

# Revised Phase I Environmental Site Assessment Report

ExxonMobil Station # 2-6140  
9901 Georgetown Pike  
Great Falls, Virginia 22066

October 31, 2009

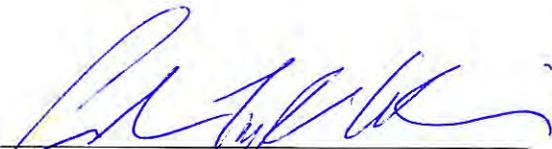
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# TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>1.0 INTRODUCTION.....</b>	<b>4</b>
1.1 Objective.....	4
1.2 Scope of Work.....	5
1.3 Significant Assumptions.....	5
1.4 Limitations and Exceptions.....	5
1.5 Special Terms and Conditions.....	5
1.6 User Reliance.....	6
<b>2.0 SITE DESCRIPTION.....</b>	<b>7</b>
2.1 Location and Legal Description .....	7
2.2 Site Vicinity and Characteristics .....	7
2.3 Current Uses of Property.....	7
2.4 Description of Structures, Roads and Improvements.....	8
2.5 Current Uses of Adjoining Properties .....	9
2.6 General Geologic Setting.....	9
2.7 General Hydrogeologic Setting.....	10
2.8 Flood Plain Setting.....	10
<b>3.0 USER PROVIDED INFORMATION.....</b>	<b>12</b>
3.1 Title Records.....	12
3.2 Environmental Liens or Activity and Use Limitations .....	12
3.3 Owner, Property Manager and Occupant Information .....	12
<b>4.0 SITE HISTORICAL INFORMATION .....</b>	<b>13</b>
4.1 Historical Aerial Photographs.....	13
4.2 Sanborn Fire Insurance Maps .....	14
4.3 Historical USGS Topographic Maps.....	15
4.4 City Directories.....	16
4.5 City or County Property Tax and Building and Zoning Records.....	17
<b>5.0 ENVIRONMENTAL RECORDS REVIEW .....</b>	<b>18</b>
5.1 Standard Federal and State Environmental Record Sources .....	18
5.2 Supplemental Federal, State and Local Environmental Record Sources .....	23
5.3 County Health or State Environmental Department File Review.....	26
5.4 Department Environmental File Review.....	27
<b>6.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS.....</b>	<b>28</b>
<b>7.0 ENVIRONMENTAL PERMITS.....</b>	<b>29</b>
<b>8.0 INTERVIEW AND SITE RECONNAISSANCE INFORMATION.....</b>	<b>30</b>
8.1 Methodology and Limiting Conditions .....	30
8.2 Interviews.....	30
8.3 Interior and Exterior Site Reconnaissance Observations.....	31
<b>9.0 FINDINGS, CONCLUSIONS AND OPINIONS .....</b>	<b>35</b>
<b>10.0 RECOMMENDATIONS .....</b>	<b>36</b>
<b>11.0 DOCUMENTATION AND DATA FAILURE .....</b>	<b>37</b>
<b>12.0 QUALIFICATIONS OF PROFESSIONALS.....</b>	<b>38</b>

**TABLE OF CONTENTS**  
(continued)

**LIST OF TABLES**

<b><u>TABLE</u></b>	<b><u>PAGE</u></b>
4.1 HISTORIC AERIAL PHOTOGRAPHY OBSERVATIONS .....	13
4.2 SANBORN FIRE INSURANCE MAP OBSERVATIONS.....	14
4.3 HISTORIC USGS TOPOGRAPHIC MAP OBSERVATIONS.....	15
4.4 CITY DIRECTORY ABSTRACT SUMMARY FOR SUBJECT PROPERTY .....	17
4.5 CITY DIRECTORY ABSTRACT SUMMARY FOR SURROUNDING PROPERTIES....	17
5.1 STANDARD FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES.....	20
5.2 SITES IDENTIFIED FROM STANDARD FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES .....	22
5.3 SUPPLEMENTAL FEDERAL, STATE AND LOCAL ENVIRONMENTAL RECORD SOURCES .....	23
5.4 SITES IDENTIFIED FROM SUPPLEMENTAL FEDERAL, STATE AND LOCAL ENVIRONMENTAL RECORD SOURCES .....	24
8.3 INTERIOR AND EXTERIOR SITE RECONNAISSANCE OBSERVATIONS.....	29

**LIST OF ATTACHMENTS**

**ATTACHMENT**

- A FIGURES
  - SITE LOCATION MAP (FIGURE 1)
  - SITE MAP (FIGURE 2)
  - LOCAL AREA MAP (FIGURE 3)
- B SITE RECONNAISSANCE PHOTOGRAPHS
- C THE EDR RADIUS MAP WITH GEOCHECK DATABASE REPORT
- D HISTORICAL USE DATABASE REPORTS AND DOCUMENTATION
  - THE EDR AERIAL PHOTO DECADE PACKAGE REPORT
  - EDR SANBORN MAP REPORT
  - EDR HISTORICAL TOPOGRAPHIC MAP REPORT
  - THE EDR-CITY DIRECTORY ABSTRACT
  - STATE, COUNTY OR CITY GOVERNMENT RECORDS

**TABLE OF CONTENTS**  
**(continued)**

**ATTACHMENTS**

**ATTACHMENT**

- E ENVIRONMENTAL PERMITS**
- F PHASE I ESA FIELD RECORDS**
- G QUALIFICATIONS OF PARTICIPATING ENVIRONMENTAL PROFESSIONALS**

## EXECUTIVE SUMMARY

### Phase I Environmental Site Assessment

ExxonMobil Station # 2-6140

9901 Georgetown Pike

Great Falls, Virginia 22066

Groundwater & Environmental Services, Inc. (GES) has revised the Phase I Environmental Assessment originally submitted on December 5, 2008 and is submitting the Revised Phase I Environmental Assessment for the facility identified as ExxonMobil Station 2-6140 located at 9901 Georgetown Pike, Great Falls, Virginia (the Property). The Phase I Environmental Assessment submitted on December 5, 2008, reported that the potable water and sewer service at the Property was supplied by Fairfax County municipal water and sewer. However, in the Phase II Environmental Assessment submitted by Environmental Resolutions, Inc. (ERI) in July 2009, an onsite potable well and septic field was noted at the Property. Additional research was also conducted with Fairfax County Department of Health to identify additional wells within a quarter mile radius of the Property. Sections 2.4, 2.7 and 9.0 of this report have been revised to include this information.

EMG completed this Phase I ESA in accordance with the standard practice guidelines established in American Society for Testing and Materials (ASTM) Practice E 1527-05. The Property is utilized as a petroleum filling station and a convenience store that also operates a vehicle service and repair facility. This Phase I ESA was performed for the purpose of satisfying the due diligence qualification requirements for the innocent landowner defense to liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as defined in 42 United States Code (USC) 9601 (35)(B).

The purpose of the Phase I ESA was to establish an information base for assessing the potential for "recognized environmental conditions" at the Property. This information will be used to evaluate potential environmental liabilities associated with the Property. The term "**recognized environmental conditions**" means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the Property or into the ground, groundwater or surface water of the Property. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

EXECUTIVE SUMMARY TABLE		
Item	Yes/No	Report Reference
Open Release Case(s)	No	None reported.
Closed Release Case(s)	Yes	Review of available information indicates that there is one closed release case for the Property. See Section 5.0 for details.
Existing Underground Storage Tank (UST) Systems	Yes	The Property currently utilizes three (3) USTs including one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs. See Sections 5.1 (Table 5.2) and 7.0 for details.
Former UST Systems	Yes	The Property formerly maintained one (1) UST system, including: two (2) 8,000-gallon gasoline USTs and one (1) 4,000-gallon gasoline UST. Section 5.1 for details.
Used Oil USTs	Yes	A review of available information indicates that the Property formerly maintained four (4) 1,000-gallon waste oil USTs. Section 5.1 for details.

EXECUTIVE SUMMARY TABLE		
Item	Yes/No	Report Reference
Heating Oil USTs	Yes	Information obtained from the VDEQ indicates that a 1,000-gallon heating oil UST was removed from the Property. Section 5.1 for details.
Aboveground Storage Tanks (ASTs)	Yes	The Property utilizes one (1) 1,000-gallon propane AST, two (2) 250-gallon waste oil ASTs, and one (1) empty, out of use 250-gallon AST. The ASTs appeared to be in good condition. Evidence of significant staining or spills was not observed on, beneath or surrounding the ASTs.
Waste Management Activities	Yes	The Property was identified in the Resource Conservation and Recovery Database. See Section 5.1 (Table 5.2) for details.
Car Wash	No	None reported.
Wastewater DischarEMG	Yes	None reported.
Hydraulic Lifts	Yes	The Property utilizes three (3) hydraulic lifts, including two (2) underground and one (1) aboveground. Section 8.3 for details.
Drums	Yes	Two (2) 30-gallon drums of parts cleaner were observed in the service area. One (1) 55-gallon drum of waste antifreeze and two (2) empty 55-gallon drums were observed to the south of the Property building, stored on a wood pallet. The waste antifreeze drum appeared to be approximately 30% full. One (1) 55-gallon drum of transmission fluid, one (1) 55-gallon drum of antifreeze, and three 30-gallon drums of motor oil were observed in the service area. The drums appeared to be in good condition. Evidence of significant staining or spills was not observed beneath or surrounding the drums.
Adjacent Property – Recognized Environmental Conditions	Yes	There is a LUST, LTANKS, and UST site adjacent to the Property which has the potential to have impacted the environmental integrity of the Property. See Section 5.0 for details.
Subsurface Anomalies	No	None reported.

According to information provided by EDR in The EDR Radius Map with GeoCheck report, there is one (1) reported public water-supply (PWS) well located within a one-eighth mile radius of the Property, to the southeast and topographically down-gradient of the Property located at 9818 Georgetown Pike. This PWS well is also listed on the Virginia Wells database as plotted between one-eighth and one-quarter mile north-northwest and down-gradient of the Property. In addition, there is one (1) private potable well located between one-half and one mile north of the Property; however, this well is not down-gradient from the Property. It should be noted that water is supplied to the Property by a potable well located at the northeast corner of the Property. Fairfax County Department of Health reports that 36 potable wells are located within a quarter mile of the Property. Public water is available in the area and is supplied by Fairfax Water Authority. Fairfax Water Authority obtains water from the Occoquan Reservoir. The Occoquan Reservoir is located greater than five (5) miles south of the Property. The Potomac River is located two (2) miles east and three (3) miles north of the Property.

**This Phase I ESA has revealed the following evidence of recognized environmental conditions attributable to the Property in accordance with the ASTM Practice E 1527-05:**

- (1) **REC-1** - Three (3) active underground storage tanks including one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs and dispenser island area are currently used at the Property for storage of petroleum fuels for retail sale. The tanks are reported to have been operational since 1989. Considering the long-term use of these USTs at the Property, the potential exists for adverse impact to the Property. Furthermore, a strong gasoline odor was noted throughout the Property.
- (2) **REC-2** – Two (2) hydraulic lifts are currently in use at the Property.

- (3) **REC-3** - According to review of available information, four (4) 1,000-gallon used oil underground storage tanks formerly in use at the Property were removed from the ground (one in 1995; three unknown). One (1) 1,000-gallon heating oil underground storage tank, formerly in use at the Property was removed from the ground in 1995. The former locations and conditions of these USTs could not be identified.

## 1.0 INTRODUCTION

EMG conducted a Phase I Environmental Site Assessment of ExxonMobil Station 2-6140 located at 9901 Georgetown Pike in Great Falls, Virginia (the Property). The Property is a retail petroleum station, and includes a convenience store and an automotive repair facility. A Site Location Map (Figure 1) for the general Property location, a Site Map (Figure 2) showing the current key site features at the Property and a Local Area Map (Figure 3) showing the properties in the vicinity of the Property are provided in Attachment A.

### 1.1 1.1 Objective

EMG completed this Phase I ESA in accordance with the standard practice guidelines established in American Society for Testing and Materials (ASTM) Practice E 1527-05 (see section 1.4 for Limitations and Exceptions). This Phase I ESA was intended to satisfy one of the requirements to qualify for the “innocent landowner defense” of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as cited in the 1986 Superfund Amendments and Reauthorization Act (SARA) legislation, 42 USC 9601(35)(B).

The purpose of the Phase I ESA was to establish an information base for assessing the potential for “recognized environmental conditions” at the Property. This information will be used to evaluate potential environmental liabilities associated with the Property. The term “**recognized environmental conditions**” means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the Property or into the ground, groundwater or surface water of the Property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

ASTM guidance defines “**material threat**” as “a physically observable or obvious threat, which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment.” It is not sufficient to establish a site feature as a “recognized environmental condition” just because it exists. In order to establish a site feature as a “recognized environmental condition”, there “must be compelling evidence that either 1) the hazardous substance or petroleum product was released from its container or operation onto (or into) the surface or 2) by virtue of the condition of the container or state of the operation that stores or handles such products, there is reasonable concern in the foreseeable future that such materials will be released to the surface of the property” (New and Improved Site Assessment Standard, Revisions to the ASTM Phase I Standards Represent Significant Interpretive Changes for Both Users and Environmental Professionals, ASTM Standardization News Insight, March 2001, [[www.astm.org/snews/march-2001/insight-mar01.html](http://www.astm.org/snews/march-2001/insight-mar01.html)], PaEMG 3 and 4).

## 1.2 1.2 Scope of Work

This Phase I ESA included the following components in order for EMG staff to assess the potential for "recognized environmental conditions" at the Property:

- EMG conducted a review of appropriate federal, state, and local environmental regulatory agency databases, public records and client-provided data (if available) pertaining to the Property and the surrounding area, which could be obtained within a reasonable time frame. These data were used in an effort to identify suspect on-site and/or off-site facilities or sites that have a potential risk to adversely impact the Property, and historic land usage and property occupancy information to aid with the identification of recognized environmental conditions in connection with the Property.
- EMG conducted interviews with local government officials from the local health department, fire department, and other appropriate local agencies, if applicable, about known environmental problems on the Property or in the area.
- EMG conducted a site reconnaissance visit of the Property to visually identify potential environmental concerns. The information gathered was used to identify potential environmental concerns that may likely indicate the presence of such items as hazardous or toxic materials, hazardous wastes, petroleum products, under ground and above ground storage tanks, dry wells, septic tanks, PCB-containing equipment, areas of stained or discolored soil, surface water, pavement and/or flooring and areas of stressed or dead vegetation, that could be visually identified on the Property. Inspections of the interiors of any onsite structures were conducted during the reconnaissance visit. A visual assessment of the adjacent properties also was conducted from the adjacent public right-of-ways to detect the presence of off-site environmental concerns that potentially could have an adverse impact on the Property. Color photographs were taken to document the current conditions of the Property and adjoining properties at the time of the site reconnaissance (see Attachment B).

## 1.3 1.3 Significant Assumptions

Some information may not be attainable within the timeframe specified in ASTM E1527-05.

## 1.4 1.4 Limitations and Exceptions

The limitations and exceptions to the scope set forth in ASTM Practice E are described in Section 11.0. In addition, the scope of work does not include non-CERCLA issues such as an assessment for asbestos, lead-based paint, radon, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality and mold, high voltage power lines and other non-scope items. There were no additional limitations or exceptions identified in accordance with the scope set forth in ASTM Practice E 1527.

## 1.5 1.5 Special Terms and Conditions

No investigation can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. **Consequently, this report in no way expresses any warranty or guarantee with respect to recognized environmental conditions at the Property.** However, the standard of care exercised for these professional services was performed in accordance with customary principles and accepted practices in the area of environmental science and engineering and in accordance with the ASTM Practice E1527-05 for conducting Phase I ESAs. In addition, every reasonable effort was made to ensure that the information presented in this report is materially complete and accurate.

The conclusions of this report are based solely upon observations made during this evaluation. EMG's opinions should not be construed as relating to health and safety issues, directly. Should additional information become available, this information should be reviewed by EMG and the conclusions herein modified, as appropriate. In addition, this report should not be construed as verification of compliance by the present owners or operators of the Property with federal, state, or local laws and regulations.

Information provided by Third Parties was used in assessing the Property conditions. The accuracy of the conclusions made from this information is inherently based on the accuracy of the information provided. It must be recognized that the limited scope of services may have precluded recognition of contamination at the Property. The absence of contamination recognition in this report cannot be interpreted as a warranty, expressed or implied, that no contamination exists at the Property, and EMG cannot be held liable for damage if contamination of some type is discovered in the future.

This report should not be considered as a recommendation to purchase, sell, or develop the Property, and the opinions contained herein are not legal opinions. To evaluate the information contained in this report, the reader must understand the limitations associated with this assessment. Specifically, the services included in this project have been performed in accordance with the Scope of Services and the contract negotiated between ExxonMobil and EMG with the limitations and exceptions outlined.

#### 1.6 1.6 User Reliance

This report is provided for the sole use and benefit of the parties listed below and may not be used or relied upon by any other party whatsoever. Reliance on this report by a party other than ExxonMobil shall be at the party's sole risk unless that party has written authorization from EMG to use this document. The purpose of this restriction is to attempt to protect the interest of parties for whom the report may not be appropriately directed.

- ExxonMobil Corporation.
- Groundwater & Environmental Services, Inc.

## 2.0 SITE DESCRIPTION

Sections 2.4 and 2.7 were revised based on the Phase II Environmental Assessment submitted in July 2009, additional data provided by Fairfax County and additional field visits conducted in August 2009 by GES.

### 2.1 2.1 Location and Legal Description

The Property is located at the southwest corner of the intersection of Georgetown Pike and Walker Road in Great Falls, Virginia. The approximate geographical coordinates for the Property are 38 degrees, 59 minutes, 53.2 seconds North (Latitude) by 77 degrees 17 minutes, 18.2 seconds West (Longitude). The Property is comprised of one (1) parcel (Legal Code: 0131 01 0005A) that covers a total area of about 0.63 acre. A Site Location Map (Figure 1) for the general Property location, a Site Map (Figure 2) showing the key site features at the Property and a Local Area Map (Figure 3) showing the area and adjacent properties to the Property are provided in Attachment A.

