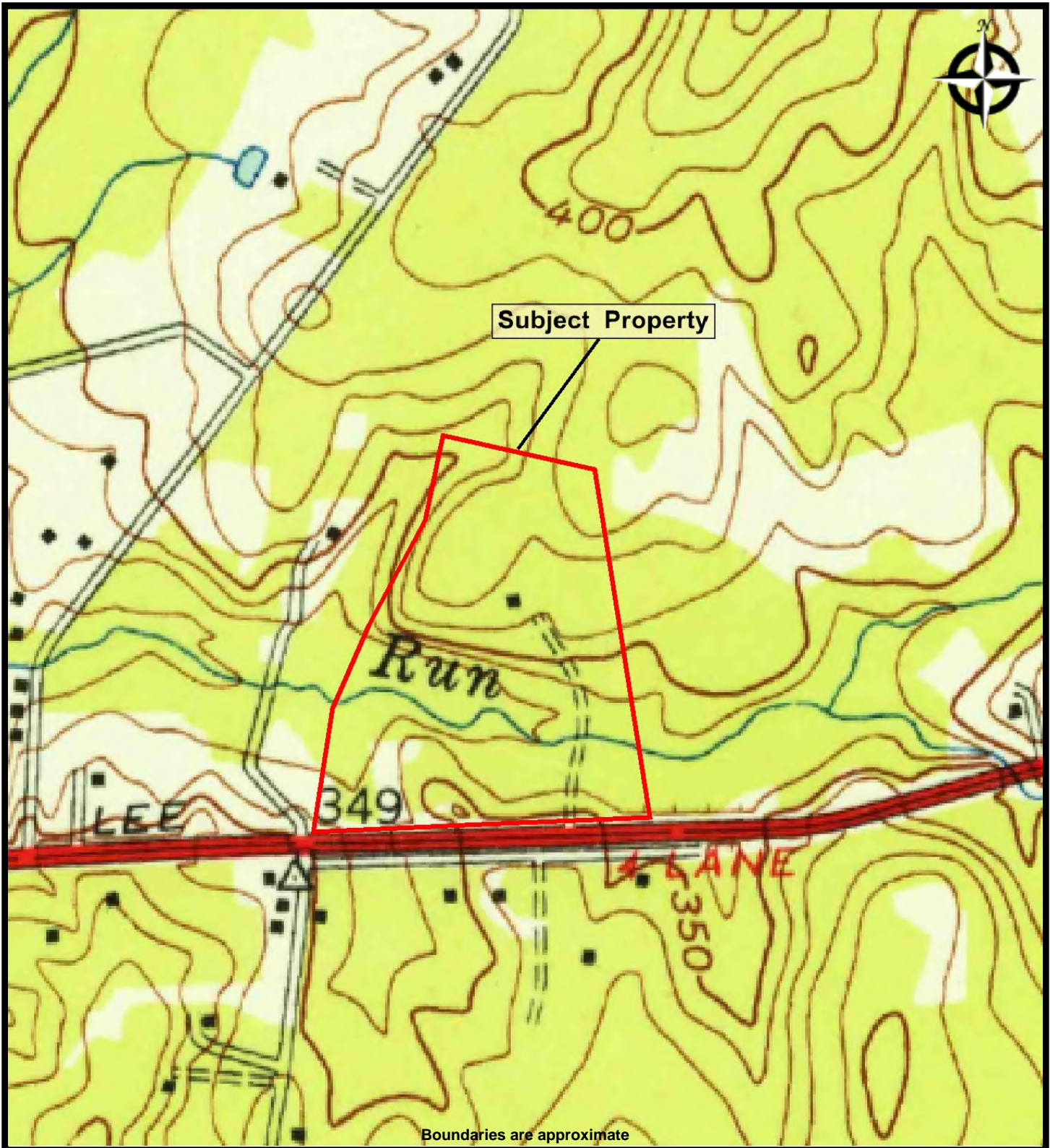
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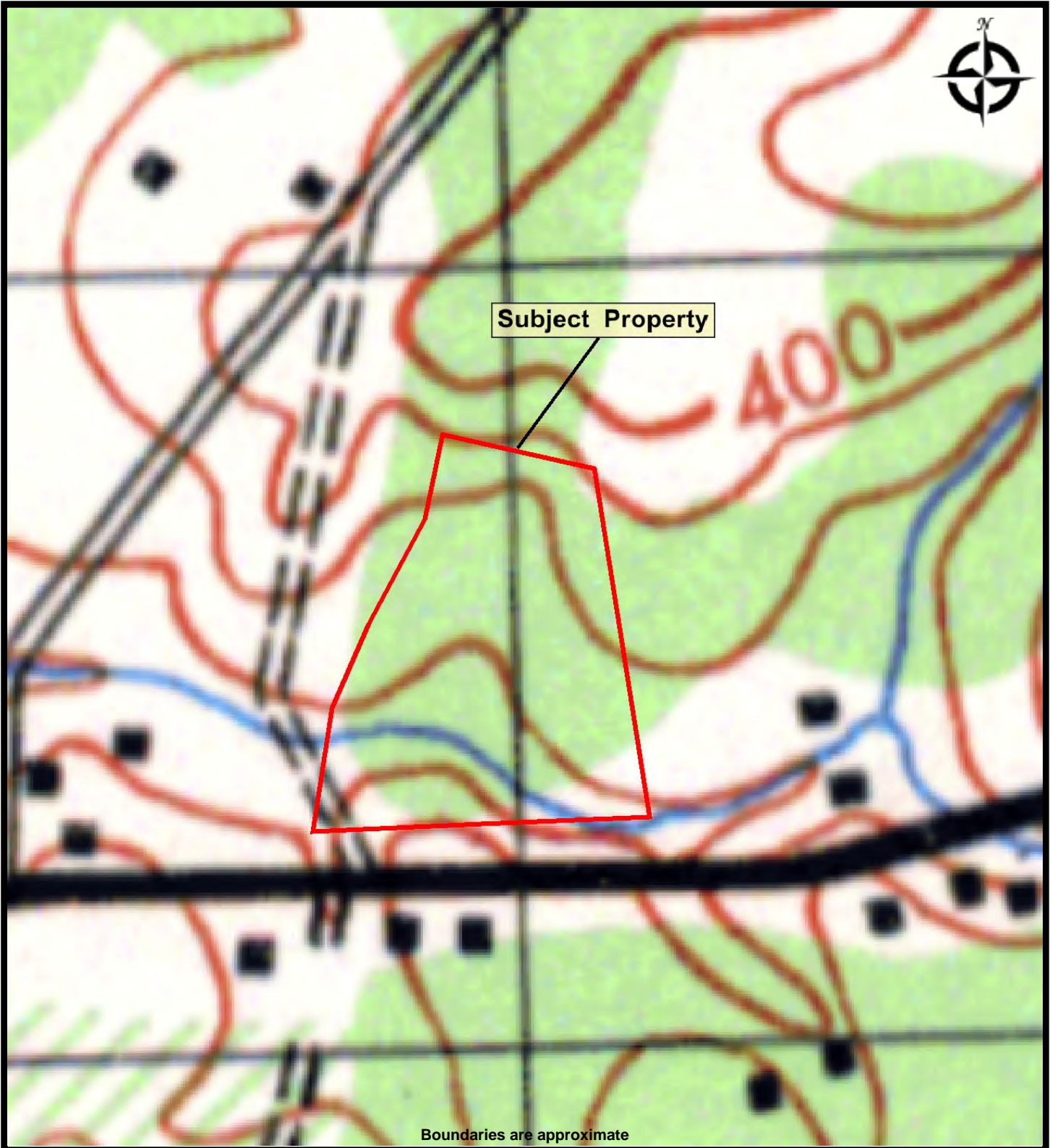
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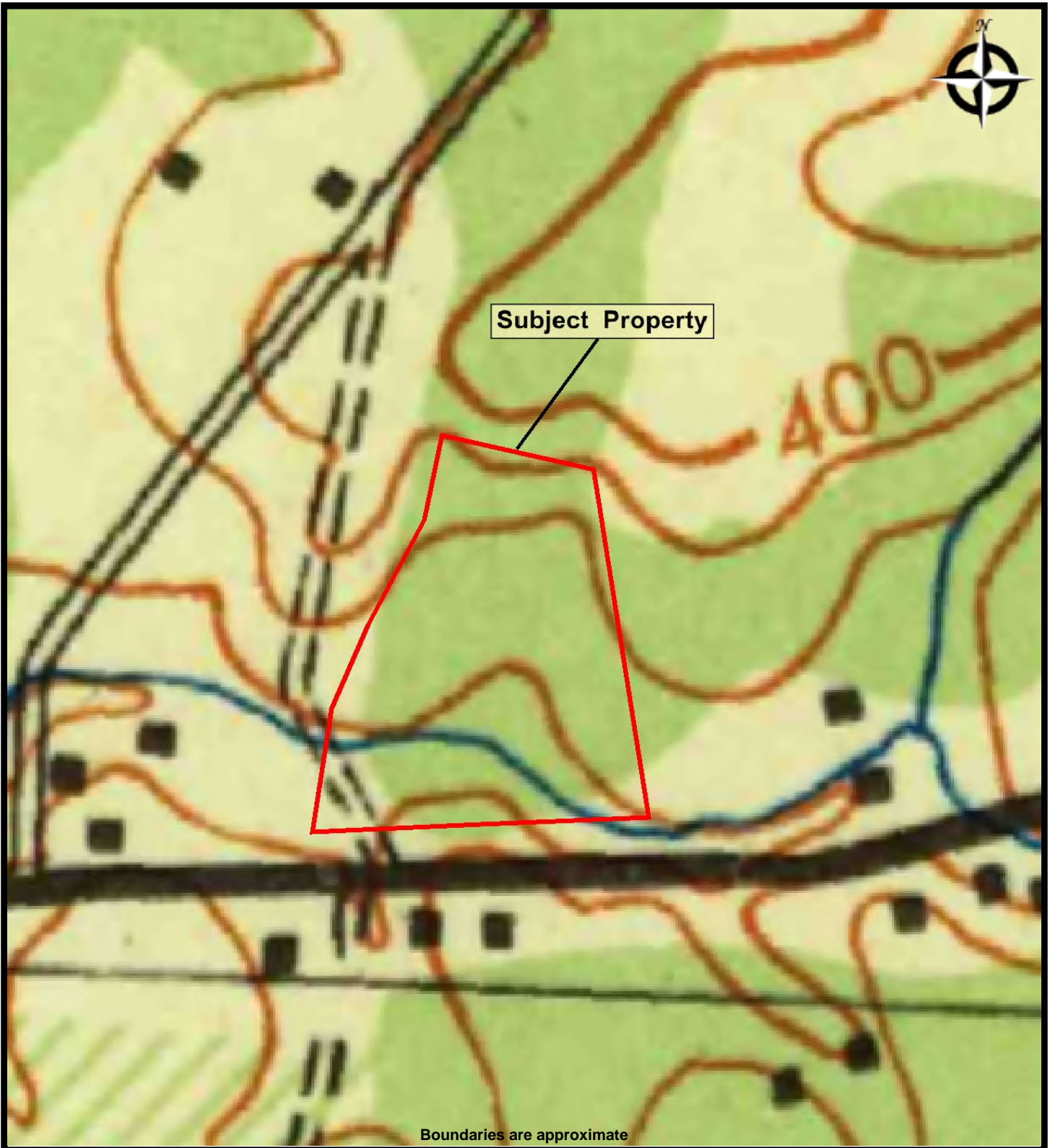
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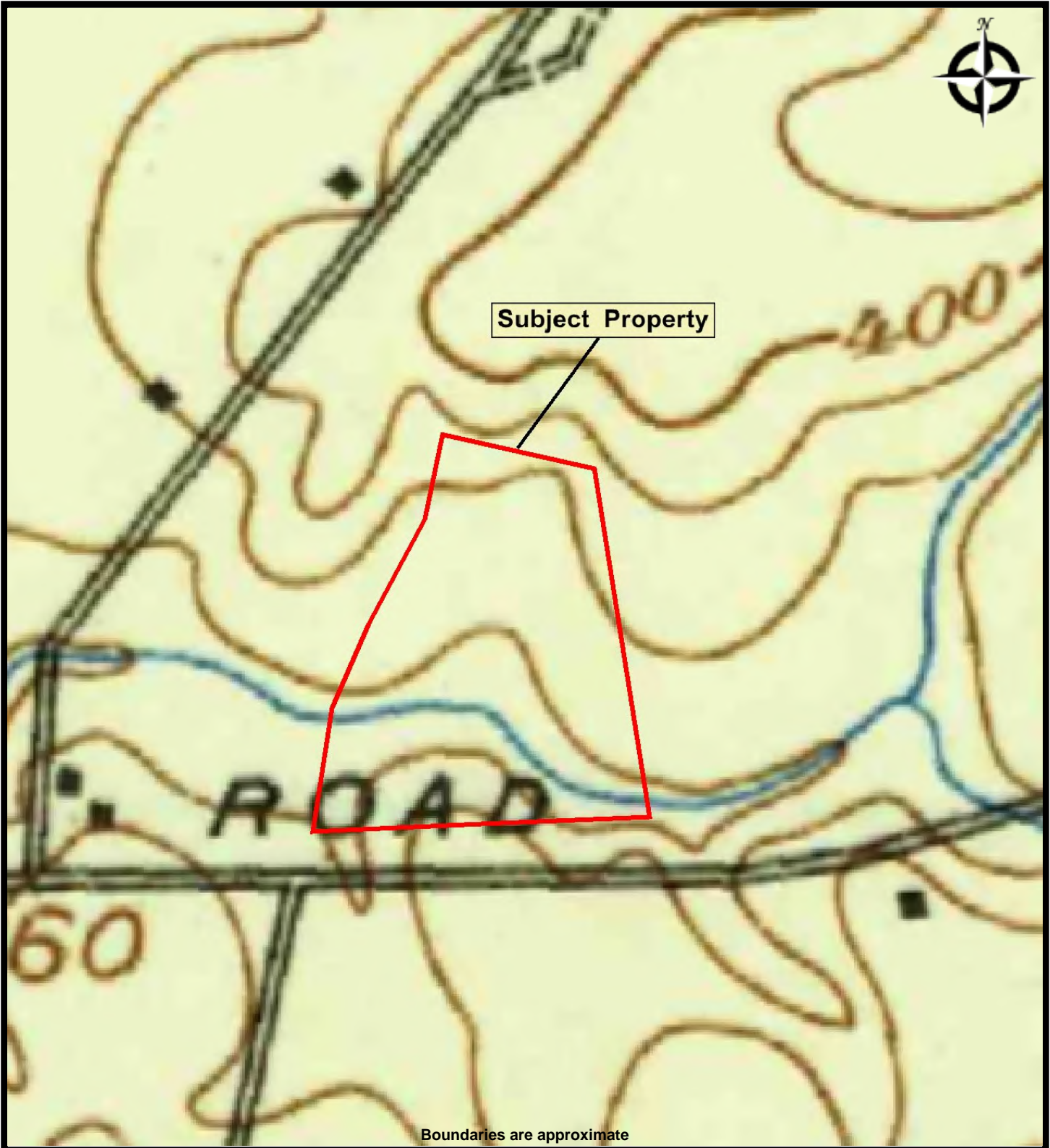
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TOPO MAP - 1944  
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TOPO MAP - 1915  
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TOPO MAP - 1897  
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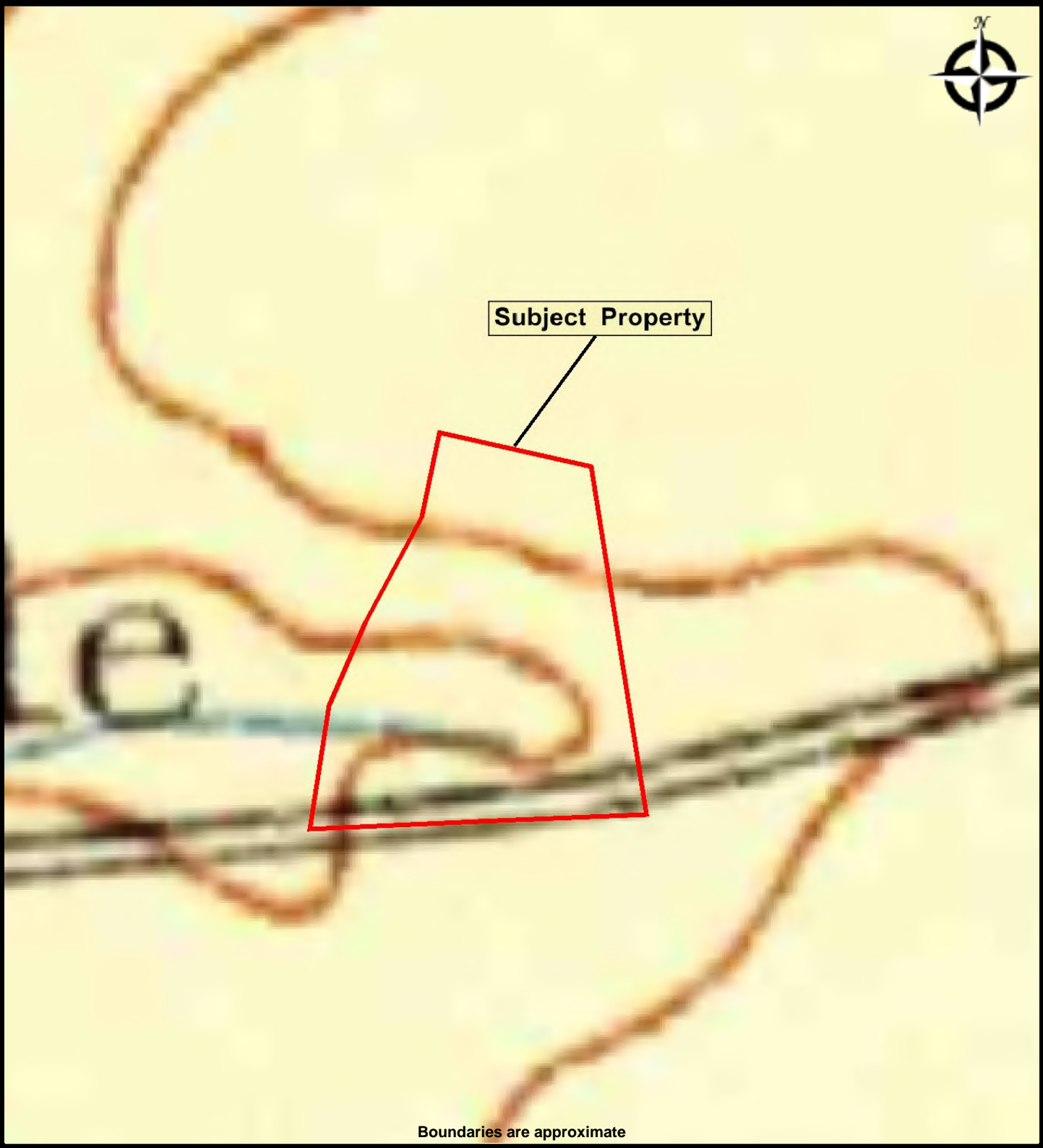