*Source(s): USGS, Topographic Map, 7.5-Minute Series, Vienna, Virginia, Quadrangle 1994.*

*Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

*Official website of the County of Fairfax, Virginia, Tax Administration, Real Estate, [www.faircounty.gov/dta/](http://www.faircounty.gov/dta/), October 29, 2008*

### 2.2 2.2 Site Vicinity and Characteristics

The Property is zoned for commercial use and is located in an area containing commercial businesses. The Property is accessed via vehicular entrances from both Georgetown Pike (one entrance) and Walker Road (one entrance). The Property is paved with asphalt and concrete pavement with landscaped areas surrounding the perimeter of the Property.

*Source(s): EMG Site reconnaissance observations from October 21, 2008.*

*Official website of the County of Fairfax, Virginia, Tax Administration, Real Estate, [www.faircounty.gov/dta/](http://www.faircounty.gov/dta/), October 29, 2008*

### 2.3 2.3 Current Uses of Property

The Property is utilized as a petroleum filling station and a convenience store that also operates a vehicle service and repair facility. There is one (1) active UST system located at the Property consisting of three (3) USTs, including: one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs. In addition, four (4) ASTs were observed at the Property, including: two (2) 250-gallon waste oil ASTs, one (1) 1,000-gallon propane AST, and one (1) empty, out of use 250-gallon AST. Site reconnaissance photographs of the Property are provided in Attachment B. See Section 4.0 below for historical use.

EMG identified the following apparent recognized environmental condition based on current observations:

- The Property contains an active UST system.

*Source(s): EMG Site reconnaissance observations from October 21, 2008.*

*Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck, ExxonMobil Station # 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

## 2.4 2.4 Description of Structures, Roads and Improvements

At the time of the EMG site reconnaissance on October 21, 2008, the following buildings and improvements were observed on the Property:

- **ExxonMobil Station 2-6140:** The current Mobil station building and vehicle service area were constructed in 1969. The current overhead pump canopy with pump dispensers was constructed in 2001:
- **Number of Stories:** The station building is a one-story structure constructed on a concrete slab.
- **Building Square Footage:** Currently the structures on the Property are used as a station and vehicle repair building (1,798 square feet) and a pump canopy (1,849 square feet).
- **Building Use:** Convenience store, gasoline sales and vehicle repair. A total of four (4) pump islands containing four (4) double-sided pump dispensers are located beneath the pump canopy.
- **Exterior Finishes:** The exterior of the station building and the vehicle repair facility consist of brick and glass.
- **Interior Finishes:** The interior of the station building consists of painted drywall interior walls, floor tiles, and rows of movable shelving and refrigerated holding bins for beverage. The interior of the vehicle repair facility consists of unfinished walls.
- **Sanitary Waste System:** Both the station building and vehicle repair facility are served by a septic field that is located on the rear of the station building.
- **Stormwater Disposal:** There was one (1) stormwater catch basin observed in the paved parking areas located along the west side of the Property. However, due to the nature of the site reconnaissance detailed investigation of the discharge location could not be conducted. See Figure 2 in Attachment A for further details.
- **Water Supply:** Water at this site is supplied by an onsite potable well located at the northeast corner of the station next to the sign.
- **Solid Waste Disposal:** A trash dumpster was observed in the trash enclosure located along the southern Property boundary. The contents of the dumpster are picked up by a contracted waste hauler for off-site disposal.
- **Other Public Utilities:** The station building and vehicle repair facility are serviced by underground electric and underground telephone (station building only) utilities. There is a transformer located adjacent to the west of the Property (See Attachment B), as well as above ground electric across Georgetown Pike and Walker Road.

- **Road/alleys/parking:** The driveway entrances and parking areas are constructed of concrete at the Property. The pump canopy pad and UST pad are also both constructed of concrete. Other onsite pavement and the surrounding public streets are asphalt.
- **Monitoring Wells:** Two (2) groundwater monitoring wells were identified in the gasoline UST area (tank field wells).

*Source(s): EMG Site reconnaissance observations from October 21, 2008.*

*EMG site reconnaissance observations from August 2009.*

*Official website of the County of Fairfax, Virginia, Tax Administration, Real Estate, [www.faircounty.gov/dta/](http://www.faircounty.gov/dta/), November 3, 2008*

*ERI Phase II Environmental Assessment, July 2009.*

## 2.5 2.5 Current Uses of Adjoining Properties

Details concerning the surrounding land use in the vicinity of the Property, as observed by EMG on October 21, 2008, are described below.

**North:** The Property is bordered to the north by Georgetown Pike followed by a multi-tenant commercial building occupied by Great Falls Cleaners, Mediterranean Café, Romantica Deli and Pizza, and 7-Eleven.

**South:** To the south of the Property is an office building.

**East:** To the east of the Property is Walker Road followed by a Shell gas station and vehicle repair facility.

**West:** The Property is bordered to the west by a multi-tenant commercial facility occupied by Paul's Shoe Repair, EMS, Inc., The Superior Cleaners, The Vacuum Center, and Great Falls Eye Care.

The adjacent property uses to the north (Great Falls Cleaners) was identified on the RCRA-CESQG database. The adjacent property to the east (Shell Station 139470) was identified on the LTANKS, LUST and UST databases. More information regarding these sites is included in Section 5.

*Source(s): EMG Site reconnaissance observations from October 21, 2008.*

## 2.6 2.6 General Geologic Setting

The Environmental Data Resources, Inc., (EDR) Radius Map with GeoCheck report provides a summary of the dominant near surface soil type and composition that may be present at the Property or in the general area of the Property (see Attachment C, PaEMG A-4 and A-5 for details). This information was obtained by EDR from the U.S. Department of Agriculture's Soil Conservation Service. The dominant soil type is loam, underlain with clay loam.

The bedrock stratigraphic unit that underlies the unconsolidated soils at the Property was identified as a portion of the Cambrian System of the Paleozoic Era (see Attachment C, Page A-4). The series is the Cambrian.

*Source(s): Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

## 2.7 2.7 General Hydrogeologic Setting

The EDR Radius Map with GeoCheck report indicated that EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR reportedly has reviewed investigative reports submitted to regulatory authorities by environmental professionals at select sites within a one-mile search radius of the Property. The data obtained by EDR from these investigative reports included the date of the report, the groundwater flow direction as determined hydrogeologically, and the depth to water table.

According to information provided by EDR in The EDR Radius Map with GeoCheck report, there is one (1) reported public water-supply (PWS) well located within a one-eighth mile radius of the Property, to the southeast and topographically downgradient of the Property. This PWS well is also listed on the Virginia Wells database as plotted between one-eighth and one-quarter mile north-northwest and downgradient of the Property. In addition, there is one (1) private potable well located between one-half and one mile north of the Property; however, this well is not downgradient from the Property. It should be noted that water is supplied to the Property by an on-site potable well located in the northeastern corner of the Property. Fairfax County Health Department also provided GES with a list of 36 potable wells located within one quarter mile of the site. EDR did not report a site-specific groundwater flow direction or depth to groundwater for the Property (see Attachment C, Page A-3 for details).

Based on the review of the USGS topographical map, the regional groundwater flow direction in the vicinity of the Property appears to be to the east. The local groundwater flow direction at the Property is not known. Local groundwater flow can be influenced by local drainage features, seasonal groundwater level fluctuations, subsurface geology, active pumping of area water-supply wells, if present, surface topography and/or other local site features. Site-specific data obtained from permanent groundwater-monitoring wells placed at the Property would be needed to determine the local groundwater flow direction at the Property, if such a determination were required.

*Source(s): Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

*USGS, Topographic Map, 7.5-Minute Series, Vienna, Virginia, 1994 Quadrangle*

## 2.8 2.8 Flood Plain Setting

A flood plain is the area adjoining a river, stream, drain, or lake that is utilized to convey floodwaters during high water events. The flood plain primarily is divided into two categories: (1) the 100-year flood zone and, (2) the 500-year flood zone. The 100-year flood zone is defined as having a one percent or higher chance of floodwaters reaching that level of floodwater conveyance.

Many cities participate in the National Flood Insurance Program and usually have Flood Insurance Rate Maps developed by the Federal Emergency Management Association (FEMA) or an equivalent map. The FEMA maps typically have designated three primary zones of flooding potential. These zones are identified as A, B, and C.

An area identified as a "Zone A" is located in the 100-year flood zone, a "Zone B" area is located in the 500-year flood zone, a "Zone C" is located in an area of minimal flooding potential, and a "Zone X" is located in an area determined to be outside the 500-year flood zone.

Based on the review of the EDR Overview Map and the EDR Detail Map, the Property appears to be located outside the limits of the 100-year and 500-year flood zones (see Attachment C, PaEMG 2 and 3 for details).

*Source(s): Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

### **3.0 USER PROVIDED INFORMATION**

User provided information was not made available for preview within the scope of this Phase I ESA.

#### **2.9 3.1 Title Records**

No title records were made available for preview within the scope of this Phase I ESA.

#### **2.10 3.2 Environmental Liens or Activity and Use Limitations**

No environmental liens or activity and use limitations were made available for preview within the scope of this Phase I ESA.

#### **2.11 3.3 Owner, Property Manager and Occupant Information**

Upon request of ExxonMobil, EMG attempted to conduct interviews with onsite personnel on October 21, 2008. During the site visit, there was no Key Site Manager or person knowledgeable about the Property that would agree to an interview. Therefore, no onsite personnel were interviewed as part of this assessment. The lack of or inability to obtain this information represents a data gap. However, based on the findings of this report, the absence of this information is not considered a significant data gap.

EMG submitted a Key Site Manager Questionnaire via fax to Mr. Hadi Limouee on November 3, 2008. Multiple attempts have been made to contact Mr. Limouee to complete the Questionnaire. At the time this report was prepared a response had not been received. Should any environmentally significant information, not yet identified by other sources, be received an addendum will be forwarded to the client.

## 4.0 SITE HISTORICAL INFORMATION

EMG reviewed appropriate historical sources and documentation in order to identify obvious uses of the Property from the present back to the Property's obvious first developed use or back to 1940, whichever is earlier. The historical services consulted included, but were not limited to, aerial photographs, Sanborn fire insurance maps, historical USGS topographic maps, city directories, and local government records, where available. EMG's evaluation is summarized in the following subsections.

### 2.12 4.1 Historical Aerial Photographs

Aerial photographs are a historical resource that can provide a chronological "snapshot" of past land use and development and where potential environmental concerns may exist at a particular site or area. EMG contacted EDR in September 2008, and requested a historical aerial photograph search for the Property and surrounding properties.

On September 15, 2008, EDR certified that aerial photography coverage was available for the Property and surrounding properties. Please refer to Table 4.1 below for a summary of the aerial photography reviewed by EMG, and Attachment D for copies of the historical aerial photography made available by EDR in The EDR Aerial Photo Decade Package report.

**Table 4.1**  
**Historical Aerial Photography Observations**

YEAR	SCALE	OBSERVATIONS
1937	1 inch = 500 feet (Approx.)	There is a structure in the northeast corner of the Property. The remainder of the Property appears to be farmland. There are roads to the north and east of the Property. To the north of the Property, across a road, appear to be residential dwellings and farmland. To the east of the Property, across a road is a small structure and farmland. The areas to the south and west of the Property consist of farmland.
1954	1 inch = 500 feet (Approx.)	The Property appears to be farmland. To the north of the Property is a road followed by residential dwellings and farmland. To the east of the Property is a road followed by farmland. The areas to the south and west of the Property consist of farmland, with a structure to the south.
1962	1 inch = 500 feet (Approx.)	The Property appears to be farmland. To the north of the Property is a road followed by residential dwellings and farmland. To the east of the Property is a road followed by farmland. To the south of the Property is an apparent commercial structure and farmland. To the west of the Property is farmland.
1970	1 inch = 500 feet (Approx.)	The Property appears to be developed with a gasoline filling station, including the current station and vehicle repair building. To the north of the Property is a road followed by commercial development. To the east of the Property is a road followed by an apparent gasoline filling station. To the south of the Property is commercial development. The area to the west of the Property remains undeveloped and appears to be utilized as farmland.

**Table 4.1  
Historical Aerial Photography Observations**

YEAR	SCALE	OBSERVATIONS
1980	1 inch = 750 feet (Approx.)	The Property appears to be developed with a gasoline filling station, including the current station and vehicle repair building. To the north of the Property is a road followed by commercial development. To the east of the Property is a road followed by an apparent gasoline filling station. To the south of the Property is commercial development. The area to the west of the Property is under commercial development.
1988	1 inch = 750 feet (Approx.)	The Property and surrounding areas appear to be developed similar to conditions observed during the site visit, with the exception of the on site canopy structure, which has yet to be constructed.
2005	1 inch = 484 feet (Approx.)	The Property and surrounding areas appear to be developed similar to conditions observed during the site visit.

It appears that the Property has been developed with a gasoline station since at least 1970. In addition, it appears that the eastern adjacent property has been developed as gasoline station since at least 1970. Refer to Section 5 for additional information.

*Source(s): EDR, Inc., Aerial Photograph Decade Package, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

**2.13 4.2 Sanborn Fire Insurance Maps**

Fire insurance maps identify the locations and types of industrial, commercial and residential properties and identify potential fire hazards existing within individual structures. Many times, areas of potential environmental concern, such as the location of former aboveground storage tanks (ASTs), USTs, or other areas of hazardous substance storage, can be identified by referencing the fire insurance maps. EMG contacted EDR in September 2008, and requested a Sanborn fire insurance map search for the Property and surrounding properties.

On September 12, EDR certified that a map search was conducted and no Sanborn fire insurance maps were available for the Property or surrounding properties. Please refer to Table 4.2 below and the EDR Sanborn Map Report provided in Attachment D that indicates no map coverage was found based on the map collections made available to EDR. The lack of available Sanborn fire insurance maps from EDR is considered data failure, but is not considered a material limitation to the completion of this Phase I ESA report (see Section 11.0).

**Table 4.2  
Sanborn Fire Insurance Map Observations**

YEAR	SCALE	OBSERVATIONS
Not Applicable	Not Applicable	No Sanborn map coverage. See Attachment D for details.

*Source(s): EDR Sanborn Map Report, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 12, 2008.*

## 2.14 4.3 Historical USGS Topographic Maps

USGS topographic maps are produced and published by the Department of the Interior at various scales for the entire United States. USGS topographic maps depict the topography of the Earth's surface that is portrayed by contour lines which follow the land surface or the bottom of a body of water of constant elevation above or below sea level. USGS topographic maps also can include key map features such as buildings and other structural improvements, roadways, railroads, transmission lines, pipelines, state and federal landmarks or points of interest, vegetation, bodies of water and local, state and federal boundaries. EMG contacted EDR in September of 2008, and requested an USGS topographic map search for the Property and surrounding properties.

On September 15, 2008, EDR certified that USGS topographic map coverage was available for the Property and surrounding properties. Please refer to Table 4.3 on next page for a summary of the USGS topographic maps reviewed by EMG, and Attachment D for copies of the historic USGS topographic maps made available by EDR in their EDR Historical Topographic Map Report.

**Table 4.3  
Historical USGS Topographic Map Observations**

YEAR	SCALE	OBSERVATIONS
1894	1 inch = 2 miles (approx.)	The 1894 USGS topographic map shows roads to the north and east of the Property. The map scale provides little detail; though there appears to be no development on the Property.
1915	1 inch = 1 mile (approx.)	The 1915 USGS topographic map shows roads to the north and east of the Property. The map scale provides little detail; though there appears to be no development on the Property. Also, there appears to be development to the north and east of the Property.
1944	1 inch = 0.8 mile (approx.)	The 1944 USGS topographic map shows Georgetown Pike to the north of the Property and Walker Road to the east. There appears to be no development on the Property; however, there appears to be development to the north and east of the Property.
1947	1 inch = 0.8 mile (approx.)	The 1947 USGS topographic map shows no change to the area from the 1944 map.
1951	1 inch = 2,000 feet	The 1951 USGS topographic map shows no change to the area from the 1947 map.
1957	1 inch = 2,000 feet	The 1957 USGS topographic map shows Georgetown Pike to the north of the Property and Walker Road to the east. There appears to be no development on the Property; however, there appears to be development to the north, east, south, and west of the Property.
1966	1 inch = 2,000 feet	The 1966 USGS topographic map shows no change to the area from the 1957 map.
1971 Revised from 1966	1 inch = 2,000 feet	The 1971 USGS topographic map shows Georgetown Pike to the north of the Property and Walker Road to the east. There appears to be a building on the southwest portion of the Property. In addition, there appears to be development to the north, east, south, and west of the Property.

**Table 4.3  
Historical USGS Topographic Map Observations**

YEAR	SCALE	OBSERVATIONS
1973	1 inch = 2,000 feet	The 1973 USGS topographic map shows Georgetown Pike to the north of the Property and Walker Road to the east. There appears to be a building on the southwest portion of the Property. In addition, there appears to be development to the north, east, and south of the Property; however, the area to the west of the Property appears to be undeveloped.
1977	1 inch = 0.8 mile (approx.)	The 1977 USGS topographic map shows no chanEMG to the area from the 1973 map.
1980	1 inch = 2,000 feet	The 1980 USGS topographic map shows no chanEMG to the area from the 1977 map.
1994	1 inch = 2,000 feet	The 1994 USGS topographic map shows little change from the 1980 map; the most notable change is that the area to the north is shaded, to represent high-density development.

EMG identified no apparent recognized environmental conditions from the review of the historical topographic maps.

*Source(s): Environmental Data Resources, Inc., EDR Historical Topographic Map Report, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

**2.15 4.4 City Directories**

City directories list the resident's name, street address, and sometimes even the resident's occupation for a given year. They also frequently contain similar information about commercial and business establishments, thus providing specific names and addresses of commercial or business establishments over time. City directories allow a researcher to build a history of a property and surrounding area over time, and may give an indication if an area has been occupied by an occupant that may have caused potential environmental problems at or near the Property. EMG contacted EDR in September 2008, and requested a city directory search for the Property and surrounding properties.

On September 12, 2008, EDR certified that city directory coverage was available for the Property and surrounding properties. Please refer to Table 4.4 and Table 4.5 below for a summary of the city directory abstract findings and Attachment D for a copy of The EDR-City Directory Abstract.