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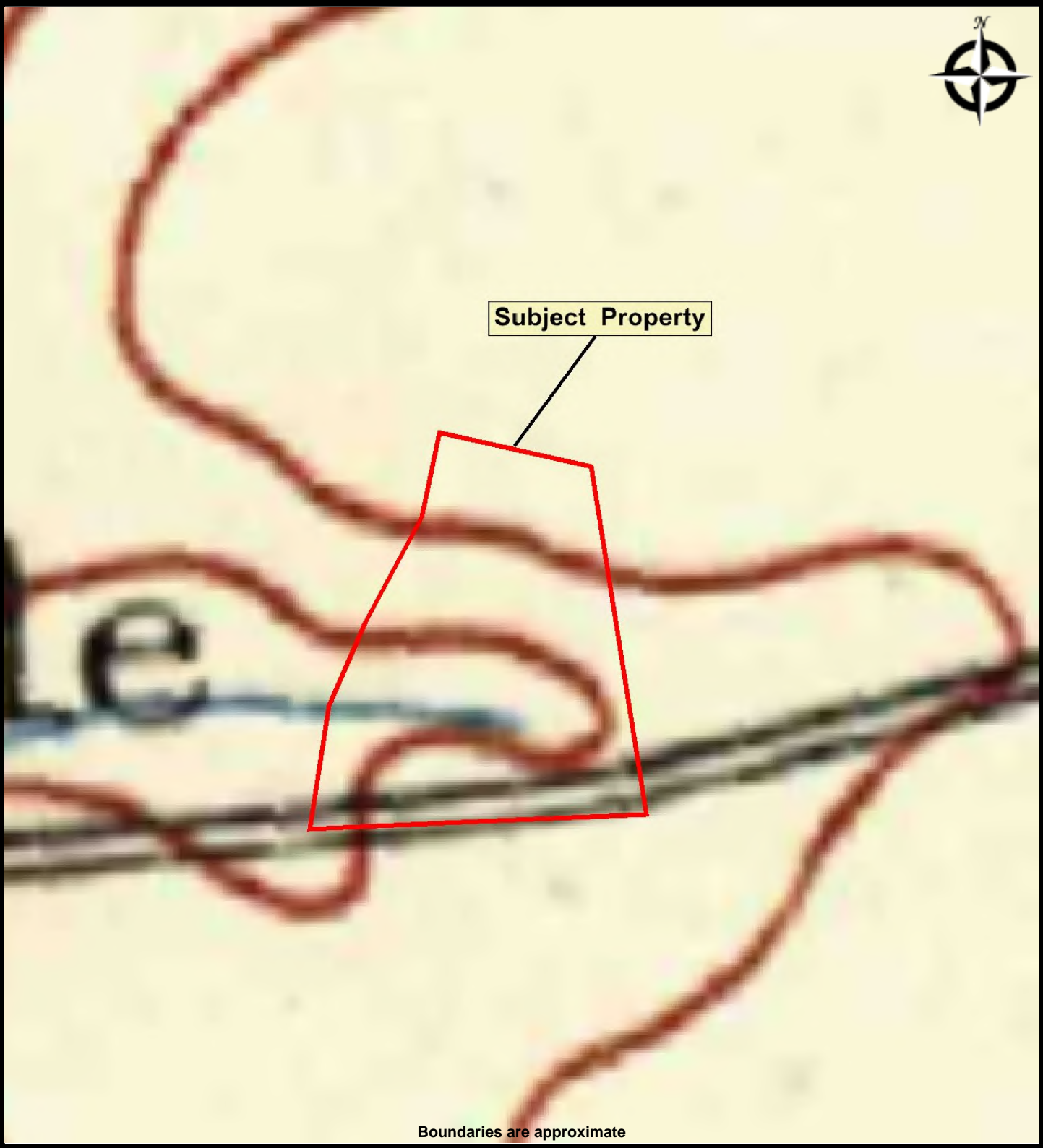