**Table 4.4  
City Directory Abstract Summary for Subject Property**

OCCUPANT	YEAR(S)
Street address not listed in research source.	1957, 1961, 1963, 1964, 1966, 1967, 1969, 1971, 1977, 1984, 1989, 1993, 1994, and 2003

**Table 4.5**  
**City Directory Abstract Summary for Surrounding Properties <sup>(1)</sup>**

OCCUPANT	YEAR(S)	STREET ADDRESS	LOCATION WITH RESPECT TO PROPERTY
Street addresses not listed in research source	1957-2003		Adjacent off-site properties.

**Notes to Table 4.5:**

(1) An off-site property identification search was conducted by EDR in order to determine past adjacent sites or facilities located north, south, east and west of the Property. The occupant of an off-site property identified in **bold** represents a non-residential listing (e.g. commercial, business, and industrial).

*Source(s): Environmental Data Resources, Inc., The EDR-City Directory Abstract, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated March 5, 2005.*

*EMG Site reconnaissance observations from October 21, 2008.*

2.16 **4.5 City or County Property Tax and Building and Zoning Records**

EMG reviewed and obtained public information from the Fairfax County Department of Tax Administration's Real Estate Assessment Information website. According to this information, Exxon Corporation purchased the Property in 1973 and the current improvements were constructed in 1969.

EMG reviewed and obtained public information from the Fairfax County Permits and Inspections FIDO website. Records are maintained on this website back to January 1, 1985. The following environmentally significant information was identified:

- Permit #011738278 was a multiple work permit issued for alterations to the existing building and an addition to the rear of the service station.
- Permit #950068017 was issued for the installation of island dispensers/piping and "EPA upgrade and site rebuild.

EMG reviewed available zoning records from the Fairfax Department of Information Technology GIS website. According to the zoning map revised on August 18, 2008, the Property is currently zoned General Commercial. Records are maintained by this website back to 2002 and no zoning change was noted.

EMG reviewed file information maintained by the Virginia Department of Environmental Quality. See Section 5.4 for details.

*Source(s): Official website of the County of Fairfax, Virginia, Tax Administration, Real Estate, www.fairfaxcounty.gov/dta, November 3, 2008.*

*Official website of the County of Fairfax, Virginia, Inspections Database, FIDO website, www.fairfaxcounty.gov/living/buildingpermits, November 3, 2008.*

*Official website of the County of Fairfax, Virginia, GIS, www.fairfaxcounty.gov/maps, November 3, 2008.*

## 5.0 ENVIRONMENTAL RECORDS REVIEW

EMG conducted a review of the appropriate federal and state environmental records in accordance with the ASTM Practice E 1527-05 in order to identify sites or facilities of known or suspected environmental conditions, which could have an adverse impact on the Property. These data were obtained from a contracted data research firm, EDR, and are assumed to be complete and accurate. The EDR environmental data are summarized in The EDR Radius Map with GeoCheck report (the EDR report) provided in Attachment C.

In addition, EMG conducted a review of supplemental federal, state and local environmental records to enhance and supplement the federal and state sources required within the ASTM Practice E 1527-05. The supplemental environmental data included information obtained from federal and state databases searched by EDR and summarized in the EDR report; county or local environmental records obtained from the county health or environmental department; state environmental records obtained from the State Department of Environmental Quality; and site-specific data records (if available) obtained from ExxonMobil.

For the purpose of assigning potential risk for confirmed or suspect off-site contaminated sources (identified in Sections 5.1 and 5.2 below), EMG considers the relative location of the off-site facilities with respect to the Property and with respect to the expected local or regional groundwater flow directions. The regional groundwater flow direction in the vicinity of the Property is estimated to be in an easterly direction. The local groundwater flow direction at the Property appears to be to the south. Local flow may vary from the regional flow direction and possibly could be influenced by local drainage features, seasonal groundwater level fluctuations, subsurface geology, active pumping of area water-supply wells, if present, surface topography and/or other local site features (see Section 2.7 for additional details). EMG would consider off-site facilities or sites that reportedly have had an adverse impact to the environment and are located upgradient, downgradient or crossgradient with respect to the location of the Property as a potential environmental concern to the Property. Off-site facilities or sites that reportedly have not had an adverse impact to the environment and are located downgradient, crossgradient or upgradient of the Property would not be considered an environmental concern to the Property.

### 2.17 5.1 Standard Federal and State Environmental Record Sources

The standard (or required) federal and state environmental record sources and the approximate minimum search distances are as follows:

**Table 5.1  
Standard Federal and State Environmental Record Sources**

STANDARD FEDERAL DATABASE SOURCES		
RECORD SOURCE	DATE OF ACTIVE LIST <sup>(1)</sup>	APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)
NPL LIST	July 28, 2008	1.00
NPL PROPOSED LIST	August 27, 2008	1.00
CERCLIS LIST (Active Sites)	July 22, 2008	0.50
CERC-NFRAP LIST (Closed Sites)	June 17, 2008	0.50
INDIAN RESERVATION LIST	August 8, 2008	1.00
RCRA CORRACTS LIST	September 2, 2008	1.00
RCRA TSD LIST	August 21, 2008	0.50
RCRA LQG LIST	August 21, 2008	0.25
RCRA SQG LIST	August 21, 2008	0.25
RCRA CESQG LIST	August 21, 2008	0.25

**Table 5.1  
Standard Federal and State Environmental Record Sources**

<b>STANDARD FEDERAL DATABASE SOURCES</b>		
<b>RECORD SOURCE</b>	<b>DATE OF ACTIVE LIST <sup>(1)</sup></b>	<b>APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)</b>
ERNS LIST	July 25, 2008	SUBJECT PROPERTY ONLY
<b>BROWNFIELDS DATABASE SOURCES</b>		
<b>RECORD SOURCE</b>	<b>DATE OF ACTIVE LIST <sup>(1)</sup></b>	<b>APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)</b>
STATE BROWNFIELDS LIST	September 3, 2008	0.50
U.S. BROWNFIELDS LIST	July 25, 2008	0.50
U.S. INSTITUTIONAL CONTROL LIST	June 30, 2008	0.50
U.S. ENG CONTROL LIST	June 30, 2008	0.50
<b>STANDARD STATE DATABASE SOURCES</b>		
<b>RECORD SOURCE</b>	<b>DATE OF ACTIVE LIST <sup>(1)</sup></b>	<b>APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)</b>
Department SWF/LF LIST	June 30, 2008	0.50
Department LTANKS LIST	June 25, 2008	0.50
Department UST LIST	June 25, 2008	0.25
Department LUST LIST	June 23, 2008	0.50
Department SPILLS LISTS	September 25, 2008	SUBJECT PROPERTY ONLY
Department VRP LIST	August 13, 2008	0.50
Department CEDS LIST	June 30, 2008	SUBJECT PROPERTY ONLY
Department AIRS LIST	June 23, 2008	SUBJECT PROPERTY ONLY

**Notes to Table 5.1:**

(1) The "Date of Active List" refers to the date the data referenced in the applicable federal or state database was made active and available by EDR. See the EDR report in Attachment C for further details.

- AST** = Aboveground Storage Tank.
- CEDS** = Comprehensive Environmental Data System
- CERCLA** = Comprehensive Environmental Response, Compensation, and Liability Act.
- CERCLIS** = Comprehensive Environmental Response, Compensation and Liability Information System.
- CORRACTS** = Resource Conservation and Recovery Information System – Corrective Action-sites.
- DRYCLEAN** = List of Drycleaners
- ERNS** = Emergency Response Notification System.
- LAST** = Leaking Aboveground Storage Tank.
- LQG** = Large Quantity Generator (RCRA).
- LTANKS** = Leaking Storage Tank Sites (Can be AST or UST sites).
- LUST** = Leaking Underground Storage Tank.
- MOSF** = Major Oil Storage Facilities.

- NFRAP** = No Further Remedial Action Planned.  
**NPL** = National Priority List.  
**RCRA** = Resource Conservation and Recovery Act.  
**RCRIS** = Resource Conservation and Recovery Information System.  
**SQG** = Small Quantity Generator (RCRA).  
**SWF/LF** = Permitted Solid Waste Facilities / Landfills.  
**TSDF** = Treatment, Storage and Disposal Facilities (RCRA).  
**U.S. EPA** = United States Environmental Protection Agency.  
**UST** = Underground Storage Tank  
**VRP** = Voluntary Remediation Program.  
**Department** = State Department of Environmental Quality

See the EDR Report provided in Attachment C for complete descriptions.

**Table 5.2**  
**Sites Identified from Standard**  
**Federal and State Environmental Record Sources**

FACILITY OR SITE NAME	FACILITY OR SITE ADDRESS	PROXIMITY TO PROPERTY	DATABASE SOURCE(S)	COMMENTS
Exxon Co. USA #26140 / Exxon #26140 / Great Falls Exxon / Exxon Company USA Number 25301	9901 Georgetown Pike	This facility is identified as the Property.	UST, LUST, LTanks, SPILLS, RCRA-SQG, and RCRA-CESQG	(a)
Great Falls Shopping Center	Georgetown Pike / Walker Road (9847 Georgetown Pike)	Approximately 452 feet ESE	LUST, LTANKS, and SPILLS	(b)
Cannon Seafood of VA, Inc, Dale Lumber, and Bell Atlantic	Various Addresses	124 feet - 828 feet (Various Directions)	UST	(c)
Great Falls Cleaners and White Star Cleaners Inc.	9900 and 9847 Georgetown Pike	Adjacent north and 457 Feet ESE	RCRA-CESQG and RCRA-NonGen,	(d)
Great Falls Shell 139470 / Shell 139470 / Shell Station	9829 Georgetown Pike	Adjacent east	LUST, LTANKS, and UST	(e)
Great Falls Community Library	9818 Georgetown Pike	711 feet ESE	LUST and LTANKS	(f)
Great Falls Auto Service Center	719 Walker Road	839 feet NW	LUST, LTANKS, UST, and RCRA-CESQ	(g)
Sam Bryant	10010 Georgetown Pike	975 feet W	LUST, LTANKS, and SPILLS	(h)

FACILITY OR SITE NAME	FACILITY OR SITE ADDRESS	PROXIMITY TO PROPERTY	DATABASE SOURCE(S)	COMMENTS
Great Falls Center	Highway 193 and Walker Road	N/A (Orphan Summary)	CERC-NFRAP	(i)

**Notes to Table 5.2:**

This facility (i.e. ExxonMobil station # 2-6140) was identified as the Property located at 9901 Georgetown Pike. Information in the RCRA-CESQG and RCRA-SQG databases indicate that the Property is registered as a conditionally exempt small quantity generator and a small quantity generator of hazardous wastes with no violations listed. Information in the UST database indicates the site has a Facility Identification Number (FI#) of 3009810 and currently maintains one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs that were installed in 1989. In addition, three (3) 1,000-gallon waste oil USTs are registered as “closed in ground” and two (2) 8,000-gallon gasoline USTs, one (1) 4,000-gallon gasoline UST, and one (1) 1,000-gallon waste oil UST are registered as “removed from the ground”. Information provided by the VDEQ indicates that a 1,000-gallon waste oil UST and a 1,000-gallon fuel oil UST were removed from the Property in 1995 with no residual signs of contamination.

EMG identified the following apparent recognized environmental conditions based on review of the regulatory database report:

- The Property currently utilizes an active UST system.
- The Property formerly contained waste oil USTs.

Information in the SPILLS database indicates that on September 29, 1999 a black slick patch was observed between the gas station and a storm ditch. Closure was granted on October 20, 1999. Information in the LTANKS and LUST databases indicates that a release was reported at the Property on May 13, 1994, for which Pollution Complaint Number (PC#) 94-3879 was assigned. The case is listed with a status of “closed” since August 18, 2004 (See Attachment C for details). Additional information pertaining to the release and the removal of the waste oil and fuel oil USTs is included in Section 5.4.

This facility (i.e. Great Falls Shopping Center) was identified on the LUST, LTANKS, and SPILLS databases. Information in the SPILLS database indicates that on November 19, 2003 a storm pipe discharge near the highway caused flooding and unsafe road conditions. There are two LUST Incidents associated with this facility. Information in the LUST and LTANKS databases indicates that the first Incident (PC #94-1569) was reported on May 25, 1994 and has been granted closure. The second Incident (PC #98-3642) was associated with a release from a 550-gallon heating oil UST that was reported on December 17, 1998. The Incident was granted closure on January 21, 1999. This facility is located downgradient of the presumed groundwater flow direction in the vicinity of the Property. In addition, the regulatory agency awards a no further action status only when contamination, if any, has been investigated and/or remediated in accordance with currently accepted regulatory standards. Based upon the distance from the Property, topographic relations, and the no further action status, this site is not anticipated to have adversely impacted the environmental integrity of the Property is not considered a potential environmental

concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

The UST database is a listing of facilities that are required to register their USTs for tracking purposes and are not necessarily sites with reported contamination incidents. Furthermore, these UST sites are not identified on any database which reports spills or releases, such as the LUST database. Considering the distances, absence of reported releases and current regulatory status, these sites are not anticipated to have adversely impacted the environmental integrity of the Property and are not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

The RCRIS-Generator database is a listing of facilities that, due to the amount of hazardous waste generated, are required to register with the USEPA for tracking purposes and are not necessarily sites with reported contamination incidents. These sites are not reported as being non-compliant with the requirements of the RCRA regulations. Furthermore, these sites are not identified on any database which reports spills or releases. Considering the current regulatory status and the absence of reported releases, these sites are not anticipated to have adversely impacted the environmental integrity of the Property and they are not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

This facility (i.e. Shell Station 139470) was identified on the LTANKS, LUST, and UST databases. Information in the UST database indicates that three (3) 12,000-gallon gasoline USTs and one (1) 1,000-gallon waste oil UST are currently in use at this facility. In addition, two (2) 8,000-gallon gasoline USTs, one (1) 6,000-gallon gasoline UST, and one (1) 550-gallon waste oil UST are registered as removed from the ground. Information in the LUST and LTANKS databases indicates that a release (Pollution Complaint #90-1792) was reported on June 19, 1990. Closure for this Incident was granted on July 9, 1995.

In addition, a second LTANKS Incident (Pollution Complaint #20033230) was reported on April 15, 2005 and has since been granted closure. This facility is located downgradient of the presumed groundwater flow direction in the vicinity of the Property. In addition, the regulatory agency awards a no further action status only when contamination, if any, has been investigated and/or remediated in accordance with currently accepted regulatory standards. Based upon the topographic relations and the no further action status, this site is not anticipated to have adversely impacted the environmental integrity of the Property and is not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

This facility (i.e. Great Falls Community Library) was identified on the LTANKS and LUST databases for a release on October 20, 1993. The Incident was granted closure on January 25, 1995. This facility is located downgradient of the presumed groundwater flow direction in the vicinity of the Property. In addition, the regulatory agency awards a no further action status only when contamination, if any, has been investigated and/or remediated in accordance with currently accepted regulatory standards. Based upon the distance from the Property, topographic relations, and the no further action status, this site is not anticipated to have adversely impacted the environmental integrity of the Property and is not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

This facility (i.e. Great Falls Auto Service Center) was identified on the LTANKS, LUST, UST, SPILLS, and RCRA-CESQG databases. The RCRIS-Generator database is a listing of facilities that, due to the amount of hazardous waste generated, are required to register with the USEPA for tracking purposes. This site is not reported as being non-compliant with the requirements of the RCRA regulations. Information in the UST database indicates that the following USTs are registered as “removed from the ground”: three (3) 4,000-gallon gasoline USTs, two (2) 4,000-gallon diesel USTs, one (1) 4,000-gallon kerosene UST, and one (1) 500-gallon waste oil UST. Information in the LTANKS and LUST databases indicates that Incidents reported in 1990 and 2004 have both been granted closure. Based on the distance from the Property and the no further action status, this site is not anticipated to have adversely impacted the environmental integrity of the Property and is not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

This facility (i.e. Sam Bryant) was identified on the LTANKS, LUST, and SPILLS databases for a release of heating oil from an AST that was reported on July 14, 1988. The Incident has since been granted closure. Based on the distance from the Property and the no further action status, this site is not anticipated to have adversely impacted the environmental integrity of the Property and is not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

The identification of a site on the NFRAP database indicates that the regulatory agency with oversight required no further action (i.e., a case-closed status) or referred the case to a local or state agency. The regulatory agency awards a case-closed status when contamination, if any, has been investigated and/or remediated in accordance with currently accepted regulatory standards. Furthermore, this site was not identified on any state or local databases which report spills, releases, or contamination incidents. Based on various factors such as distance, topographic relations, estimated groundwater flow, and/or regulatory status, this NFRAP site is not anticipated to have adversely impacted the environmental integrity of the Property and is not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

The additional cases listed in the regulatory database report within one mile of the Property are plotted more than 1,000 feet from the Property. Based on such factors as distance, topographic relations, current regulatory status, and/or estimated groundwater flow, these facilities are also not anticipated to have adversely impacted the environmental integrity of the Property.

*Source(s): Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck report, ExxonMobil Station # 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

## 2.18 5.2 Supplemental Federal, State and Local Environmental Record Sources

Supplemental environmental records may be checked at the discretion of the environmental professional to enhance and supplement the federal and state sources identified above in Section 5.1. The review of other federal, state or local environmental records are consistent with the standard practice guidelines established in the ASTM Practice E 1527-05.

The following supplemental sources were reviewed:

**Table 5.3  
Supplemental Federal, State and Local Environmental Record Sources**

<b>SUPPLEMENTAL FEDERAL DATABASE SOURCES</b>		
<b>RECORD SOURCE</b>	<b>DATE OF LIST <sup>(1)</sup></b>	<b>APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)</b>
CONSENT LIST	July 21, 2008	1.00
DELISTED NPL LIST	July 28, 2008	1.00
DOD LIST	August 8, 2008	1.00
FINDS LIST	September 29, 2008	SUBJECT PROPERTY ONLY
FTTS LIST	September 15, 2008	SUBJECT PROPERTY ONLY
FUDS LIST	September 5, 2008	1.00
HMIRS LIST	July 15, 200	SUBJECT PROPERTY ONLY
MINES LIST	September 23, 2008	0.25
MLTS LIST	September 29, 2008	SUBJECT PROPERTY ONLY
NPL LIENS LIST	August 18, 2008	SUBJECT PROPERTY ONLY
ODI LIST	June 9, 2004	0.50
PADS LIST	September 18, 2008	SUBJECT PROPERTY ONLY
RAATS LIST	June 2, 2008	SUBJECT PROPERTY ONLY
ROD LIST	September 29, 2008	1.00
SSTS LIST	July 14, 2008	SUBJECT PROPERTY ONLY
TSCA LIST	August 11, 2008	SUBJECT PROPERTY ONLY
TRIS LIST	September 19, 2008	SUBJECT PROPERTY ONLY
UMTRA LIST	September 15, 2008	0.50
<b>SUPPLEMENTAL STATE DATABASE SOURCES</b>		
<b>RECORD SOURCE</b>	<b>DATE OF ACTIVE LIST <sup>(1)</sup></b>	<b>APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)</b>
AIRS LIST	September 22, 2008	SUBJECT PROPERTY ONLY
AST LIST	September 23, 2008	SUBJECT PROPERTY ONLY
DRYCLEANERS LIST	September 22, 2008	0.25
<b>LOCAL/OTHER DATABASE SOURCES</b>		
<b>RECORD SOURCE</b>	<b>DATE OF ACTIVE LIST <sup>(1)</sup></b>	<b>APPROXIMATE MINIMUM SEARCH DISTANCE (MILES)</b>
COAL GAS	N/A	1.00
EDR HISTORICAL AUTO STATIONS	N/A	0.25

**Notes to Table 5.3:**

(1) The "Date of Active List" refers to the date the data referenced in the applicable federal or state database was made active and available by EDR. See the EDR report in Attachment C for further details.

<b>AIRS</b>	= Air emissions.
<b>AST</b>	= Aboveground Storage Tank.
<b>CBS</b>	= Chemical Bulk Storage Tank.
<b>CERCLA</b>	= Comprehensive Environmental Response, Compensation, and Liability Act.
<b>COAL GAS</b>	= Former Manufactured Gas (Coal Gas) Sites.
<b>CONSENT</b>	= Superfund (CERCLA) Consent Decrees.
<b>DOD</b>	= Department of Defense Sites.
<b>DOT</b>	= Department of Transportation.
<b>FIFRA</b>	= Federal Insecticide, Fungicide and Rodenticide Act.
<b>FINDS</b>	Facility Index System/Facility Identification Initiative Program Summary = Report.
<b>FTTS</b>	= FIFRA/TSCA Tracking System.
<b>FUDS</b>	= Formerly Used Defense Sites.
<b>HMIRS</b>	Hazardous Materials Information Reporting System for Spills Reported to the = DOT.
<b>MINES</b>	= Mines Master Index File for Active Mine Sites.
<b>MLTS</b>	Material Licensing Tracking System for Sites that Possess/Use Radioactive = Material.
<b>MOSF</b>	= Major Oil Storage Facilities.
<b>NPL</b>	= National Priority List.
<b>ODI</b>	= Open Dump Inventory.
<b>PADS</b>	PCB Activity Database System for tracking PCB generators and TSD = facilities.
<b>PCB</b>	= Polychlorinated biphenyls.
<b>RAATS</b>	= RCRA Administrative Action Tracking System.
<b>RCRA</b>	= Resource Conservation and Recovery Act.
<b>ROD</b>	= Records of Decision.
<b>SHWS</b>	= Inactive Hazardous Waste Disposal Sites
<b>SPDES</b>	= State Pollution Discharge Elimination System.
<b>SSTS</b>	Section 7 (of FIFRA) Tracking Systems for Registered Pesticide-Producing = Facilities.
<b>TSCA</b>	= Toxic Substance Control Act.
<b>TRIS</b>	= Toxic Chemical Release Inventory System.
<b>UMTRA</b>	= Uranium Mill Tailings Sites.
<b>VCP</b>	= Voluntary Cleanup Agreement Sites.

See the EDR Report provided in Attachment C for complete descriptions.

**Table 5.4**  
**Sites Identified from Standard**  
**Federal and State Environmental Record Sources**

FACILITY OR SITE NAME	FACILITY OR SITE ADDRESS	PROXIMITY TO PROPERTY	DATABASE SOURCE(S)	COMMENTS
Exxon Co. USA #26140, Great Falls Cleaners, Great Falls Center Cleaners, White Star Cleaners Inc, Great Falls Auto Service, Great Falls Elementary School	Various	Property - 1,377 feet (various directions)	FINDS	(a)
Great Falls Cleaners	9900 Georgetown Pike	Adjacent north	Drycleaners	(b)

**Notes to Table 5.4:**

- a) The FINDS database is merely a cross referencing database. Additional information regarding the operations at these facilities is discussed after Table 5.2.
- b) This facility (i.e. Great Falls Cleaners) was identified on the Drycleaners database. The Drycleaners database indicates that this facility is an operating drycleaners. This facility is located downgradient of the presumed groundwater flow direction in the vicinity of the Property. In addition, no releases have been reported. Based upon the lack of reported releases, the site is not considered a potential environmental concern to the Property (see Section 5.0 above for potential risk details.) See Appendix C for details.

*Source(s): Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck report, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

**2.19 5.3 County Health or State Environmental Department File Review**

EMG completed a site visit to the Fairfax County Department of Health, Division of Environmental Health, on October 21, 2008. The purpose of this request was to obtain potential environmental data, if available, concerning environmental concerns, if present, that may be associated with the Property that was reported to the Department. According to Ms. Colette Diggs, Administrative Assistant III, there are no environmental concerns at the Property.

*Source(s): Oral communications obtained on October 21, 2008, from Ms. Colette Diggs, Department of Environmental Health, 10777 Main Street in Fairfax, Virginia 22030.*

## 2.20 5.4 Department Environmental File Review

A request to review public records under the FOIA was submitted by EMG to the Virginia Department of Environmental Quality (Department) on October 5, 2008. The purpose of this FOIA request was to obtain potential environmental data, if available, concerning environmental concerns, if present, that may be associated with the Property that was reported to the Department. The Department responded to the FOIA request and indicated that records were available for review at the Department's Northern Regional Office in Woodbridge, Virginia. EMG reviewed the records available on October 20-22, 2008. The results and findings of the Department FOIA request included:

- Tank Excavation Assessment prepared by IMS Environmental and dated March 1, 1995. This report documented environmental investigation activities during the removal of one 1,000 gallon fuel oil UST and one 1,000 gallon used oil UST on January 1, 1995. Two 10,000 gallon gasoline USTs and one 12,000 gallon gasoline UST remained in place at the Property. All tanks were constructed of double-walled fiberglass and were installed in 1989. Two soil samples were collected from each excavation for laboratory analyses for benzene, toluene, ethyl benzene and xylenes (BTEX) and total petroleum hydrocarbons (TPH). Laboratory analysis did not reveal BTEX or TPH concentrations above the detection limit. IMS concluded there was no evidence that the areas within and around the tank fields had been impacted.
- Correspondence between Exxon Company USA and the VDEQ dated June 1, 1994. In this letter, Mr. Richard W. Westerdale, III, Senior Environmental Engineer, Exxon Company USA, stated a suspected release at the Property was reported on May 12, 1994. This suspected release was reported due to the presence of water in the plus grade gasoline UST. However, further investigation revealed that water had accumulated in the UST due to normal operating conditions, and that when a contractor attempted to remove the water from the UST, a hydrostatic equilibrium was reached within the UST which gave the appearance that the UST was accumulating water. Subsequently, the water was removed and inventory reconciliation verified the quantity of gasoline in the UST. Based upon this information, Exxon requested closure of PC #94-3879.
- PC#94-3879-Case Closed Letter prepared by VDEQ and dated August 18, 1994, submitted to Exxon. The letter stated that following the review of provided information, the VDEQ considered this case closed. Therefore, further corrective action was not warranted and the case was closed.

EMG identified the following apparent recognized environmental condition from review of Department records:

- An active UST system is currently used at the Property.
- One (1) 1,000-gallon used oil UST was formerly in use at the Property.
- One (1) 1,000-gallon fuel oil UST was formerly in use at the Property.

*Source(s): State Department of Environmental Quality, Freedom of Information Office, Northern Regional Office, 13901 Crown Court, Woodbridge, VA 22193: Information obtained October 2, 2008.*

## 6.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Review of the Department files (Section 5.4) provided sufficient information regarding the Property such that EMG did not request additional environmental data, if available, which may include previous Phase I ESA, Phase II ESA, corrective action and/or remedial investigations which may be retained in ExxonMobil's archive files concerning the Property.

## 7.0 ENVIRONMENTAL PERMITS

The Property currently maintains four active USTs which are required to be registered with the Virginia Department of Environmental Quality (VDEQ). The VDEQ does not require additional permits to operate the USTs. In addition, the Property is registered with the US Environmental Protection Agency (EPA) as a RCRA-Small Quantity Generator of hazardous waste, likely associated with the vehicle repair operations.

*Source(s): Virginia Department of Environmental Quality, Freedom of Information Office, Environmental Office, 13901 Crown Court, Woodbridge, Virginia 22193.*

*Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck report, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

## 8.0 INTERVIEW AND SITE RECONNAISSANCE INFORMATION

EMG environmental professionals conducted interviews with knowledgeable regulatory and government officials and a site reconnaissance to visually observe the Property, including any buildings or structures on the Property. The EMG interviews and site reconnaissance were conducted in an attempt to identify recognized environmental conditions in connection with the Property.

### 2.21 8.1 Methodology and Limiting Conditions

There were no conditions encountered during the completion of the Phase I ESA which limited the use of the ASTM Standard Practice except for those noted in section 1.4. On October 21, 2008, EMG conducted site reconnaissance of the Property. A EMG representative walked and observed the exterior and interior of the station building, service bays and dispenser island areas at the Property and walked around and observed the exposed parts of exterior perimeter of the buildings and outside areas of the Property.

### 2.22 8.2 Interviews

EMG staff consulted and/or interviewed key individuals in attempt to obtain information regarding current and historical uses of the Property and special information regarding possible environmental concerns at the Property.

The following people and resources were interviewed or consulted:

<u>Name</u>	<u>Title and Organization</u>
Ms. Tracey Buchanan	FOIA officer, State Department of Environmental Quality
Ms. Colette Diggs	Administrative Assistant III, Fairfax County Department of Environmental Health
<u>Resource</u>	<u>Title and Organization</u>
Website	Official website of the County of Fairfax, Virginia, Tax Administration, Real Estate, <a href="http://www.fairfaxcounty.gov/dta">www.fairfaxcounty.gov/dta</a> , October 12, 2008.
Website	Official website of the County of Fairfax, Virginia, Inspections Database, FIDO website, <a href="http://www.fairfaxcounty.gov/living/buildingpermits">www.fairfaxcounty.gov/living/buildingpermits</a> , October 12, 2008.
Website	Official website of the County of Fairfax, Virginia, GIS, <a href="http://www.fairfaxcounty.gov/maps">www.fairfaxcounty.gov/maps</a> , October 12, 2008.

EMG submitted a Key site Manager Questionnaire via fax to Mr. Hadi Limouee on November 4, 2008. At the time this report was prepared a response had not been received. Should this information be received it will be included in the Final Report.

2.23 **8.3 Interior and Exterior Site Reconnaissance Observations**

EMG conducted a site reconnaissance visit on September 21, 2008 of the Property to visually identify potential environmental concerns. Site reconnaissance photographs are provided in Attachment B. The EMG site reconnaissance observations are summarized in Table 8.3 below.

**Table 8.3  
Interior and Exterior Site Reconnaissance Observations  
ExxonMobil Station # 2-6140  
9901 Georgetown Pike, Great Falls, Virginia 22066**

Issue	Observed During Site Visit		Observations/Comments
	Yes	No	
Above Ground Storage Tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Property utilizes one (1) 1,000-gallon propane AST, two (2) 250-gallon waste oil ASTs, and one (1) empty, out of use 250-gallon AST. The ASTs appeared to be in good condition. Evidence of significant staining or spills was not observed on, beneath or surrounding the ASTs.
Construction / Demolition Debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Drainage Ditches or Culverts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	There is a drainage ditch culvert beyond the property to the southwest that drains into the public storm sewer system. See the Figures in Attachment B for more detail.
Drums	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Two (2) 30-gallon drums of parts cleaner were observed in the service area. One (1) 55-gallon drum of waste antifreeze and two (2) empty 55-gallon drums were observed to the south of the Property building, stored on a wood pallet. The waste antifreeze drum appeared to be approximately 30% full. One (1) 55-gallon drum of transmission fluid, one (1) 55-gallon drum of antifreeze, and three 30-gallon drums of motor oil were observed in the service area. The drums appeared to be in good condition. Evidence of significant staining or spills was not observed beneath or surrounding the drums.
Fill Dirt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Floor Drains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.

**Table 8.3**  
**Interior and Exterior Site Reconnaissance Observations**  
**ExxonMobil Station # 2-6140**  
**9901 Georgetown Pike, Great Falls, Virginia 22066**

Issue	Observed During Site Visit		Observations/Comments
	Yes	No	
Hazardous Substances / Petroleum Products	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous substances and petroleum products stored and used consist of routine janitorial/maintenance supplies, gasoline in USTs for retail sale, kerosene, propane, and automotive maintenance materials including parts washer fluid (petroleum based solvent), automotive oil, antifreeze, gear lube, and transmission fluid.  In addition, automotive maintenance products are sold in the convenience store.
Hydraulic Lift Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Two (2) hydraulic lift systems are utilized at the Property. PCB-containing hydraulic fluid has not been manufactured since 1977. The date of installation of these lifts is unknown. Because the unit could have been installed prior to 1978 (the USEPA banned the manufacturing of PCB-containing hydraulic fluid in 1976, and the manufacture of PCBs ceased in 1977), EMG is of the opinion that the lift hydraulic fluid potentially contains PCBs.  In addition, a portable, above ground lift was observed at the Property, along the western boundary.
Odors, Unusual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EMG noted a strong gasoline smell throughout the Property.
Pits, Ponds, Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Pools of Liquids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Railroad Spurs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Septic Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Solid Waste Disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A trash dumpster was observed in the trash enclosure located on the southeast corner of the Property. The contents of the dumpsters reportedly are picked up by a contracted waste hauler for off-site disposal.  Used tires were observed in the western most service bay and to the south of the Property building. These tires are reportedly picked up as new tires are delivered to the Property.  Used batteries were observed in the service area. These batteries are reportedly picked up as new batteries are delivered to the Property.

**Table 8.3  
Interior and Exterior Site Reconnaissance Observations  
ExxonMobil Station # 2-6140  
9901 Georgetown Pike, Great Falls, Virginia 22066**

Issue	Observed During Site Visit		Observations/Comments
	Yes	No	
Solvents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	As mentioned above, the Property utilizes solvents in the vehicle repair operations. Two 30-gallon parts cleaner sinks were observed in the service bays.
Separators, Oil-Water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Spills or Releases, Surface	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Section 5.2 for historical spill incidents reported to the Department concerning the Property.
Stained Soil or Pavement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>De minimis</i> staining spots were observed on the concrete and asphalt paved areas near the pump dispenser islands and customer parking areas near the station building, as well as in the service bays.
Stains or Corrosion on Floors, Walls, Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Stormwater Discharge from Property	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stormwater catch drains were observed on the Property; however, detailed investigation of the discharge location could not be conducted.
Stressed or Dead Vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Subsurface Anomalies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Sumps, Floor Vaults or Pits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Transformers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	One (1) pad-mounted transformer was identified on the adjacent property to the west. In addition, one (1) pole-mounted transformer was identified on the adjacent property to the east and one (1) pole-mounted transformer was identified on the adjacent property to the north.
Underground Storage Tank Systems (Existing or Active)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A concrete pad with three (3) fuel fill ports and other access manways was observed near the southeastern section of the Property. The tank field is reported to contain three (3) USTs, including one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs.
Underground Storage Tank Systems (Former)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Property formerly maintained on (1) UST system, including: two (2) 8,000-gallon gasoline USTs and one (1) 4,000-gallon gasoline UST.
Underground Storage Tanks (Heating or Fuel-Oil)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None currently identified. However, information obtained from the VDEQ indicates that a 1,000-gallon heating oil UST was removed from the Property.

**Table 8.3**  
**Interior and Exterior Site Reconnaissance Observations**  
**ExxonMobil Station # 2-6140**  
**9901 Georgetown Pike, Great Falls, Virginia 22066**

Issue	Observed During Site Visit		Observations/Comments
	Yes	No	
Underground Storage Tanks (Used/Waste Oil)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None currently indentified. However, a review of available information indicates that the Property formerly maintained four (4) 1,000-gallon waste oil USTs.
Unidentified Substances	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Wastewater DischarEMG from Property	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None Identified.
Wells: Abandoned, Monitoring, Irrigation, Injection, Dry Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The existing tank field includes two monitoring wells. In addition, two sewer cleanouts were observed near the pump islands.

*Source(s): EMG Site reconnaissance observations from October 21, 2008.*

*Environmental Data Resources, Inc., The EDR Radius Map with GeoCheck report, ExxonMobil Station 2-6140, 9901 Georgetown Pike, Great Falls, Virginia 22066, dated September 15, 2008.*

## 9.0 FINDINGS, CONCLUSIONS AND OPINIONS

EMG has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for the property identified as ExxonMobil Station 2-6140 located at 9901 Georgetown Pike, Great Falls, Virginia (the Property).

The Property was identified by EDR in the UST database as containing three (3) active USTs including one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs that were installed in 1989.

One (1) gasoline UST system was previously in use at the Property prior to the installation of the current gasoline UST system in 1989. In addition, the Property had four (4) 1,000-gallon used oil UST and one (1) 1,000-gallon fuel oil UST removed from the Property. One of the waste oil USTs and the fuel oil UST were removed in 1995. Removal dates for the other waste oil USTs were not provided. The locations of the former USTs could not be identified.

The Property has one (1) closed release cases. The facility appeared in the LTANKS and LUST databases for a release that was reported on May 13, 1994, for which Pollution Complaint Number (PC#) 94-3879 was assigned. The case is listed with a status of "closed" since August 18, 2004. See Section 5.0 for details.

The Property was identified in the RCRA database as a Conditionally Exempt Small Quantity Generator and a Small Quantity Generator of hazardous wastes. There were no identified federal or state RCRA evaluations (i.e. site inspections), RCRA corrective actions (e.g. RCRA-related remedial clean-ups), or federal or state RCRA enforcement actions or violations reported for this facility.