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TOPO MAP - 1891  
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TOPO MAP - 1890  
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Fairfax County DGS  
Stringfellow Road & Autumn Willow Drive  
Fairfax, VA 22030

Inquiry Number: 5623180.3

April 16, 2019

## Certified Sanborn® Map Report



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Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## Certified Sanborn® Map Report

04/16/19

**Site Name:**

Fairfax County DGS  
Stringfellow Road & Autumn W  
Fairfax, VA 22030  
EDR Inquiry # 5623180.3

**Client Name:**

PSI, Inc.  
2930 Eskridge Road, Suite C  
Fairfax, VA 22031  
Contact: Ariel Yeakel



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Sanborn® Library search results

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**Fairfax County DGS**

Stringfellow Road & Autumn Willow Drive  
Fairfax, VA 22030

Inquiry Number: 5623180.10  
April 22, 2019

## The EDR-City Directory Image Report



Environmental Data Resources Inc

6 Armstrong Road  
Shelton, CT 06484  
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[www.edrnet.com](http://www.edrnet.com)

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### SECTION

Executive Summary

Findings

City Directory Images

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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

*infoUSA*<sup>®</sup>

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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>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1971	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1967	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1963	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory

## FINDINGS

### TARGET PROPERTY STREET

Stringfellow Road & Autumn Willow Drive  
Fairfax, VA 22030

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

#### AUTUMN WILLOW DR

2014	pg A1	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	pg A5	EDR Digital Archive	
2000	pg A7	EDR Digital Archive	
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1987	-	Haines Criss-Cross Directory	Street not listed in Source
1982	-	Haines Criss-Cross Directory	Street not listed in Source
1977	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Hill's City Directory	Street not listed in Source
1967	-	Hill's City Directory	Street not listed in Source
1963	-	Hill's City Directory	Street not listed in Source

#### STRINGFELLOW RD

2014	pg A2	EDR Digital Archive	
2010	pg A4	EDR Digital Archive	
2005	pg A6	EDR Digital Archive	
2000	pg A8	EDR Digital Archive	
1995	pg A10	EDR Digital Archive	
1992	pg A13	EDR Digital Archive	
1987	pg A15	Haines Criss-Cross Directory	
1982	pg A16	Haines Criss-Cross Directory	
1977	pg A17	Haines Criss-Cross Directory	
1971	-	Hill's City Directory	Street not listed in Source
1967	-	Hill's City Directory	Street not listed in Source
1963	-	Hill's City Directory	Street not listed in Source

## FINDINGS

Year

CD Image

Source

### STRINGFELOW RD

1995	pg A11	EDR Digital Archive
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### STRINGFLW RD

2000	pg A9	EDR Digital Archive
1995	pg A12	EDR Digital Archive

### STRINGLFW RD

1992	pg A14	EDR Digital Archive
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## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**AUTUMN WILLOW DR 2014**

13050	AZHAR, WADEA
	SMART STEPS LLC
13065	CHAN, SCOTT N
13067	COAN, CARL C
13068	CHO, YJ
13069	BANIT, WALTER D
13070	UPPULURI, SRINIVAS V
13071	CHEN, VINCE C
13072	BORGA, BRIAN L
13073	KIWAN, MAHER M
13074	CONSIDINE, PADRAIC K
13075	KURTENBACH, DANIEL H
13076	FREEMAN, DONALD H
13077	CHOI, SOO Y
13078	SOLIS, FRANK M
13081	DU, JUN
13082	AAOJI INC
	BOMBAY SPICES
	DABBA INC
	SINGH, DAVINDER S
13083	DAVIS, CYNTHIA C
13084	WHITE, BRIAN D
13085	REGAN, DENIS B
13086	OCCUPANT UNKNOWN,
13087	BIRCH, JIM R
13088	GABRIELAS RESTAURANT
	THEODORAKOGOU, LEONIDAS T

**STRINGFELLOW RD 2014**

5001	CRUZ, ROBIN D
5019	WHALAN, CLAUDIA D
5023	ALL SEASONS SIDING INC
	OH, YOUNG C
5027	KANDAHARI, MOHAMMAD Z
5031	CPS SERVICES INC
	SEDRAK, KHALED N
5035	KANDAHARI, A D
	OVERNIGHT TOWING INC
5212	WHORTON, LOIS U

**AUTUMN WILLOW DR 2010**

13065 BARATS FAMILY LTD PARTNERSHIP  
METCALFE, BALLARD K  
13067 COAN, CARL C  
13068 CHO, YUNG J  
13069 OCCUPANT UNKNOWN,  
13070 ARLINSKY, HARRIS D  
13071 CHEN, VINCE C  
13072 MCMASTER, JACQUELINE D  
13073 ABTAHI, ALI  
13074 CONSIDINE, JOHN J  
13075 KURTENBACH, DANIEL H  
13076 FREEMAN, DONALD A  
13077 OCCUPANT UNKNOWN,  
13078 SOLIS, FRANK M  
13081 DU, JUN  
13082 BOMBAY SPICES  
CBMS UNITED INC  
OCCUPANT UNKNOWN,  
13083 DAVIS, CYNTHIA C  
13084 WHITE, BRIAN D  
13086 MARTIN, GERMAN  
13087 BIRCH, JIM R  
13088 GABRIELAS RESTAURANT  
THEODORAKOGOU, LEONIDAS T

**STRINGFELLOW RD 2010**

5001	SAEEDI, NINA S
5019	WHALAN, JAMES M
5023	ALL SEASONS SIDING INC OH, YOUNG C
5027	KANDAHARI, MOHAMMAD Z
5031	CPS SERVICES INC ELAGAZY, MOHAMED S
5035	KANDAHARI, A OVERNIGHT TOWING INC
5212	WHORTON, LOIS U

**AUTUMN WILLOW DR 2005**

13065 BARATS FAMILY LTD PARTNERSHIP  
FERNANDO, A E  
13067 COAN, CARL C  
13068 CHO, YUNG J  
13069 OCCUPANT UNKNOWN,  
13070 ARLINSKY, HARRIS D  
13071 CHEN, VINCENT C  
13072 MCMASTER, JACQUELINE D  
13073 ABTAHI, ALI  
13074 CONSIDINE, JOHN J  
13075 KURTENBACH, DANIEL H  
13076 FREEMAN, DONALD A  
13077 CHOI, SOO Y  
13078 SOLIS, FRANK M  
13081 DU, JUN  
13082 PULLMAN, REED R  
13083 DAVIS, CYNTHIA C  
13084 CENTEX REAL ESTATE CORP  
OLSON, ERIC G  
13085 ROSE, D D  
13086 KHANG, HYOK K  
13087 BIRCH, JIM R  
13088 GABRIELAS RESTAURANT  
THEODORAOGLOU, LEONIDAS

**STRINGFELLOW RD 2005**

5001	OCCUPANT UNKNOWN,
5019	WHALAN, CHERYL L
5023	GHUMAN, GOBINDER S
5027	IMPROVEMENT INC
	KOMDAHARI, MOHAMMAD Z
5031	ELAGAZY, MOHAMED S
5035	KANDAHARI, A
5212	WHORTON, FRANK B

**AUTUMN WILLOW DR 2000**

13065	SASSEVILLE, REA R
13067	COAN, CARL
13068	BOONE, G D
13069	OCCUPANT UNKNOWN,
13070	HANRAHAN, K
13071	PINSON, LARRY
13072	MCMASTER, MERLE D
13074	CONSIDINE, JOHN
13075	KURTENBACH, DANIEL H
13078	OCCUPANT UNKNOWN,
13082	HEWITT, TROY L
13083	COLEMAN, JAMES
13084	BYRD, STEVEN L
13085	ROSE, D D
13086	KHANG, HYOK
	PAEK, YON
13087	BIRCH, JIM
13088	THEODORAKOGLU, L

**STRINGFELLOW RD 2000**

4800	CENTREVILLE PAVING
	CROSON, JOSEPH W
4808	CROSON, GREGORY
	G&C TRUCKING
4850	WILSON, L J
4900	OCCUPANT UNKNOWN,
4904	E M B INTERNATIONAL LLC
	HARRISON, AARON T
5001	ELBON, MICHAEL R
5027	VAHDANI, FARIBA
5028	DOSENBERRY, BLAINE
5032	OCCUPANT UNKNOWN,
5035	BRITTLE, MILDRED
5110	FORMAN, EVELYN L
5212	WHORTON, FRANK B

**STRINGFLW RD 2000**

5338	SCHMIDT, ROBERT
5344	PORTER, C E
	STANLEY, GEORGE W
5400	THOMPSON, FAYE

**STRINGFELLOW RD 1995**

4774	CRISSMAN EXACAVATING & PAV CO
4800	CROSON, JOSEPH W
4904	CUNDIFF, BARBARA E
5001	ELBON, MICHAEL R
5019	WHALAN, JAMES M
5212	WHORTON, FRANK B
5226	REDMON, M
5344	WOLFORD, D

**STRINGFELOW RD 1995**

4900 PAUL, C L

**STRINGFLW RD 1995**

4850	FORRESTER, SHEILA M
5019	WHALAN, JAMES M
5028	DOSENBERRY, BLAINE
5106	POLLARD, STELLA L
5226	SHEWBRIDGE, CHARLES L III
5330	ALTIZER, EVELYN S
5338	SCHMIDT, ROBERT

**STRINGFELLOW RD 1992**

4774	CRISSMAN EXACAVATING & PAV CO
	CRISSMAN, ESTER
4800	CROSON, J W
	CROSON, JOSEPH W
4850	FORRESTER, SHEILA M
4900	PAUL, C L
4920	POORE, M L
5001	THOMPSON, HORACE E
5019	WHALAN, JAMES M
5106	POLLARD, STELLA L
5212	WHORTON, FRANK B
5226	DEFLAVIS, C P
5326	NEAL, CURTIS C
5330	ALTIZER, EVELYN S
5338	SCHMIDT, ROBERT
5344	PARKER, SYLVIA
	STANLEY, GEORGE W

**STRINGLFW RD 1992**

4920 NSENNIS, TIM

## STRINGFELLOW RD 1987

STRINGFELLOW RD 22020 CENTREVILLE VA			
4701	XXXX	00	
4711	XXXX	00	
4715	XXXX	00	
4718	XXXX	00	
4774	CRISSMAN ESTER	830-3429	2
4780	XXXX	00	
4800	CROSON J W	830-0170	6
	CROSON JOSEPH W	631-0320	8
4808	NEWCOMER E F	830-1282	+7
4842	XXXX	00	
4843	XXXX	00	
4850	CLATTERBUCK ELLIS W	830-8579	
4851	XXXX	00	
4900	PAUL CLIFFORD L	631-9218	
4901	XXXX	00	
4920	REEDY ELMER M	830-2181	
4932	XXXX	00	
5001	HAWKINS TERESA	830-6144	+7
	HAWKINS TRACEY	830-6144	+7
5012	XXXX	00	
5015	XXXX	00	
5019	WHALAN JAMES M	631-9827	1
5023	DAY ELMER H	830-8195	
5027	XXXX	00	
5028	XXXX	00	
5031	XXXX	00	
5032	SHENK JANET L	631-2225	1
5035	KORZENDORFER C	830-2921	9
5106	DAWSON RICHARD A	830-0871	+7
5108	XXXX	00	
5110	XXXX	00	
5200	XXXX	00	
5212	WHORTON FRANK B	830-2243	
5226	XXXX	00	
5326	★CURTIS SWEEPS	830-3304	6
	★CURTIS TREE SERVICE	830-3304	
	NEAL MICHAEL LEE	631-8590	6
5328	XXXX	00	
5330	ALTIZER BYRON	631-0653	+7
	ALTIZER E	830-9692	1
5338	SCHMIDT PAMELA	830-2198	6
	SCHMIDT ROBERT	830-2198	
5344	STANLEY GEORGE W	830-2232	
5400	MORTON ROBERT	830-7136	+7
5410	XXXX	00	
5416	ROSE J A	830-9539	4
	ROSE P	830-1415	+7
★	2 BUS	45 RES	7 NEW

## STRINGFELLOW RD 1982

STRINGFELLOW RD 22020  
CENTREVILLE

4701	XXXX	00
4711	FITZJOHN HERMAN JR	830-2461 0
4715	FITZJOHN LILELLA T	830-1665 +2
4718	HOSKINS CHARLES	830-9133 +2
	SHUPE JOHN	830-3378 9
4774	CRISSMAN ESTER	830-3429 +2
4780	XXXX	00
4800	CROSON D J	830-4161 +2
	CROSON JOSEPH W	631-0320 8
4808	BITTINGER D F	830-1282 1
4831	ANDRES JAMES	830-8841 +2
4842	XXXX	00
4843	MAYS REECE T	830-2547 3
4850	CLATTERBUCK ELLIS	830-8579 7
4851	XXXX	00
4900	PAUL CLIFFORD L	631-9218
4901	FLETCHER NATHANIEL	830-3881 1
4905	XXXX	00
4920	REEDY ELMER M	830-2181 3
4932	XXXX	00
5001	CAMPBELL ROY E	631-9195
5012	XXXX	00
5015	XXXX	00
5019	WHALAN JAMES M	631-9827 1
5023	DAY ELMER H	830-8195 7
5027	XXXX	00
5032	SHENK JANET L	631-2225 1
5035	KORZENDOFR C	830-2921 9
5106	BILL SMITHS TRASH	830-2090 +2
	SMITH WILLIAM S	830-2090 0
5108	CHILDRESS ELSIE	830-1021 5
5110	XXXX	00
5200	XXXX	00
5212	WHORTON FRANK B	830-2243 6
5226	BOYD ROGER L	830-2321 3
5326	JACKSON JENNIFER	830-8597 +2
5330	ALTIZER E	830-9692 1
5338	MOHLER J D	830-2198 6
5344	MARKER ROSAMARIE	631-1846 +2
	STANLEY GEORGE W	830-2232 5
5400	YATES WILEY E	631-9058
5410	XXXX	00
5416	WELLS H C	830-3420 +2
5422	SMITH PEARL E	830-8288
★	2 BUS	42 RES 9 NEW