There are two (2) hydraulic lift systems in use at the Property with underground reservoirs for which the installation dates are unknown.

According to information provided by EDR in The EDR Radius Map with GeoCheck report, there is one (1) reported public water-supply (PWS) well located within a one-eighth mile radius of the Property, to the southeast and topographically downgradient of the Property. This PWS well is also listed on the Virginia Wells database as plotted between one-eighth and one-quarter mile north-northwest and downgradient of the Property. In addition, there is one (1) private potable well located between one-half and one mile north of the Property; however, this well is not downgradient from the Property. It should be noted that water is supplied to the Property by a potable well located at the northeast corner of the Property. Fairfax County Department of Health reports that 36 potable wells are located within a quarter mile of the Property. Public water is available in the area and is supplied by Fairfax Water Authority. Fairfax Water Authority obtains water from the Occoquan Reservoir. The Occoquan Reservoir is located greater than five (5) miles south of the Property. The Potomac River is located two (2) miles east and three (3) miles north of the Property.

**This Phase I ESA has revealed the following evidence of recognized environmental conditions attributable to the Property in accordance with the ASTM Practice E 1527-05:**

- (1) **REC-1** - Three (3) active underground storage tanks including one (1) 12,000-gallon gasoline UST and two (2) 10,000-gallon gasoline USTs and a gasoline dispenser island are currently used at the Property for storage of petroleum fuels for retail sale. The tanks are reported to have been operational since 1989. Considering the long-term use of these USTs at the Property, the potential exists for adverse impact to the Property. Furthermore, a strong gasoline odor was noted throughout the Property.
- (2) **REC-2** - Two (2) hydraulic lifts are currently in use at the Property.
- (3) **REC-3** - According to review of available information, four (4) 1,000-gallon used oil underground storage tanks formerly in use at the Property was removed from the ground (one in 1995; three unknown). No documentation regarding their removal or locations could be located.

See next section (Section 10.0) for the EMG recommendations concerning the recognized environmental conditions identified above.

## 10.0 RECOMMENDATIONS

EMG has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for the property identified as ExxonMobil Station 2-6140 located at 9901 Georgetown Pike, Great Falls, State (the Property). This Phase I ESA has revealed evidence of recognized and/or suspected environmental conditions attributable to the Property (see Section 9.0).

Based on the information collected under this ESA, EMG recommends the investigation of soil and groundwater quality in the following locations:

- 1) **REC-1** – Install two (2) soil borings and monitoring wells south of the current UST area. Install two (2) soil borings and monitoring wells south of the current dispenser island area.
- 2) **REC-2** – Install two (2) soil borings and monitoring wells south of the station building.
- 3) **REC-3** – According to review of available information, four (4) 1,000-gallon used oil underground storage tanks formerly in use at the Property was removed from the ground (one in 1995; three unknown). One (1) 1,000-gallon heating oil underground storage tank, formerly in use at the Property was removed from the ground in 1995. The former locations and conditions of these USTs could not be identified. The Property should be subjected to a site-wide ground-penetrating radar survey to confirm the absence of these USTs.

A monitoring well should be installed on the eastern property boundary to determine if gasoline impacts on the neighboring Shell station are impacting the Property.

Analytical laboratory testing should focus on petroleum hydrocarbons and related compounds as the site-specific constituents-of-concern to include TPH-GRO/DRO, BTEX, and MTBE.

## 11.0 DOCUMENTATION AND DATA FAILURE

EDR was not able to provide EMG with the following historical documentation and/or environmental data for the Property due to the lack of site coverage and/or limited available record sources:

- Sanborn Fire Insurance Maps

Please note that the lack of available Sanborn fire insurance maps from EDR is considered data failure, but is not considered a material limitation for the completion of this Phase I ESA report.

In addition, ASTM E1527-05 specifies information to be provided to the Environmental Professional by the User either directly or through thirds parties. For this Property the following information was not provided either because it does not exist or was not readily available to the User:

- Contact information for the past owner/operator of the Property
- Past data/reports for the Property
- A title search
- An environmental lien search
- Removal documentation for three (3) 1,000-gallon waste oil USTs
- Contact with a current site representative

Please note that the lack of this information from the User is considered data failure, but is not considered a material limitation for the completion of this Phase I ESA report.

## 12.0 QUALIFICATIONS OF PROFESSIONALS

EMG has completed a Phase I ESA for the facility identified as ExxonMobil Station 2-6140 located at 9901 Georgetown Pike in Great Falls, Virginia. This Phase I ESA was conducted using methods and procedures consistent with customary practices designed to conform to acceptable industry standards.

The EMG personnel that performed this Phase I ESA consisted of environmental professionals that have training and expertise in performing Phase I ESAs. Staff environmental scientists conducted the interview(s) and site reconnaissance and prepared the Phase I ESA report. An EMG Project Manager coordinated with the client and provided technical guidance. An EMG Senior Environmental Consultant provided quality assurance/quality control, and technical reviews of the Phase I ESA report. The qualifications of the EMG professionals who participated in this Phase I ESA are provided in Attachment G.

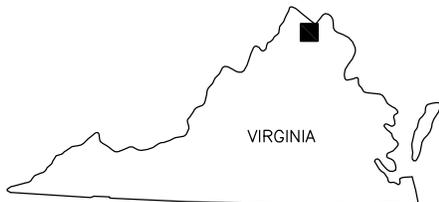
We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting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

**ATTACHMENT A**

**FIGURES**



SOURCE: USGS 7.5 MINUTE SERIES  
 TOPOGRAPHIC QUADRANGLE 1982  
 VIENNA, VIRGINIA  
 CONTOUR INTERVAL = 10'



QUADRANGLE LOCATION

DRAFTED BY: E.M.E. (N.J.)	<b>SITE LOCATION MAP</b>					
CHECKED BY:				<b>EXXON SERVICE STATION #2-6140</b>		
REVIEWED BY:				<b>9901 GEORGETOWN PIKE</b>		
NORTH 	<b>Groundwater &amp; Environmental Services, Inc.</b>					
	2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114					
	SCALE IN FEET 	DATE 11-10-08	FIGURE 1			



**LEGEND**

- PROPERTY BOUNDARY
- x- FENCE
- 55 GALLON DRUM
- TRANSFORMER
- ☀ LIGHT POLE
- ⊠ DUMPSTER
- DISPENSER ISLAND
- ⊖ UNDERGROUND STORAGE TANK
- ▒ CATCH BASIN
- VENT PIPE
- ⊕ WASTE OIL AST
- ⊙ MONITORING WELL
- TANK FIELD WELL

GEORGETOWN PIKE

WALKER ROAD

GRASS TREES

ASPHALT

RESIDENTIAL PROPERTY

GRASS TREES

ASPHALT

CONCRETE

CONCRETE

CONCRETE

CANOPY  
SEWER  
CLEAN-OUT

HYDRAULIC  
LIFTS  
(2)  
**EXXON SITE**

[w/o]

EMERGENCY  
SHUT-OFF

PROpane  
AST

TANK  
FIELD

GRASS  
TREES

OFFICE

DRAFTED BY:  
LEK

CHECKED BY:

REVIEWED BY:

NORTH



**SITE MAP**

**EXXON SERVICE STATION #2-6140**  
9901 GEORGETOWN PIKE  
GREAT FALLS, VIRGINIA

Groundwater & Environmental Services, Inc.  
2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114



DATE  
11-06-08

FIGURE  
2



DRAFTED BY:	JNS
CHECKED BY:	
REVIEWED BY:	
NORTH	

LOCAL AREA MAP	
EXXON SERVICE STATION #2-6140 9901 GEORGETOWN PIKE GREAT FALLS, VIRGINIA	
SCALE IN FEET	DATE
0 APPROXIMATE 200	10-28-08
FIGURE	3

Groundwater & Environmental Services, Inc.  
2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114

**ATTACHMENT B**

**SITE RECONNAISSANCE PHOTOGRAPHS**

ExxonMobil Station # 2-6140  
9901 Georgetown Pike  
Phase I ESA Photo Documentation  
October 21, 2008



Photograph Number 1: Exxon Service Station # 2-6140, facing southwest.



Photograph Number 2: Exxon Service Station # 2-6140 from Georgetown Pike, facing southeast.



Photograph Number 3: Hydraulic lift with belowground reservoir.



Photograph Number 4: Waste oil AST to the south of the building.

ExxonMobil Station # 2-6140  
9901 Georgetown Pike  
Phase I ESA Photo Documentation  
October 21, 2008



Photograph Number 5: Northern adjacent multi-tenant commercial building, facing northwest.



Photograph Number 6: Eastern adjacent Shell station, facing east.

ExxonMobil Station # 2-6140  
9901 Georgetown Pike  
Phase I ESA Photo Documentation  
October 21, 2008



Photograph Number 7: Southern adjacent office building, facing southwest.



Photograph Number 8: Western adjacent multi-tenant commercial building, facing southwest.

**ATTACHMENT C**

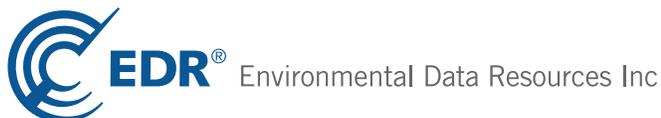
**THE EDR RADIUS MAP WITH GEOCHECK**  
**DATABASE REPORT**

**LIMOUEE ASSOCIATES INC**

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

Inquiry Number: 02317212.248r  
September 15, 2008

# The EDR Radius Map™ Report with GeoCheck®



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# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	6
Orphan Summary .....	35
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-22

***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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

#### COORDINATES

Latitude (North): 38.998100 - 38° 59' 53.2"  
Longitude (West): 77.288400 - 77° 17' 18.2"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 301822.0  
UTM Y (Meters): 4318849.0  
Elevation: 343 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38077-H3 VIENNA, VA  
Most Recent Revision: 1994  
  
North Map: 39077-A3 SENECA, MD  
Most Recent Revision: 1994

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
EXXON CO USA #26140 9901 GEORGETOWN PIKE-TANKS GREAT FALLS, VA 22066	FINDS RCRA-CESQG	VAD988201158
EXXON #26140 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066	UST	N/A
EXXON #2-6140 9901 GEORGETOWN PIKE FAIRFAX, VA 0	LUST LTANKS Facility Status: Closed	N/A
GREAT FALLS EXXON 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066	RCRA-SQG SPILLS	VAD988214607

# EXECUTIVE SUMMARY

## 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:

## FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS	State Coalition for Redediation of Drycleaners Listing

## STATE AND LOCAL RECORDS

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

## EXECUTIVE SUMMARY

SWF/LF.....	Solid Waste Management Facilities
AST.....	Registered Petroleum Storage Tanks
ENG CONTROLS.....	Engineering Controls Sites Listing
INST CONTROL.....	Voluntary Remediation Program Database
VCP.....	Voluntary Remediation Program
BROWNFIELDS.....	Brownfields Site Specific Assessments
ENF.....	Enforcement Actions Data
NPDES.....	Comprehensive Environmental Data System
AIRS.....	Permitted Airs Facility List

### TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

### EDR PROPRIETARY RECORDS

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations..	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

### 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.

### FEDERAL RECORDS

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 08/20/2008 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>GREAT FALLS AUTO SERVICE</i></b>	<b><i>719 WALKER RD</i></b>	<b><i>1/8 - 1/4NW</i></b>	<b><i>D21</i></b>	<b><i>25</i></b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>GREAT FALLS CLNRS</i></b>	<b><i>9900 GEORGETOWN PIKE</i></b>	<b><i>0 - 1/8 WNW</i></b>	<b><i>A10</i></b>	<b><i>16</i></b>

## EXECUTIVE SUMMARY

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 08/20/2008 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WHITE STAR CLEANERS INC</b>	<b>9847 GEORGETOWN PIKE</b>	<b>0 - 1/8 ESE</b>	<b>C16</b>	<b>21</b>

### STATE AND LOCAL RECORDS

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, and dated 05/18/2004 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>GREAT FALLS SHOPPING CENTER</b>	<b>GEORGETOWN PIKE / WAL</b>	<b>0 - 1/8</b>	<b>A6</b>	<b>13</b>
GREAT FALLS AUTO SERVICE	719 WALKER ROAD	1/8 - 1/4 NW	D20	25
<b>SAM BRYANT</b>	<b>10010 GEORGETOWN PIKE</b>	<b>1/8 - 1/4 W</b>	<b>E23</b>	<b>28</b>
<b>GREAT FALLS FIRE STATION</b>	<b>9916 GEORGETOWN PIKE</b>	<b>1/8 - 1/4 WNW</b>	<b>F24</b>	<b>31</b>
GREAT FALLS ELEMENTARY SCHOOL	701 WALKER ROAD	1/4 - 1/2 NW	G27	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SHELL STATION</b>	<b>9829 GEORGETOWN PIKE</b>	<b>0 - 1/8 SSE</b>	<b>B13</b>	<b>20</b>
<b>GREAT FALLS SHOPPING CENTER</b>	<b>9847 GEORGETOWN PIKE</b>	<b>0 - 1/8 ESE</b>	<b>C14</b>	<b>20</b>
<b>GREAT FALLS COMMUNITY LIBRARY</b>	<b>9818 GEORGETOWN PIKE</b>	<b>1/8 - 1/4 ESE</b>	<b>17</b>	<b>23</b>
<b>METZ PROPERTY</b>	<b>627 PHILLIP DIGGS DRIVE</b>	<b>1/4 - 1/2 E</b>	<b>28</b>	<b>33</b>

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

A review of the LTANKS list, as provided by EDR, and dated 06/04/2008 has revealed that there are 13 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>GREAT FALLS AUTO SERVICE</b>	<b>719 WALKER RD</b>	<b>1/8 - 1/4 NW</b>	<b>D21</b>	<b>25</b>
Facility Status: Closed				
Facility Status: Closed				
SAM BRYANT	10010 GEORGETOWN PIKE	1/8 - 1/4 W	E22	28
Facility Status: Closed				
<b>GREAT FALLS FIRE STATION</b>	<b>9916 GEORGETOWN PIKE</b>	<b>1/8 - 1/4 WNW</b>	<b>F24</b>	<b>31</b>
Facility Status: Closed				
<b>GREAT FALLS ELEMENTARY SCHOOL</b>	<b>701 WALKER RD</b>	<b>1/4 - 1/2 NW</b>	<b>G26</b>	<b>32</b>
Facility Status: Closed				
HERBERT KAREN WILLIAM RESIDENC	10112 NEDRA DR	1/4 - 1/2 W	29	33
Facility Status: Closed				

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SHELL 139470 Facility Status: Closed	9829 GEORGETOWN PIKE	0 - 1/8 SSE	B12	20
<b>SHELL STATION</b> Facility Status: Closed	<b>9829 GEORGETOWN PIKE</b>	<b>0 - 1/8 SSE</b>	<b>B13</b>	<b>20</b>
<b>GREAT FALLS SHOPPING CENTER</b> Facility Status: Closed Facility Status: Closed	<b>9847 GEORGETOWN PIKE</b>	<b>0 - 1/8 ESE</b>	<b>C14</b>	<b>20</b>
<b>GREAT FALLS COMMUNITY LIBRARY</b> Facility Status: Closed	<b>9818 GEORGETOWN PIKE</b>	<b>1/8 - 1/4ESE</b>	<b>17</b>	<b>23</b>
<b>METZ PROPERTY</b> Facility Status: Closed	<b>627 PHILLIP DIGGS DRIVE</b>	<b>1/4 - 1/2E</b>	<b>28</b>	<b>33</b>
COBB TINA RESIDENCE Facility Status: Closed	827 WALKER RD	1/4 - 1/2S	H30	34
HICKS JOHN RESIDENCE Facility Status: Closed	826 WALKER RD	1/4 - 1/2S	H31	34
BEYER JOHN AND GERALDINE RESID Facility Status: Closed	600 INNSBRUCK AVE	1/4 - 1/2NE	32	34

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

A review of the UST list, as provided by EDR, and dated 06/04/2008 has revealed that there are 6 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DALE LUMBER	721 WALKER RD	1/8 - 1/4NW	D18	24
<b>GREAT FALLS AUTO SERVICE</b>	<b>719 WALKER RD</b>	<b>1/8 - 1/4NW</b>	<b>D21</b>	<b>25</b>
GREAT FALLS FIRE CO 12	9916 GEORGETOWN PIKE	1/8 - 1/4WNW	F25	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CANNON SEAFOOD OF VA INC	762A WALKER RD	0 - 1/8 S	A8	16
GREAT FALLS SHELL 139470	9829 GEORGETOWN PIKE	0 - 1/8 SSE	B11	18
BELL ATLANTIC	755 WALKER RD	1/8 - 1/4S	19	24

DRYCLEANERS: A listing of registered drycleaners.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/31/2008 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GREAT FALLS CLEANERS - GREAT F	9900 GEORGETOWN PIKE	0 - 1/8 WNW	A9	16
<b>GREAT FALLS CENTER CLEANERS</b>	<b>9847 GEORGETOWN PIKE</b>	<b>0 - 1/8 ESE</b>	<b>C15</b>	<b>21</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

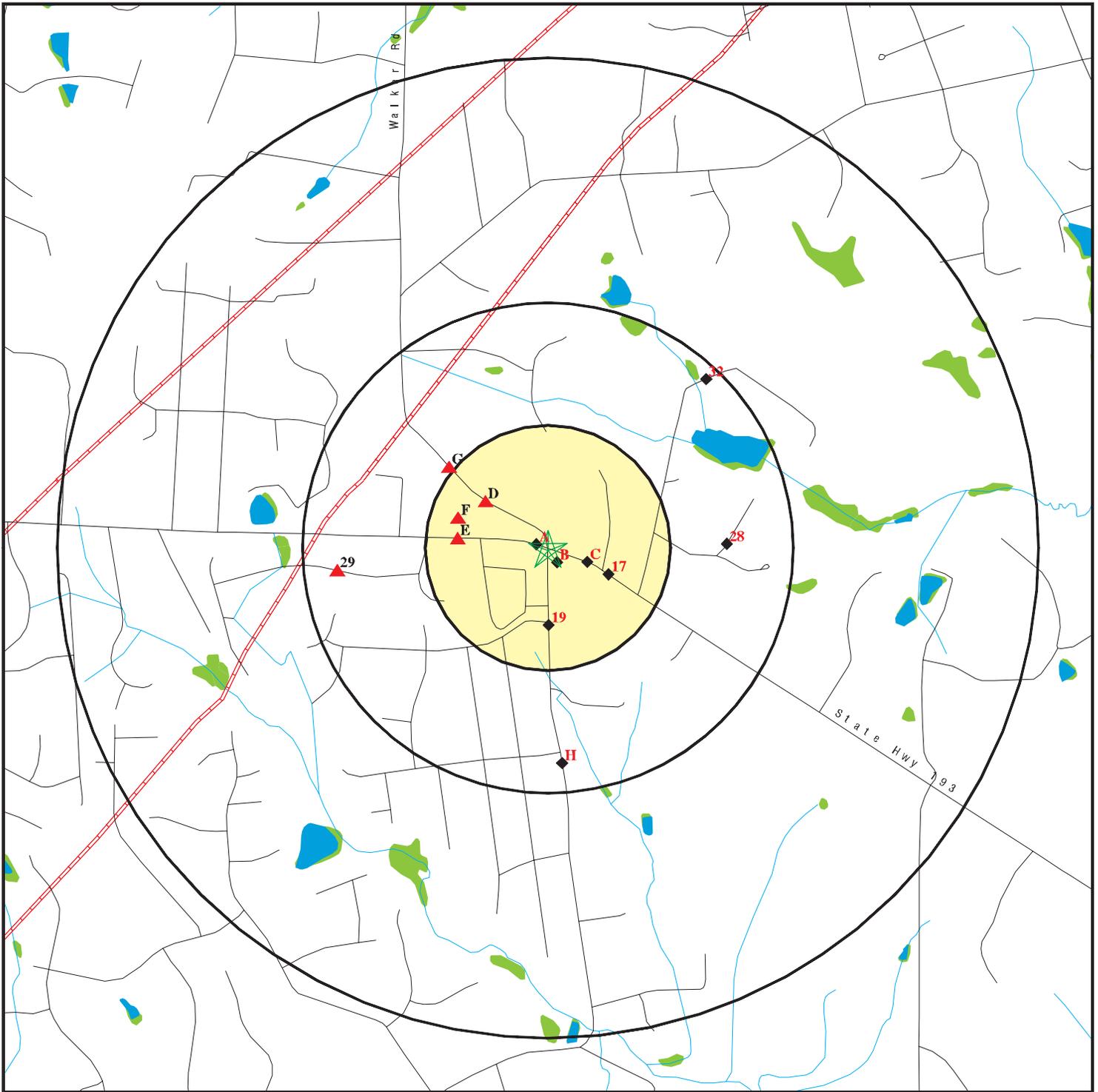
Site Name

GREAT FALLS CENTER

Database(s)

CERC-NFRAP

# OVERVIEW MAP - 02317212.248r



- ★ 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

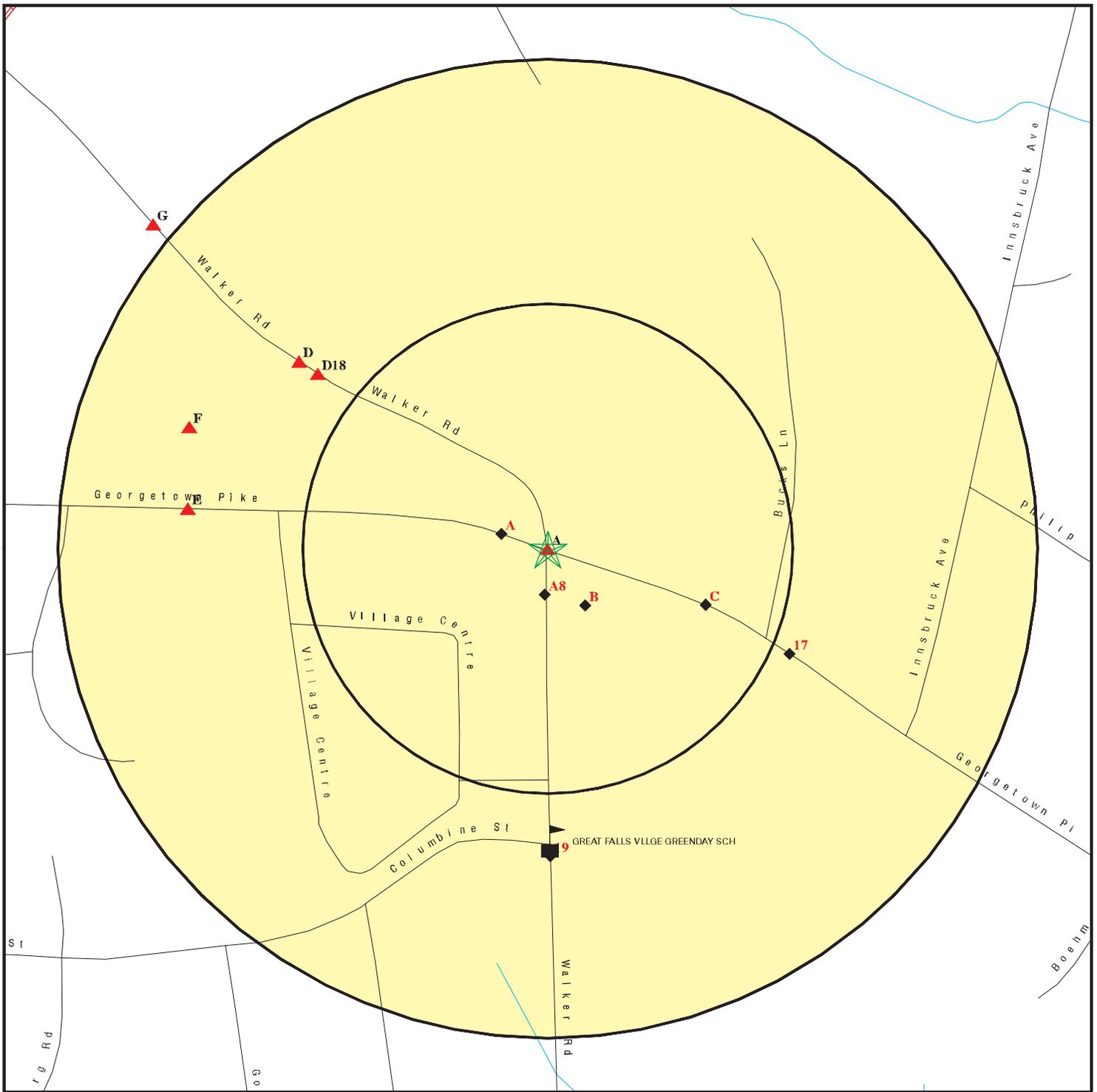
- ▨ Indian Reservations BIA
  - Oil & Gas pipelines
  - National Wetland Inventory
- 0 1/4 1/2 1 Miles

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: LIMOUÉE ASSOCIATES INC  
 ADDRESS: 9901 GEORGETOWN PIKE  
 GREAT FALLS VA 22066  
 LAT/LONG: 38.9981 / 77.2884

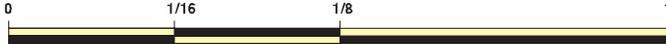
CLIENT: Groundwater & Env. Svcs. LLC  
 CONTACT: Kirsteen Toro  
 INQUIRY #: 02317212.248r  
 DATE: September 15, 2008 8:49 am

# DETAIL MAP - 02317212.248r



-  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

0      1/16      1/8      1/4 Miles



-  Indian Reservations BIA
-  Oil & Gas pipelines



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: LIMOUEE ASSOCIATES INC  
 ADDRESS: 9901 GEORGETOWN PIKE  
 GREAT FALLS VA 22066  
 LAT/LONG: 38.9981 / 77.2884

CLIENT: Groundwater & Env. Svcs. LLC  
 CONTACT: Kirsteen Toro  
 INQUIRY #: 02317212.248r  
 DATE: September 15, 2008 8:49 am

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG	X	0.250	0	0	NR	NR	NR	0
RCRA-CESQG	X	0.250	1	1	NR	NR	NR	2
RCRA-NonGen		0.250	1	0	NR	NR	NR	1
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
SWF/LF		0.500	0	0	0	NR	NR	0
LUST	X	0.500	3	4	2	NR	NR	9
LTANKS	X	0.500	3	4	6	NR	NR	13

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	X	0.250	2	4	NR	NR	NR	6
AST		0.250	0	0	NR	NR	NR	0
SPILLS	X	TP	NR	NR	NR	NR	NR	0
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	2	0	NR	NR	NR	2
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**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

**A1** EXXON CO USA #26140  
**Target** 9901 GEORGETOWN PIKE-TANKS  
**Property** GREAT FALLS, VA 22066

**FINDS** 1004790238  
**RCRA-CESQG** VAD988201158

**Site 1 of 10 in cluster A**

**Actual:**  
**343 ft.**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

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.

**RCRA-CESQG:**

Date form received by agency: 07/01/1998  
Facility name: EXXON CO USA #26140  
Site name: EXXON CO USA 26140  
Facility address: 9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
EPA ID: VAD988201158  
Mailing address: PO BOX 2180  
HOUSTON, TX 77225-218  
Contact: ALDA S. POOL  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (713) 656-7709  
Contact email: Not reported  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: EXXON CO USA  
Owner/operator address: PO BOX 4415  
HOUSTON, TX 77210  
Owner/operator country: Not reported  
Owner/operator telephone: (713) 656-7761  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON CO USA #26140 (Continued)**

**1004790238**

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 06/03/1991  
Facility name: EXXON CO USA #26140  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000  
Waste name: Not Defined  
Waste code: D018  
Waste name: BENZENE  
Violation Status: No violations found

**A2  
Target  
Property**

**EXXON #26140  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066**

**UST U003679879  
N/A**

**Site 2 of 10 in cluster A**

**Actual:  
343 ft.**

UST:  
Facility:  
Facility Id: 3009810  
CEDS Facility ID: 200000078530  
Facility Type: GAS STATION  
UST Status: Not reported  
AST Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #26140 (Continued)**

**U003679879**

Owner ID: 40064  
Owner Name: ExxonMobil Corporation c/o Gilbarco Veeder Root  
Owner Address: 7300 W Friendly Ave MS F76  
Owner Address 2: PO Box 22087  
Owner City,St,Zip: Greensboro, NC 27420  
Federally Regulated: Yes

Tank Number: 1  
Tank Capacity: 12000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 2  
Tank Capacity: 10000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 3  
Tank Capacity: 10000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 6  
Tank Capacity: 1000  
Tank Contents: USED OIL  
**Tank Status: CLS IN GRD**  
Tank Type: UST

Tank Number: G4  
Tank Capacity: 1000  
Tank Contents: USED OIL  
**Tank Status: CLS IN GRD**  
Tank Type: UST

Tank Number: G6  
Tank Capacity: 1000  
Tank Contents: USED OIL  
**Tank Status: CLS IN GRD**  
Tank Type: UST

Tank Number: R1  
Tank Capacity: 4000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #26140 (Continued)**

**U003679879**

Tank Capacity: 8000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R3  
Tank Capacity: 8000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: RA4  
Tank Capacity: 1000  
Tank Contents: USED OIL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

**A3**  
Target  
Property

**EXXON #2-6140**  
**9901 GEORGETOWN PIKE**  
**FAIRFAX, VA 0**

**LUST** **S103459103**  
**LTANKS** **N/A**

**Site 3 of 10 in cluster A**

**Actual:**  
**343 ft.**

LUST:  
region: NO  
Pollution Complaint #: 94-3879  
Facility ID: 3009810  
Release Date: 05/13/1994  
Cas Type: Article 9  
**Status: Closed**  
Closed Date: 8/18/1994  
Case Officer: Lewis E. Hilder  
Permit Number: 0  
Tank Size: 0  
Product: Not reported  
Priority: -

LTANKS:  
CEDS Facility Id: 200000078530  
Pollution Complaint #: 19943879  
Reported: 13-May-1994  
**Case Status: Closed**

**A4**  
Target  
Property

**GREAT FALLS EXXON**  
**9901 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

**RCRA-SQG** **1000696520**  
**SPILLS** **VAD988214607**

**Site 4 of 10 in cluster A**

**Actual:**  
**343 ft.**

RCRA-SQG:  
Date form received by agency: 04/07/1992  
Facility name: GREAT FALLS EXXON  
Facility address: 9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS EXXON (Continued)**

**1000696520**

EPA ID: VAD988214607  
Contact: PHIL MASEMER  
Contact address: 9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
Contact country: US  
Contact telephone: (703) 759-4894  
Contact email: Not reported  
EPA Region: 03  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: G F INC  
Owner/operator address: 9809 ARNON CHAPEL RD  
GREAT FALLS, VA 22066  
Owner/operator country: Not reported  
Owner/operator telephone: (703) 759-4894  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
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: Unknown  
Furnace exemption: Unknown  
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  
Off-site waste receiver: Commercial status unknown

**Hazardous Waste Summary:**

Waste code: D000  
Waste name: Not Defined

Violation Status: No violations found

**SPILLS NO:**

Region: NO  
Id: Not reported  
Incident Summary: Not reported  
Date In: 9/29/1999  
Date Closed: 10/20/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS EXXON (Continued)**

1000696520

Pollution Type:	Not reported
Responsible Party:	Not reported
<b>Facility Status:</b>	<b>Not reported</b>
Owner:	Not reported
Facility Contact:	Not reported
Facility Permitted:	No
Facility Telephone:	Not reported
Time In:	3:00:00 PM
Reported By Name:	Anon
Reported By Telephone:	Not reported
Reported By Affiliation/Addr:	Not reported
Incident Response IR #:	2000-N-0206
Responsible Party Name:	Not reported
Responsible Party Address:	Not reported
Responsible Party City:	Not reported
Responsible Party Zip:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Incident Date:	9/29/1999
Incident Time:	Not reported
Petroleum:	Yes
Solid Waste:	No
Hazardous Waste:	No
Water:	No
Air:	No
Sewage:	No
Fish Kill:	No
Threat Wetlands:	No
Wetlands:	No
Material Released:	unknown
Possible Receptors:	land
Quantity Released:	-1
Unit Released:	Not reported
Quantity In Water:	-1
Receiving Waters:	Not reported
River Basin:	1a
Inspection Date:	10/18/1999
Call Date:	Not reported
Inspector:	pzg
Response Due:	Not reported
Response Received Date:	Not reported
Visit Needed:	No
Open:	No
Air Referral Date:	Not reported
Air Reg/ Permit Number:	Not reported
Waste Referral Date:	Not reported
Epa Id Or Permit Number:	Not reported
Water Referral Date:	Not reported
Water Permit Number:	Not reported
Remediation Referral Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREAT FALLS EXXON (Continued)**

**1000696520**

Remediation Pc Number:	Not reported
Enforcement Referral Date:	Not reported
Nov Number:	Not reported
Pc Number:	Not reported
Receive By:	Not reported
Case Officer:	Not reported
Case Type:	Not reported
Street Address:	Not reported
Pollutant:	Not reported
Impact:	Not reported
Spill Time:	Not reported
Spill Date:	Not reported
Spill Volume:	Not reported
Measure:	Not reported
Volume In Water:	Not reported
Stream Name:	Not reported
Stream Code:	Not reported
Investigation Date:	Not reported
Closure Date:	Not reported
Lab Results:	Not reported
Target Date:	Not reported
Prep Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Pollutant Scr:	Not reported
Volume:	Not reported
Volume Esc:	Not reported
Remarks:	Not reported
Future Recommendations:	Not reported
Stream Code:	Not reported
Visit Date:	Not reported
Lab Date:	Not reported
File Close Date:	Not reported
Prep Copy:	Not reported
City:	Not reported
Incident Summary:	black slick patch from gas station to storm ditch
Inspection Cmmt:	Not reported
Reported:	Not reported
Results:	Not reported

**A5**  
 < 1/8  
 0.001 mi.  
 5 ft.

**TEMET USA INC.**  
**737 WALKER ROAD, SUITE 1**  
**GREAT FALLS, VA 22066**  
**Site 5 of 10 in cluster A**

**MLTS 1011487199**  
**N/A**

**Relative:**  
**Equal**

MLTS:  
 License Number: X  
 First License Date: 0  
 License Date: 0  
 Lic. Expiration Date: 0  
 Contact Name: RICHARD C. KRAHE  
 Contact Phone: 703-759-6000  
 Institution Code: 23831  
 Primary Program: Not reported  
 Department: Not reported  
 Building: Not reported  
 States Allowing Use: Not reported

**Actual:**  
**343 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEMET USA INC. (Continued)

1011487199

License Use: Not reported  
Store Material Use: Not reported  
Redistribution Use: Not reported  
Incinerate Use: Not reported  
Burial Use: Not reported  
Last Inspection Date: 0  
Next Inspection Date: 0  
Inspector Name: Not reported  
Status: Not reported

A6

GREAT FALLS SHOPPING CENTER  
GEORGETOWN PIKE / WALKER ROAD  
FAIRFAX, VA 22066

LUST S104406942  
SPILLS N/A

< 1/8  
0.001 mi.  
5 ft.

Site 6 of 10 in cluster A

Relative:  
Equal

LUST:

region: NO  
Pollution Complaint #: 94-1568  
Facility ID: 3900690  
Release Date: 05/25/1994  
Cas Type: Alternate Water Supply  
**Status: Open**  
Closed Date: Not reported  
Case Officer: James D. Green  
Permit Number: 0  
Tank Size: 0  
Product: Not reported  
Priority: 3

Actual:  
343 ft.