## STRINGFELLOW RD 1977

STRINGFELLOW RD 22020 CENTREVILLE			
4701	XXXX	00	
4711	FITZJOHN HERMAN JR	830-2461	3
4715	FITZJOHN MILDA K	631-9748	0
4718	XXXX	00	
4774	BURCH CHARLES W	830-2389	2
4780	XXXX	00	
4800*	CENTREVL PAVING CO	631-1217+7	
	CORSON L D	830-8060+7	
4808	NEWCOMER B S	830-1282	1
4831	THORPE LOUISE F	830-8218	
4842	XXXX	00	
4843	MAYS REECE T	830-2547	3
4850	CLATTERBUCK ELLIS	830-8579+7	
4851	SANDERS ENIK J	830-8560	4
4900	PAUL CLIFFORD L	631-9218	8
4901	FLETCHER NATHANIEL	631-9893	0
4905	XXXX	00	
4920	REEDY ELMER M	830-2181	3
4932	XXXX	00	
5001	CAMPBELL ROY E	631-9195	8
5012	XXXX	00	
5015	HAMM THELMA	830-3576+7	
5019	XXXX	00	
5023	DAY ELMER H	830-8195+7	
5027	XXXX	00	
5032	TEMPLETON RALPH L	631-9116	1
5035	XXXX	00	
5106	SMITH BETTY L	830-2138	5
	SMITH PETE	830-2264+7	
5108	CHILDRESS ELSIE	830-1021	5
5110	XXXX	00	
5200	XXXX	00	
5212	WHORTON FRANK B	830-2243	6
5226	BOYD ROGER L	830-2321	3
5326	MAKELY CLAUDE H	830-8597	
5330	ALTIZER ROBERT E JR	631-0509	6
5338	MOHLER J D	830-2198	6
5344	STANLEY GEORGE W	830-2232	5
	STANLEY RONALD	830-3371+7	
5400	YATES WILEY E	631-9058	8
5410	TILSON NOVA	830-3119+7	
5416	XXXX	00	
5422	SMITH PEARL E MRS	830-8288	
* 1 BUS 42 RES 8 NEW			

# **DATA GAP WORKSHEET**

# DATA GAP WORKSHEET

Project or Property Name: Undeveloped Property – Fairfax, VA  
Project Number: 04481460

Requirement	Status	Other Sources of Information	SDG*
Category Activity	N/A Complete Incomplete	Reference Source(s) Obtained or What Sources PSI Used to Try To Close Data Gap	Blank if None
<b>User Responsibilities</b>			
User Knowledge and Information	<input type="checkbox"/> <input checked="" type="checkbox"/>	User Questionnaire was not provided by the client	
Environmental Lien and AUL Information	<input checked="" type="checkbox"/> <input type="checkbox"/>		
PSI Obtained Environmental Lien/AUL Search on Behalf of Client (YES or NO)	<b>NO</b>		
PSI Obtained Chain-of-Title on Behalf of Client (YES or NO)	<b>NO</b>		
<b>Environmental Records Review</b>			
Standard Environmental Records Source Information	<input checked="" type="checkbox"/> <input type="checkbox"/>	EDR	
Discretionary or Local Environmental Records Source Information	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Virginia Department of Environmental Quality (VA DEQ)	
<b>Physical Setting Sources Review</b>			
Standard Physical Setting Record Information (topo map)	<input checked="" type="checkbox"/> <input type="checkbox"/>	USGS Topographic Map & EDR Geocode	
Additional Physical Setting Record Information	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
<b>Historical Data Sources Review</b>			
Property History Identified to 1940	<input checked="" type="checkbox"/> <input type="checkbox"/>	Historical Topographic maps	
Property History Identified to First Developed Use	<input checked="" type="checkbox"/> <input type="checkbox"/>	Aerial Photograph	
Gaps of >5 Years in Historical Data Sources	<input type="checkbox"/> <input checked="" type="checkbox"/>		
Surrounding Property History Information	<input checked="" type="checkbox"/> <input type="checkbox"/>	Historical Topographic Maps, Aerial Photographs, City Directories, Fire Insurance Maps	

## DATA GAP WORKSHEET

Project or Property Name: Undeveloped Property – Fairfax, VA  
Project Number: 04481460

Requirement	Status	Other Sources of Information	SDG*
Category Activity	N/A Complete Incomplete	Reference Source(s) Obtained or What Sources PSI Used to Try To Close Data Gap	Blank if None

### Site Reconnaissance

Observations: Exterior areas of the Subject Property	<input checked="" type="checkbox"/> <input type="checkbox"/>	Site reconnaissance conducted on April 16, 2019	
Observations: Interior of Buildings on the Subject Property	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Site reconnaissance conducted on April 16, 2019	
Current and Past Uses of the Subject Property	<input checked="" type="checkbox"/> <input type="checkbox"/>	Historical Topographic Maps, Aerial Photographs, City Directories, Fire Insurance Maps	
Observations: Adjoining Property	<input checked="" type="checkbox"/> <input type="checkbox"/>	Site reconnaissance conducted on April 16, 2019	
Current and Past Uses of the Adjoining Property	<input checked="" type="checkbox"/> <input type="checkbox"/>	Historical Topographic Maps, Aerial Photographs, City Directories, Fire Insurance Maps	
Uses of the Surrounding Property	<input checked="" type="checkbox"/> <input type="checkbox"/>	Site reconnaissance and Historical Topographic Maps, Aerial Photographs, City Directories, Fire Insurance Maps	

### Interviews (with...)

Current Owner	<input checked="" type="checkbox"/> <input type="checkbox"/>	Interview with Tony Esse	
Identified Key Site Manager	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Interview with Tony Esse	
Non-Residential Major Occupants	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Interview with Tony Esse	
Occupants with Operations Likely to Indicate RECs	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Interview with Tony Esse	
Past Owners, Operators, and/or Occupants	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Past owner contact information was not provided. See below for further detail.	
If Subject Property Abandoned or Vacant, Owner or Occupants of Neighboring Properties	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
State or Local Government Official	<input type="checkbox"/> <input checked="" type="checkbox"/>	Response not received to FOIA request.	

## DATA GAP WORKSHEET

Project or Property Name: Undeveloped Property – Fairfax, VA  
Project Number: 04481460

Requirement	Status	Other Sources of Information	SDG*
Category Activity	N/A Complete Incomplete	Reference Source(s) Obtained or What Sources PSI Used to Try To Close Data Gap	Blank if None

### FOIAs (to...)

Fire Department	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Response not received to FOIA request	
Fairfax County Agency	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Response not received to FOIA request	
State-Equivalent Environmental Department	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Response not received to FOIA request	
Other Agency	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

### Comments and Explanations Regarding Incomplete Data

Historical information sources researched in this assessment allowed uses of the property to be traced from the present back to 1890.

PSI was not provided with contact information for past owners. The absence of this interview represents a data gap for past owners, operators, and occupants under Interviews.

Based on the known property history, the absence of this information is unlikely to affect the outcome of the report and therefore is not considered to be a significant data gap.

\* SDG = Significant Data Gap. List Identified SDG(s) in Section 1.1.1 of the Report

# **SUPPLEMENTAL DOCUMENTATION**

MAP #: 0553 01 0026A  
FAIRFAX COUNTY PARK AUTHORITY

13208 LEE HWY

### Owner

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Name	FAIRFAX COUNTY PARK AUTHORITY,
Mailing Address	12055 GOVERNMENT CENTER PKWY STE 421 FAIRFAX VA 22035 5500
Book	23160
Page	1171

### Parcel

---

Property Location	13208 LEE HWY FAIRFAX VA 22030
Map #	0553 01 0026A
Tax District	80200
District Name	SPRINGFIELD DIST. #2
Land Use Code	Vacant Land
Land Area (acreage)	
Land Area (SQFT)	420,229
Zoning Description	R-1(Residential 1 DU/AC)
Utilities	WATER AVAILABLE SEWER AVAILABLE GAS AVAILABLE
County Inventory of Historic Sites	NO
County Historic Overlay District	NO  For further information about the Fairfax County Historic Overlay Districts, <a href="#">CLICK HERE</a>  For properties within the towns of Herndon, Vienna or Clifton please contact the town to determine if the property is within a town historic district.
Street/Road	PAVED
Site Description	BUILDABLE-POOR LOT

### Legal Description

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Legal Description	PROPERTY OF BOARD OF SUPERVISORS FX CTY PCL 26A
-------------------	----------------------------------------------------

### Last Refresh

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Date	
Data last refreshed:	23/Apr/2019 DB:PORA34CUR

## General Information

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### Need Help?

For questions and requests for information about the Real Estate site, call 703-222-8234 or [CLICK HERE](#)

### Disclaimer/Privacy Policy

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If you believe any data provided is inaccurate or if you have any comments about this site, we would like to hear from you. Owner names will be withheld from the Internet record upon request. Comments or requests may be made via e-mail to the Real Estate Division at [Real Estate Division](#) or by phone at (703) 222-8234.

While Fairfax County has attempted to ensure that the data contained in this file is accurate and reflects the property's characteristics, Fairfax County makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of this data. Fairfax County does not assume any liability associated with the use or misuse of this data.

Source: Fairfax County Department  
of Tax Administration, Real Estate Division.

MAP #: 0553 01 0026B  
BOARD OF SUPERVISORS  
FAIRFAX COUNTY

13090 AUTUMN WILLOW DR

### Owner

Name	BOARD OF SUPERVISORS FAIRFAX COUNTY,
Mailing Address	12000 GOVERNMENT CENTER PKWY STE 533 FAIRFAX VA 22035 0001
Book	23160
Page	1171

### Parcel

Property Location	13090 AUTUMN WILLOW DR FAIRFAX VA 22030
Map #	0553 01 0026B
Tax District	80200
District Name	SPRINGFIELD DIST. #2
Land Use Code	Vacant Land
Land Area (acreage)	
Land Area (SQFT)	474,183
Zoning Description	R-1(Residential 1 DU/AC)
Utilities	WATER AVAILABLE SEWER NOT AVAILABLE GAS AVAILABLE
County Inventory of Historic Sites	NO
County Historic Overlay District	NO  For further information about the Fairfax County Historic Overlay Districts, <a href="#">CLICK HERE</a>  For properties within the towns of Herndon, Vienna or Clifton please contact the town to determine if the property is within a town historic district.
Street/Road	PAVED
Site Description	BUILDABLE-POOR LOT

### Legal Description

Legal Description	NEAR CENTREVILLE PCL 26B
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### Sales History

Date	Amount	Seller	Buyer
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05/29/2013      \$0 BOARD OF SUPERVISORS FAIRFAX COUNTY      BOARD OF SUPERVISORS FAIRFAX COUNTY

## Sales

Date	05/29/2013
Amount	\$0
Seller	BOARD OF SUPERVISORS FAIRFAX COUNTY
Buyer	BOARD OF SUPERVISORS FAIRFAX COUNTY
Notes	No consideration
Deed Book and Page	23160-1171
Additional Notes	

## Values

Tax Year	2019
Current Land	\$1,698,000
Current Building	\$0
Current Assessed Total	\$1,698,000
Tax Exempt	YES
Note	

## Values History

Tax Year	Land	Building	Assessed Total	Tax Exempt
2018	\$1,698,000	\$0	\$1,698,000	YES
2017	\$1,698,000	\$0	\$1,698,000	YES
2016	\$1,698,000	\$0	\$1,698,000	YES
2015	\$1,633,000	\$0	\$1,633,000	YES
2014	\$1,633,000	\$0	\$1,633,000	YES

## General Information

### Need Help?

For questions and requests for information about the Real Estate site, call 703-222-8234 or [CLICK HERE](#)

### Disclaimer/Privacy Policy

Under Virginia State law these records are public information. Display of this information on the Internet is specifically authorized by Va. Code 58.1-3122.2 (1998). See the [Virginia State Code](#) to read the pertinent enabling statute.

If you believe any data provided is inaccurate or if you have any comments about this site, we would like to hear from you. Owner names will be withheld from the Internet record upon request. Comments or requests may be made via e-mail to the Real Estate Division at [Real Estate Division](#) or by phone at (703) 222-8234.

While Fairfax County has attempted to ensure that the data contained in this file is accurate and reflects the property's characteristics, Fairfax County makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of this data. Fairfax County does not assume any liability associated with the use or misuse of this data.

### **Last Refresh**

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#### Date

Data last refreshed: 23/Apr/2019 DB:PORA34CUR

Source: Fairfax County Department  
of Tax Administration, Real Estate Division.

# **PERSONNEL QUALIFICATIONS**

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***Year started with PSI:*** 2016

***Years' experience with other firms:*** 6

***Education***

B.S., Environmental Science, Virginia Polytechnic Institute and State University - 2012

B.S., Biological Sciences, Virginia Polytechnic Institute and State University – 2012

***Certifications/Registrations/Technical Training***

Phase I & II Environmental Site Assessment Field Methods, PSI

Environmental Professional – Phase I ESA, PSI

OSHA 40-Hour HAZWOPER/OSHA 8-Hour Refresher, (current)

EPA-Accredited Asbestos Inspector (Virginia and Maryland)

Maryland Lead Inspector

Virginia Asbestos Project Monitor

***Professional Experience***

Mr. Lin has over 7 years of extensive experience in environmental projects with experience in environmental compliance and environmental site assessments. He has been involved in the collection of soil, groundwater, and air samples for determining concentrations and extent of contamination from various pollutants. Mr. Lin has performed and assisted with Phase I Environmental Site Assessments (ESA) in Virginia, the District of Columbia, and Maryland. He has also conducted soil boring investigations, supervised on-site groundwater and soil remediation, and has managed soil removal for petroleum contaminated sites. Mr. Lin has also assisted with the development with Spill Prevention Control and Countermeasure plans (SPCC), Stormwater Pollution Prevention Plans (SWPPP), Phase II Site Assessments, UST Closure Reports, asbestos-containing material (ACM) surveys, and other hazardous materials assessments.