SPILLS NO:

Region: NO  
Id: Not reported  
Incident Summary: Not reported  
Date In: 11/23/2003  
Date Closed: Not reported  
Pollution Type: Not reported  
Responsible Party: Not reported  
**Facility Status: Not reported**  
Owner: Not reported  
Facility Contact: Not reported  
Facility Permitted: No  
Facility Telephone: Not reported  
Time In: Not reported  
Reported By Name: Ann Baise  
Reported By Telephone: 7037901315  
Reported By Affiliation/Addr: 8352 Old Dominion Dr, McLean 22102  
Incident Response IR #: 2004-N-0477  
Responsible Party Name: Not reported  
Responsible Party Address: Not reported  
Responsible Party City: Not reported  
Responsible Party Zip: Not reported  
Responsible Party Contact: Not reported  
Responsible Party Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS SHOPPING CENTER (Continued)**

**S104406942**

Owner State:	Not reported
Owner Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Incident Date:	11/19/2003
Incident Time:	4:15:00 PM
Petroleum:	No
Solid Waste:	No
Hazardous Waste:	No
Water:	Yes
Air:	No
Sewage:	No
Fish Kill:	No
Threat Wetlands:	No
Wetlands:	No
Material Released:	E&S
Possible Receptors:	Not reported
Quantity Released:	-1
Unit Released:	gallons
Quantity In Water:	-1
Receiving Waters:	Not reported
River Basin:	Not reported
Inspection Date:	11/24/2003
Call Date:	Not reported
Inspector:	CBW
Response Due:	Not reported
Response Received Date:	Not reported
Visit Needed:	No
Open:	No
Air Referral Date:	Not reported
Air Reg/ Permit Number:	Not reported
Waste Referral Date:	Not reported
Epa Id Or Permit Number:	Not reported
Water Referral Date:	11/24/2003
Water Permit Number:	VAR
Remediation Referral Date:	Not reported
Remediation Pc Number:	Not reported
Enforcement Referral Date:	Not reported
Nov Number:	Not reported
Pc Number:	Not reported
Receive By:	Not reported
Case Officer:	Not reported
Case Type:	Not reported
Street Address:	Not reported
Pollutant:	Not reported
Impact:	Not reported
Spill Time:	Not reported
Spill Date:	Not reported
Spill Volume:	Not reported
Measure:	Not reported
Volume In Water:	Not reported
Stream Name:	Not reported
Stream Code:	Not reported
Investigation Date:	Not reported
Closure Date:	Not reported
Lab Results:	Not reported
Target Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS SHOPPING CENTER (Continued)**

**S104406942**

Prep Number: Not reported  
Report Date: Not reported  
Report Time: Not reported  
Pollutant Scr: Not reported  
Volume: Not reported  
Volume Esc: Not reported  
Remarks: Not reported  
Future Recommendations: Not reported  
Stream Code: Not reported  
Visit Date: Not reported  
Lab Date: Not reported  
File Close Date: Not reported  
Prep Copy: Not reported  
City: Not reported  
Incident Summary: storm pipe discharge near highway causing flooding and unsafe road conditions  
Inspection Cmnt: Not reported  
Reported: Not reported  
Results: Not reported

**A7 ENVIRONICS USA, INC.**  
**737 WALKER ROAD**  
**< 1/8 GREAT FALLS, VA 22066**  
**0.001 mi.**  
**5 ft. Site 7 of 10 in cluster A**

**MLTS 1011487410**  
**N/A**

**Relative:** MLTS:  
**Equal** License Number: X  
First License Date: 0  
**Actual:** License Date: 0  
**343 ft.** Lic. Expiration Date: 0  
Contact Name: MICHAEL PHILLIPS  
Contact Phone: Not reported  
Institution Code: 23885  
Primary Program: Not reported  
Department: Not reported  
Building: Not reported  
States Allowing Use: Not reported  
License Use: Not reported  
Store Material Use: Not reported  
Redistribution Use: Not reported  
Incinerate Use: Not reported  
Burial Use: Not reported  
Last Inspection Date: 0  
Next Inspection Date: 0  
Inspector Name: Not reported  
Status: Not reported

MAP FINDINGS

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

<b>A8</b> South < 1/8 0.023 mi. 124 ft.	<b>CANNON SEAFOOD OF VA INC</b> 762A WALKER RD GREAT FALLS, VA 22066  Site 8 of 10 in cluster A	<b>UST</b>	<b>U003679415</b> N/A
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<b>Relative:</b> Lower	UST: Facility:	
<b>Actual:</b> 336 ft.	Facility Id: 3007258 CEDS Facility ID: 200000079760 Facility Type: COMMERCIAL UST Status: Not reported AST Status: Not reported Owner ID: 32959 Owner Name: CANNON SEAFOOD OF VA INC Owner Address: 762-A WALKER RD. Owner Address 2: FAIRFAX Owner City,St,Zip: GREAT FALLS, VA 22066 Federally Regulated: Yes	
	Tank Number: R1 Tank Capacity: 2000 Tank Contents: GASOLINE <b>Tank Status: REM FROM GRD</b> Tank Type: UST	

<b>A9</b> WNW < 1/8 0.025 mi. 131 ft.	<b>GREAT FALLS CLEANERS - GREAT FALLS</b> 9900 GEORGETOWN PIKE GREAT FALLS, VA 22066  Site 9 of 10 in cluster A	<b>DRYCLEANERS</b>	<b>S106480418</b> N/A
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<b>Relative:</b> Lower	DRYCLEANERS: DEQ Region: NVRO Registration Number: 73119	
<b>Actual:</b> 340 ft.	SIC: 7216 FIPS: 059 Oper Status: Operating Mailing Address: 9900 Georgetown Pike Mailing City,St,Zip: Great Falls, VA 22066 SI Number: 366 SEQ Description: Not reported Plant Classification: True Minor FAC Inserted Date: 04/05/00 FAC Changed Date: / /	

<b>A10</b> WNW < 1/8 0.025 mi. 131 ft.	<b>GREAT FALLS CLNRS</b> 9900 GEORGETOWN PIKE GREAT FALLS, VA 22066  Site 10 of 10 in cluster A	<b>FINDS</b>	<b>1004791388</b>
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<b>Relative:</b> Lower	FINDS: Other Pertinent Environmental Activity Identified at Site	
<b>Actual:</b> 340 ft.	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	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS CLNRS (Continued)**

**1004791388**

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.

CEDS (Virginia - Comprehensive Environmental Data System) is the Department of Environmental Quality's (DEQ) electronic data system for maintaining databases on sources of pollutants in all media.

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.

**RCRA-CESQG:**

Date form received by agency: 05/27/1998  
Facility name: GREAT FALLS CLNRS  
Facility address: 9900 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
EPA ID: VAR000010892  
Contact: WON PARK  
Contact address: 9900 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
Contact country: US  
Contact telephone: (703) 759-3239  
Contact email: Not reported  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: PARK WON K  
Owner/operator address: 9900 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
Owner/operator country: Not reported  
Owner/operator telephone: (703) 759-3239

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS CLNRS (Continued)**

**1004791388**

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

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
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: Unknown  
Furnace exemption: Unknown  
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  
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

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

Violation Status: No violations found

**B11**  
**SSE**  
**< 1/8**  
**0.035 mi.**  
**183 ft.**

**GREAT FALLS SHELL 139470**  
**9829 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

**UST U003680672**  
**N/A**

**Site 1 of 3 in cluster B**

**Relative:**  
**Lower**

UST:

Facility:

**Actual:**  
**336 ft.**

Facility Id: 3014308  
CEDS Facility ID: 200000074721  
Facility Type: GAS STATION  
UST Status: Reg  
AST Status: Not reported  
Owner ID: 39588  
Owner Name: Motiva Enterprises Limited Liability Corporation  
Owner Address: 520 Allens Ave Bldg 2  
Owner Address 2: Not reported  
Owner City,St,Zip: Providence, RI 02905  
Federally Regulated: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS SHELL 139470 (Continued)**

**U003680672**

Tank Number: 1  
Tank Capacity: 12000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 2  
Tank Capacity: 12000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 3  
Tank Capacity: 12000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 4  
Tank Capacity: 1000  
Tank Contents: USED OIL  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: R1  
Tank Capacity: 8000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R2  
Tank Capacity: 8000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R3  
Tank Capacity: 6000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R4  
Tank Capacity: 550  
Tank Contents: USED OIL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B12**      **SHELL 139470**      **LTANKS**      **S105813257**  
**SSE**      **9829 GEORGETOWN PIKE**           **N/A**  
**< 1/8**      **GREAT FALLS, VA 22066**  
**0.035 mi.**  
**183 ft.**      **Site 2 of 3 in cluster B**

**Relative:**      **LTANKS:**  
**Lower**      CEDS Facility Id:      200000074721  
                  Pollution Complaint #:      20033230  
**Actual:**      Reported:      15-Apr-2003  
**336 ft.**      **Case Status:**      **Closed**

**B13**      **SHELL STATION**      **LUST**      **S103771592**  
**SSE**      **9829 GEORGETOWN PIKE**      **LTANKS**      **N/A**  
**< 1/8**      **FAIRFAX, VA 0**  
**0.035 mi.**  
**183 ft.**      **Site 3 of 3 in cluster B**

**Relative:**      **LUST:**  
**Lower**      region:      NO  
                  Pollution Complaint #:      90-1792  
**Actual:**      Facility ID:      3014308  
**336 ft.**      Release Date:      06/19/1990  
                  Cas Type:      Alternate Water Supply  
                  **Status:**      **Closed**  
                  Closed Date:      7/9/1996  
                  Case Officer:      Bill Von Till  
                  Permit Number:      0  
                  Tank Size:      0  
                  Product:      Not reported  
                  Priority:      1

**LTANKS:**  
 CEDS Facility Id:      200000074721  
 Pollution Complaint #:      19901792  
 Reported:      19-Jun-1990  
**Case Status:**      **Closed**

**C14**      **GREAT FALLS SHOPPING CENTER**      **LUST**      **S104407294**  
**ESE**      **9847 GEORGETOWN PIKE**      **LTANKS**      **N/A**  
**< 1/8**      **FAIRFAX, VA 22066**  
**0.086 mi.**  
**452 ft.**      **Site 1 of 3 in cluster C**

**Relative:**      **LUST:**  
**Lower**      region:      NO  
                  Pollution Complaint #:      98-3642  
**Actual:**      Facility ID:      3900656  
**317 ft.**      Release Date:      12/17/1998  
                  Cas Type:      Article 11  
                  **Status:**      **Closed**  
                  Closed Date:      1/21/1998  
                  Case Officer:      Lewis E. Hilder  
                  Permit Number:      Not reported  
                  Tank Size:      550  
                  Product:      heating oil  
                  Priority:      Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS SHOPPING CENTER (Continued)**

**S104407294**

LTANKS:

CEDS Facility Id: 200000185858  
Pollution Complaint #: 19983642  
Reported: 17-Dec-1998  
**Case Status: Closed**

CEDS Facility Id: 200000185858  
Pollution Complaint #: 19941568  
Reported: 25-May-1994  
**Case Status: Closed**

**C15**  
**ESE**  
**< 1/8**  
**0.086 mi.**  
**452 ft.**

**GREAT FALLS CENTER CLEANERS**  
**9847 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**  
**Site 2 of 3 in cluster C**

**FINDS 1006062788**  
**DRYCLEANERS 110001898910**

**Relative:**  
**Lower**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

**Actual:**  
**317 ft.**

CEDS (Virginia - Comprehensive Environmental Data System) is the Department of Environmental Quality's (DEQ) electronic data system for maintaining databases on sources of pollutants in all media.

DRYCLEANERS:

DEQ Region: NVRO  
Registration Number: 72024  
SIC: 7216  
FIPS: 059  
Oper Status: Permanently Shutdown  
Mailing Address: 9847 Georgetown Pike  
Mailing City,St,Zip: Great Falls, VA 22066  
SI Number: 73  
SEQ Description: DRY-TO-DRY  
Plant Classification: True Minor  
FAC Inserted Date: 12/01/99  
FAC Changed Date: 03/25/05

**C16**  
**ESE**  
**< 1/8**  
**0.086 mi.**  
**457 ft.**

**WHITE STAR CLEANERS INC**  
**9847 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**  
**Site 3 of 3 in cluster C**

**FINDS 1000397619**  
**RCRA-NonGen VAD981041106**

**Relative:**  
**Lower**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

**Actual:**  
**317 ft.**

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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHITE STAR CLEANERS INC (Continued)**

**1000397619**

RCRA-NonGen:

Date form received by agency: 01/06/2003  
Facility name: WHITE STAR CLEANERS INC  
Facility address: 9847 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
EPA ID: VAD981041106  
Mailing address: 3039 GRAHAM RD  
FALLS CHURCH, VA 22042  
Contact: Not reported  
Contact address: Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 03  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME  
Owner/operator address: OPERSTREET  
OPERCITY, AK 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (215) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/0001  
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  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/22/1986  
Facility name: WHITE STAR CLEANERS INC  
Classification: Small Quantity Generator

Date form received by agency: 08/16/1985  
Facility name: WHITE STAR CLEANERS INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHITE STAR CLEANERS INC (Continued)**

**1000397619**

Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/03/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

17  
ESE  
1/8-1/4  
0.135 mi.  
711 ft.

**GREAT FALLS COMMUNITY LIBRARY**  
**9818 GEORGETOWN PIKE**  
**FAIRFAX, VA 0**

**LUST S104406919**  
**LTANKS N/A**

**Relative:**  
**Lower**

**LUST:**  
region: NO  
Pollution Complaint #: 94-0670  
Facility ID: 3901014  
Release Date: 10/20/1993  
Cas Type: Article 9  
**Status: Closed**  
Closed Date: 1/25/1995  
Case Officer: Randy Chapman  
Permit Number: 0  
Tank Size: 0  
Product: Not reported  
Priority: -

**Actual:**  
**312 ft.**

**LTANKS:**  
CEDS Facility Id: 200000186216  
Pollution Complaint #: 19940670  
Reported: 20-Oct-1993  
**Case Status: Closed**

MAP FINDINGS

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

<b>D18</b> <b>NW</b> <b>1/8-1/4</b> <b>0.147 mi.</b> <b>778 ft.</b>	<b>DALE LUMBER</b> <b>721 WALKER RD</b> <b>GREAT FALLS, VA 22066</b>  <b>Site 1 of 3 in cluster D</b>	<b>UST</b>	<b>U003696273</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>350 ft.</b>	<p>UST:</p> <p>Facility:</p> <p>Facility Id: 3017112</p> <p>CEDS Facility ID: 200000078998</p> <p>Facility Type: COMMERCIAL</p> <p>UST Status: Not reported</p> <p>AST Status: Not reported</p> <p>Owner ID: 38671</p> <p>Owner Name: WRNS ASSOCIATES</p> <p>Owner Address: 356 WALKER ROAD</p> <p>Owner Address 2: Not reported</p> <p>Owner City,St,Zip: GREAT FALLS, VA 22066</p> <p>Federally Regulated: Yes</p> <p>Tank Number: R1</p> <p>Tank Capacity: 1000</p> <p>Tank Contents: GASOLINE</p> <p><b>Tank Status: REM FROM GRD</b></p> <p>Tank Type: UST</p>
---	--

<b>19</b> <b>South</b> <b>1/8-1/4</b> <b>0.157 mi.</b> <b>828 ft.</b>	<b>BELL ATLANTIC</b> <b>755 WALKER RD</b> <b>GREAT FALLS, VA 22066</b>	<b>UST</b>	<b>U003917633</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>  <b>Actual:</b> <b>322 ft.</b>	<p>UST:</p> <p>Facility:</p> <p>Facility Id: 3005483</p> <p>CEDS Facility ID: 200000073876</p> <p>Facility Type: UTILITY</p> <p>UST Status: Not reported</p> <p>AST Status: Not reported</p> <p>Owner ID: 31843</p> <p>Owner Name: Verizon Virginia Incorporated</p> <p>Owner Address: 3011 Hungary Spring Rd 2nd Fl</p> <p>Owner Address 2: Not reported</p> <p>Owner City,St,Zip: Richmond, VA 23228</p> <p>Federally Regulated: Yes</p> <p>Tank Number: 1</p> <p>Tank Capacity: 1000</p> <p>Tank Contents: EMERGENCY GENERATOR</p> <p><b>Tank Status: CURR IN USE</b></p> <p>Tank Type: UST</p> <p>Tank Number: R1</p> <p>Tank Capacity: 1500</p> <p>Tank Contents: KEROSENE</p> <p><b>Tank Status: REM FROM GRD</b></p> <p>Tank Type: UST</p>
--	---

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D20  
NW  
1/8-1/4  
0.159 mi.  
839 ft.

GREAT FALLS AUTO SERVICE  
719 WALKER ROAD  
FAIRFAX, VA 0

Site 2 of 3 in cluster D

LUST S105983075  
N/A

Relative:  
Higher

LUST:  
region: NO  
Pollution Complaint #: 91-0890  
Facility ID: 3003880  
Release Date: 12/19/1990  
Cas Type: Article 9  
**Status: Closed**  
Closed Date: 8/30/1994  
Case Officer: Lewis E. Hilder  
Permit Number: 0  
Tank Size: 0  
Product: Not reported  
Priority: -

Actual:  
351 ft.

D21  
NW  
1/8-1/4  
0.159 mi.  
839 ft.

GREAT FALLS AUTO SERVICE  
719 WALKER RD  
GREAT FALLS, VA 22066

Site 3 of 3 in cluster D

FINDS 1004790723  
UST VAD988221768  
LTANKS  
RCRA-CESQG

Relative:  
Higher

FINDS:  
Other Pertinent Environmental Activity Identified at Site

Actual:  
351 ft.

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.