**Montgomery County Public Schools – Maryland: *Lead in Drinking Water Sampling***

Conducted lead in water testing in accordance with EPA and Maryland House Bill 270 guidelines from over 3,000 fixtures. Maryland requires periodic testing for the presence of lead in drinking water in occupied public and nonpublic school buildings. EPA developed the 3T's (Training, Testing, and Telling) to assist schools in reducing the lead concentrations in their drinking water.

**Montgomery County Public Schools – Maryland: *Radon Testing***

PSI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. PSI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings.

**DC Department of Public Works NPDES-MSGP – Washington, DC: *Storm Water Services***

Conducted quarterly visual examinations and analytical samplings of stormwater discharge at various District of Columbia Department of Public Works (DC DPW) operated industrial sites per the National Pollutant Discharge Elimination System – Multi-Sector General Permit (NPDES-MSGP). The quarterly examinations of stormwater grab samples include observations of color, odor, turbidity, floating solids, foam, oil sheen, or other indicators of stormwater pollution.

**DC Department of the Environment NPDES MS4 – Washington, DC: *Storm Water Services***

Collection and analysis in accordance with the storm water monitoring and analysis practices recommended by the Environmental Protection Agency (EPA). Work Includes: Flow assessment, wet and dry event sample acquisition, field chemistry sample analyses, laboratory sample analyses, and report preparation to the DC Department of the Environment for compliance with US EPA NPDES permitting regulations.

**Landmark Properties, Blacksburg, VA: *Subsurface Site Characterization***

Investigated areas determined likely impacted from a dry cleaning operation and gas station, collected soil samples and shallow groundwater samples, and supervised Geoprobe (direct push) boring and air rotary operations. Prepared a report summarizing on-site activities, findings, recommendations.

**Walmart POTW – Gordonsville, VA: *Monthly POTW Sampling and Reporting***

Conducted monthly POTW sampling at the Walmart Distribution Center in Gordonsville, VA. Prepares the monthly sampling reports which include detailed flow meter results (combined daily outfall flows, total days waste discharged, total galls discharged/month, and average daily flow/month), summary of the monthly sampling field activities and results, and laboratory results.

**Colonial Pipeline Companies – Centreville, VA: *ER, Site Characterization, and Interim Remediation***

Coordinated project efforts for the characterization of a pipeline release, including the installation of extraction wells, groundwater monitoring wells, vapor extraction points, multi-media sampling efforts, and remediation systems.

**Fort Belvoir Residential Communities, LLC – Fort Belvoir, VA: *Monthly Drinking Water Sampling***

Performed monthly drinking water sampling at five of the residential communities at Fort Belvoir, VA. Monthly sample collections are tested for total coliform bacteria and chlorine levels at kitchen sinks at various residential homes and community centers.

**RIMSI Corporation – Manassas, VA: *Emergency Response and Site Characterization***

Conducted regular inspections, sampling, and corrective action measures at various downgradient receptors due to a UST release. Corrective action efforts included surfactant injections, impacted stormwater facility sediment extractions, and water treatment.

**United Airlines, Dulles International Airport, VA: *Integrated Contingency Plan***

Conducted a site visit at United Airlines (United) facilities located at Dulles International Airport (IAD). Prepared an Integrated Contingency Plan (ICP) for the North and South United facilities that incorporate several regulatory programs (SPCC, RCRA, CERCLA, and SWPPP).



**Bobby Nan Lin**  
**Department Manager**  
**Fairfax, VA**

**Hanson Pipe and Precast, Manassas, VA:** *Visual Tank Inspections, Sampling and Reporting*

Conducted monthly visual tank inspections to visually inspect onsite aboveground storage tanks and bulk storage containers. Performs quarterly visual assessments of the facility under the site SWPPP. Under the general VPDES permit, annual sampling and reporting of stormwater discharge is performed.

**Continental Teves, Culpeper, VA:** *Groundwater Monitoring and Well Installation*

Supervised the installation of multiple groundwater monitoring wells onsite and performed soil and groundwater sampling during the installation process. Provided health and safety oversight to manage the various risks presented during the drilling process for both the drillers and the Continental Teves employees.

**Capitol Power Plant – Washington, DC:** *Hidden Hazards Analysis*

Prepared a hidden hazard analysis for facilities on the Capitol Power Plant property. Work Includes: Industry search, historical data review, site investigation, developing a risk based matrix, and report preparations.

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***Year started with PSI:*** 2018

***Years' experience with other firms:*** 1.5

***Education***

Bachelor of Science in Community Development – Central Michigan University – 2017

***Certifications/Registrations/Technical Training***

Phase I & II Environmental Site Assessment Field Methods, PSI  
Environmental Professional – Phase I ESA, PSI

***Professional Experience***

Ms. Yeakel has over a year of extensive experience in environmental Phase I's with experience environmental site assessments. Ms. Yeakel has performed and assisted with Phase I Environmental Site Assessments (ESA) in Virginia, the District of Columbia, Maryland, Delaware, New York, and Massachusetts. She has also assisted with the development of lead water surveys, lead paint assessments and asbestos-containing material (ACM) surveys and other hazardous materials assessments.

***Representative Phase I/II Environmental Site Assessment Experience***

- Caliber Collision auto repair facilities in Virginia and Maryland – Phase I ESAs for commercial/industrial properties, including ground reconnaissance, records review, and report preparation. Some Phase I ESAs included asbestos, lead-based paint, lead in drinking water, and radon gas screening surveys.
- Industrial warehouse located in New Castle, DE - Phase I ESA for a commercial property, including ground reconnaissance, records review, and report preparation. Report included asbestos, lead-based paint, lead in drinking water, and radon gas screening surveys.
- Outback Steakhouse located in Herndon, VA – Phase I ESA for a commercial property, including ground reconnaissance, records review, and report preparation.
- Cheddar's Restaurant located in Fredericksburg, VA – Phase I ESA for a commercial property, including ground reconnaissance, records review, and report preparation.
- Former textile mill, Norwich, CT – Phase I ESA for an industrial property, including ground reconnaissance, records review, and report preparation.
- Lidl grocery stores in Virginia, Maryland, and New York – Phase I ESA for a commercial property, including ground reconnaissance, records review, and report preparation. Report included asbestos, lead-based paint, lead in drinking water, and radon gas screening surveys.

***Drinking Water Monitoring Project Experience***

- Lead in Drinking Water Testing and Analyzing, Montgomery County, MD – Conducted sampling of drinking water in schools in Montgomery County, analyzed results, and prepared drinking water monitoring reports.



**Ariel Yeakel**  
**Environmental Tech III**  
**Fairfax, VA**

***Representative Asbestos, Lead and IH Project Experience***

- Walmart facilities located in Maryland and Virginia – ACM surveys at more several Walmart facilities covering retail areas, bathrooms, storage areas, and offices.
- Sampling of Project CORE buildings in Baltimore, MD – ACM surveys at several Baltimore townhomes covering materials associated with flooring, roofing, surfacing material, and caulking.