UST:

Facility:

Facility Id: 3003880  
CEDS Facility ID: 200000193621  
Facility Type: GAS STATION  
UST Status: Not reported  
AST Status: Not reported  
Owner ID: 39067  
Owner Name: WALKER ROAD ASSOCIATES LLC  
Owner Address: 3298 WILSON BLVD  
Owner Address 2: Not reported  
Owner City,St,Zip: ARLINGTON, VA 22201  
Federally Regulated: Yes

Tank Number: 1  
Tank Capacity: 4000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS AUTO SERVICE (Continued)**

**1004790723**

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

Tank Number: 3  
Tank Capacity: 4000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: 6  
Tank Capacity: 4000  
Tank Contents: DIESEL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: 7  
Tank Capacity: 500  
Tank Contents: USED OIL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R4  
Tank Capacity: 4000  
Tank Contents: DIESEL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Number: R5  
Tank Capacity: 4000  
Tank Contents: KEROSENE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

**LTANKS:**

CEDS Facility Id: 200000193621  
Pollution Complaint #: 20053045  
Reported: 17-Aug-2004  
**Case Status: Closed**

CEDS Facility Id: 200000193621  
Pollution Complaint #: 19910890  
Reported: 19-Dec-1990  
**Case Status: Closed**

**RCRA-CESQG:**

Date form received by agency: 09/18/1992  
Facility name: GREAT FALLS AUTO SERVICE  
Facility address: 719 WALKER RD  
GREAT FALLS, VA 22066

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS AUTO SERVICE (Continued)**

**1004790723**

EPA ID: VAD988221768  
Contact: CARROLL DAYMUDE  
Contact address: 719 WALKER RD  
GREAT FALLS, VA 22066  
Contact country: US  
Contact telephone: (703) 759-9000  
Contact email: Not reported  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CARROLL A DAYMUDE  
Owner/operator address: RTE 2 BOX 16 DRY MILL ROAD  
LEESBURG, VA 22075  
Owner/operator country: Not reported  
Owner/operator telephone: (703) 338-2700  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
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: Unknown  
Furnace exemption: Unknown  
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  
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREAT FALLS AUTO SERVICE (Continued)**

**1004790723**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-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: D008  
 Waste name: LEAD

Waste code: D018  
 Waste name: BENZENE

Waste code: D039  
 Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

**E22**  
**West**  
**1/8-1/4**  
**0.185 mi.**  
**975 ft.**

**SAM BRYANT**  
**10010 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

**Site 1 of 2 in cluster E**

**LTANKS S104896567**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**350 ft.**

LTANKS:  
 CEDS Facility Id: 200000185225  
 Pollution Complaint #: 19890056  
 Reported: 14-Jul-1988  
 Case Status: **Closed**

**E23**  
**West**  
**1/8-1/4**  
**0.185 mi.**  
**975 ft.**

**SAM BRYANT**  
**10010 GEORGETOWN PIKE**  
**FAIRFAX, VA 22066**

**Site 2 of 2 in cluster E**

**LUST S102385208**  
**SPILLS N/A**

**Relative:**  
**Higher**

**Actual:**  
**350 ft.**

VA Spills:  
 Region: Not reported  
 Facility ID: 8956  
 Fiscal Year: 89  
 PC Number: 56  
 Date Reported: 19880714  
 Incident Region: Northern Regional Office  
 Water Affected: Not reported  
 Spilled Material: Petroleum  
 Summary: above ground home heating oil tank overturned after filling, fuel spilled to ground  
 Amount Spilled: 100.0000  
 Amount to Water: 0.0000  
 Cleaned By: Not reported  
 Personnel: Not reported  
 Project Type: Not reported  
 Release Status: Not reported  
 Tank Type: Not reported  
 Lat/Long: Not reported  
 Facility Status: **Not reported**  
 Date Closed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAM BRYANT (Continued)**

**S102385208**

Company: Not reported  
USGS Quadrangle Map: Not reported  
Date Complaint Received: Not reported  
Responsible Party: Sam Bryant  
Responsible Person: Not reported  
Topographic Quadrangle #: Not reported  
Complete report filed by VWCB: No, complete report not on file  
Recovery letter for investigative cost: Not reported

**SPILLS NO:**

Region: NO  
Id: 28  
Incident Summary: Not reported  
Date In: Not reported  
Date Closed: Not reported  
Pollution Type: KEROSENE  
Responsible Party: Not reported  
**Facility Status: CLOSED**  
Owner: Not reported  
Facility Contact: Not reported  
Facility Permitted: Not reported  
Facility Telephone: Not reported  
Time In: Not reported  
Reported By Name: M. PARKS  
Reported By Telephone: Not reported  
Reported By Affiliation/Addr: Not reported  
Incident Response IR #: Not reported  
Responsible Party Name: Not reported  
Responsible Party Address: Not reported  
Responsible Party City: Not reported  
Responsible Party Zip: Not reported  
Responsible Party Contact: Not reported  
Responsible Party Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Owner Contact: Not reported  
Owner Telephone: Not reported  
Incident Date: Not reported  
Incident Time: Not reported  
Petroleum: Not reported  
Solid Waste: Not reported  
Hazardous Waste: Not reported  
Water: Not reported  
Air: Not reported  
Sewage: Not reported  
Fish Kill: Not reported  
Threat Wetlands: Not reported  
Wetlands: Not reported  
Material Released: Not reported  
Possible Receptors: Not reported  
Quantity Released: Not reported  
Unit Released: Not reported  
Quantity In Water: Not reported  
Receiving Waters: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAM BRYANT (Continued)**

**S102385208**

River Basin:	1A
Inspection Date:	Not reported
Call Date:	Not reported
Inspector:	Not reported
Response Due:	Not reported
Response Received Date:	Not reported
Visit Needed:	Not reported
Open:	Not reported
Air Referral Date:	Not reported
Air Reg/ Permit Number:	Not reported
Waste Referral Date:	Not reported
Epa Id Or Permit Number:	Not reported
Water Referral Date:	Not reported
Water Permit Number:	Not reported
Remediation Referral Date:	Not reported
Remediation Pc Number:	Not reported
Enforcement Referral Date:	Not reported
Nov Number:	Not reported
Pc Number:	Not reported
Receive By:	Not reported
Case Officer:	Not reported
Case Type:	Not reported
Street Address:	Not reported
Pollutant:	Not reported
Impact:	Not reported
Spill Time:	Not reported
Spill Date:	Not reported
Spill Volume:	Not reported
Measure:	Not reported
Volume In Water:	Not reported
Stream Name:	POTOMAC RIVER, TRIB TO
Stream Code:	Not reported
Investigation Date:	Not reported
Closure Date:	Not reported
Lab Results:	Not reported
Target Date:	Not reported
Prep Number:	89-0056
Report Date:	7/14/1988
Report Time:	1500
Pollutant Scr:	TANK GROUND SPILL
Volume:	100
Volume Esc:	Not reported
Remarks:	HOME OIL TANK KEROSENE SPILL IN FAIRFAX, 100 GAL
Future Recommendations:	Not reported
Stream Code:	POT
Visit Date:	Not reported
Lab Date:	Not reported
File Close Date:	Not reported
Prep Copy:	Not reported
City:	GREAT FALLS
Incident Summary:	Not reported
Inspection Cmnt:	Not reported
Reported:	Not reported
Results:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**F24**  
**WNW**  
**1/8-1/4**  
**0.193 mi.**  
**1020 ft.**

**GREAT FALLS FIRE STATION**  
**9916 GEORGETOWN PIKE**  
**FAIRFAX, VA 0**

**LUST** **S104196677**  
**LTANKS** **N/A**

**Site 1 of 2 in cluster F**

**Relative:**  
**Higher**

**LUST:**  
region: NO  
Pollution Complaint #: 95-4091  
Facility ID: 3005532  
Release Date: 10/18/1994  
Cas Type: Article 9  
**Status: Closed**  
Closed Date: 2/22/1995  
Case Officer: Randy Chapman  
Permit Number: 0  
Tank Size: 0  
Product: Not reported  
Priority: -

**Actual:**  
**358 ft.**

**LTANKS:**  
CEDS Facility Id: 200000183633  
Pollution Complaint #: 19954091  
Reported: 18-Oct-1994  
**Case Status: Closed**

**F25**  
**WNW**  
**1/8-1/4**  
**0.193 mi.**  
**1020 ft.**

**GREAT FALLS FIRE CO 12**  
**9916 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

**UST** **U003679081**  
**N/A**

**Site 2 of 2 in cluster F**

**Relative:**  
**Higher**

**UST:**  
Facility:  
Facility Id: 3005332  
CEDS Facility ID: 200000183633  
Facility Type: LOCAL  
UST Status: Not reported  
AST Status: Not reported  
Owner ID: 28457  
Owner Name: Fairfax County Department of Vehicle Services  
Owner Address: 12000 Government Center Pkwy Ste 417  
Owner Address 2: Not reported  
Owner City,St,Zip: Fairfax, VA 22035  
Federally Regulated: Yes

**Actual:**  
**358 ft.**

Tank Number: 1  
Tank Capacity: 4000  
Tank Contents: GASOLINE  
**Tank Status: CURR IN USE**  
Tank Type: UST

Tank Number: 2  
Tank Capacity: 1000  
Tank Contents: DIESEL  
**Tank Status: CURR IN USE**  
Tank Type: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREAT FALLS FIRE CO 12 (Continued)**

**U003679081**

Tank Number: R1  
Tank Capacity: 4000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

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

**G26**  
**NW**  
**1/4-1/2**  
**0.261 mi.**  
**1377 ft.**

**GREAT FALLS ELEMENTARY SCHOOL**  
**701 WALKER RD**  
**GREAT FALLS, VA 22066**

**FINDS 1007996693**  
**LTANKS 110020669953**

**Site 1 of 2 in cluster G**

**Relative:**  
**Higher**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

**Actual:**  
**349 ft.**

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.

CEDS (Virginia - Comprehensive Environmental Data System) is the Department of Environmental Quality's (DEQ) electronic data system for maintaining databases on sources of pollutants in all media.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

**LTANKS:**

**CEDS Facility Id:** 200000077823  
**Pollution Complaint #:** 19910653  
**Reported:** 02-Nov-1991  
**Case Status:** **Closed**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**G27**      **GREAT FALLS ELEMENTARY SCHOOL (FFXC)**  
**NW**        **701 WALKER ROAD**  
**1/4-1/2**    **FAIRFAX, VA 22066**  
**0.261 mi.**  
**1377 ft.**    **Site 2 of 2 in cluster G**

**LUST**    **S105983063**  
**N/A**

**Relative:**      **LUST:**  
**Higher**        region:              NO  
                     Pollution Complaint #: 91-0653  
**Actual:**        Facility ID:          3019349  
**349 ft.**         Release Date:       11/02/1991  
                     Cas Type:           Article 9  
                     **Status:**            **Closed**  
                     Closed Date:        8/23/1994  
                     Case Officer:       Randy Chapman  
                     Permit Number:     0  
                     Tank Size:           0  
                     Product:             Not reported  
                     Priority:              -

**28**            **METZ PROPERTY**  
**East**        **627 PHILLIP DIGGS DRIVE**  
**1/4-1/2**    **FAIRFAX, VA 22066**  
**0.365 mi.**  
**1928 ft.**

**LUST**    **S104407233**  
**LTANKS**   **N/A**

**Relative:**      **LUST:**  
**Lower**        region:              NO  
                     Pollution Complaint #: 97-3220  
**Actual:**        Facility ID:          3900459  
**315 ft.**         Release Date:       06/30/1997  
                     Cas Type:           Article 11  
                     **Status:**            **Closed**  
                     Closed Date:        10/8/1997  
                     Case Officer:       Lewis E. Hilder  
                     Permit Number:     Not reported  
                     Tank Size:           1,000  
                     Product:             heating oil  
                     Priority:              1

**LTANKS:**  
 CEDS Facility Id:    200000185661  
 Pollution Complaint #: 19973220  
 Reported:            30-Jun-1997  
**Case Status:**      **Closed**

**29**            **HERBERT KAREN WILLIAM RESIDENCE**  
**West**        **10112 NEDRA DR**  
**1/4-1/2**    **GREAT FALLS, VA 22066**  
**0.431 mi.**  
**2278 ft.**

**LTANKS**   **S108105908**  
**N/A**

**Relative:**      **LTANKS:**  
**Higher**        CEDS Facility Id:    200000224807  
                     Pollution Complaint #: 20073045  
**Actual:**        Reported:            25-Aug-2006  
**353 ft.**         **Case Status:**      **Closed**

MAP FINDINGS

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

<b>H30</b> South 1/4-1/2 0.440 mi. 2323 ft.	<b>COBB TINA RESIDENCE</b> 827 WALKER RD GREAT FALLS, VA 22066  Site 1 of 2 in cluster H	<b>LTANKS</b>	<b>S106707199</b> N/A
Relative: Lower	LTANKS: CEDS Facility Id: 200000217273 Pollution Complaint #: 20053088		
Actual: 293 ft.	Reported: 05-Oct-2004 <b>Case Status: Closed</b>		

<b>H31</b> South 1/4-1/2 0.440 mi. 2323 ft.	<b>HICKS JOHN RESIDENCE</b> 826 WALKER RD GREAT FALLS, VA 22066  Site 2 of 2 in cluster H	<b>LTANKS</b>	<b>S107472128</b> N/A
Relative: Lower	LTANKS: CEDS Facility Id: 200000222668 Pollution Complaint #: 20063121		
Actual: 293 ft.	Reported: 01-Dec-2005 <b>Case Status: Closed</b>		

<b>32</b> NE 1/4-1/2 0.472 mi. 2493 ft.	<b>BEYER JOHN AND GERALDINE RESIDENCE</b> 600 INNSBRUCK AVE GREAT FALLS, VA 22066	<b>LTANKS</b>	<b>S105174598</b> N/A
Relative: Lower	LTANKS: CEDS Facility Id: 200000205384 Pollution Complaint #: 20023140		
Actual: 289 ft.	Reported: 27-Dec-2001 <b>Case Status: Closed</b>		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GREAT FALLS	1004654941	GREAT FALLS CENTER	HWY 193 & WALKER ROAD	22066	CERC-NFRAP

# 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.

## FEDERAL RECORDS

### NPL: National Priority List

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

Date of Government Version: 04/30/2008	Source: EPA
Date Data Arrived at EDR: 05/06/2008	Telephone: N/A
Date Made Active in Reports: 06/09/2008	Last EDR Contact: 07/28/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/27/2008
	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: 04/30/2008	Source: EPA
Date Data Arrived at EDR: 05/06/2008	Telephone: N/A
Date Made Active in Reports: 06/09/2008	Last EDR Contact: 08/27/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/27/2008
	Data Release Frequency: Quarterly

### DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/30/2008	Source: EPA
Date Data Arrived at EDR: 05/06/2008	Telephone: N/A
Date Made Active in Reports: 06/09/2008	Last EDR Contact: 07/28/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/27/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/18/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/17/2008
	Data Release Frequency: No Update Planned

## CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/09/2008	Source: EPA
Date Data Arrived at EDR: 07/22/2008	Telephone: 703-412-9810
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 07/22/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/15/2008
	Data Release Frequency: Quarterly

## CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 06/17/2008
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/15/2008
	Data Release Frequency: Quarterly

## 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: 08/19/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/29/2008	Telephone: 202-564-6023
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 08/18/2008
Number of Days to Update: 11	Next Scheduled EDR Contact: 11/17/2008
	Data Release Frequency: Varies

## CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/25/2008	Source: EPA
Date Data Arrived at EDR: 06/30/2008	Telephone: 800-424-9346
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 09/02/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/01/2008
	Data Release Frequency: Quarterly

## RCRA-TSDF: RCRA - Transporters, 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2008  
Date Data Arrived at EDR: 08/21/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 19

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 08/21/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

## 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: 08/20/2008  
Date Data Arrived at EDR: 08/21/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 19

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 08/21/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 08/20/2008  
Date Data Arrived at EDR: 08/21/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 19

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 08/21/2008  
Next Scheduled EDR Contact: 11/17/2008  
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: 08/20/2008  
Date Data Arrived at EDR: 08/21/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 19

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 08/21/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

## RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 08/20/2008  
Date Data Arrived at EDR: 08/21/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 19

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 08/21/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/23/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2008	Telephone: 703-603-0695
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 06/30/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/29/2008
	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: 07/23/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2008	Telephone: 703-603-0695
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 06/30/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/29/2008
	Data Release Frequency: Varies

## ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 07/25/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/20/2008
	Data Release Frequency: Annually

## HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/30/2008	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/15/2008	Telephone: 202-366-4555
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 07/15/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/13/2008
	Data Release Frequency: Annually

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 08/29/2008
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/24/2008
	Data Release Frequency: Varies

## 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 06/27/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Quarterly

### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 08/25/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 07/15/2008  
Next Scheduled EDR Contact: 10/13/2008  
Data Release Frequency: Semi-Annually

### 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: 703-692-8801  
Last EDR Contact: 08/08/2008  
Next Scheduled EDR Contact: 11/03/2008  
Data Release Frequency: Semi-Annually

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 08/31/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 09/05/2008  
Next Scheduled EDR Contact: 09/29/2008  
Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 09/09/2008  
Next Scheduled EDR Contact: 12/08/2008  
Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/25/2008  
Date Data Arrived at EDR: 06/12/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 07/21/2008  
Next Scheduled EDR Contact: 10/20/2008  
Data Release Frequency: Varies

## 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: 06/18/2008  
Date Data Arrived at EDR: 07/11/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 45

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 06/30/2008  
Next Scheduled EDR Contact: 09/29/2008  
Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 06/16/2008  
Next Scheduled EDR Contact: 09/15/2008  
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: 03/25/2008  
Date Data Arrived at EDR: 04/17/2008  
Date Made Active in Reports: 05/15/2008  
Number of Days to Update: 28

Source: EPA, Region 9  
Telephone: 415-972-3336  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Varies

## 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: 05/28/2008  
Date Data Arrived at EDR: 06/25/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 06/25/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Semi-Annually

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 06/16/2008  
Next Scheduled EDR Contact: 09/15/2008  
Data Release Frequency: Annually

## 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: 12/31/2002  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 46

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 08/11/2008  
Next Scheduled EDR Contact: 10/13/2008  
Data Release Frequency: Every 4 Years

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: 07/12/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 38

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 06/16/2008  
Next Scheduled EDR Contact: 09/15/2008  
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: 07/12/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 38

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 06/16/2008  
Next Scheduled EDR Contact: 09/15/2008  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## 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: 12/31/2006  
Date Data Arrived at EDR: 03/14/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/14/2008  
Next Scheduled EDR Contact: 10/13/2008  
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: 07/31/2008  
Date Data Arrived at EDR: 08/13/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 07/14/2008  
Next Scheduled EDR Contact: 10/13/2008  
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: 12/04/2007  
Date Data Arrived at EDR: 02/07/2008  
Date Made Active in Reports: 03/17/2008  
Number of Days to Update: 39

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 08/07/2008  
Next Scheduled EDR Contact: 11/03/2008  
Data Release Frequency: Annually

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/08/2008  
Date Data Arrived at EDR: 08/05/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 20

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 06/30/2008  
Next Scheduled EDR Contact: 09/29/2008  
Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

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

Date of Government Version: 07/29/2008  
Date Data Arrived at EDR: 07/31/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 07/31/2008  
Next Scheduled EDR Contact: 10/27/2008  
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: 07/01/2008	Source: EPA
Date Data Arrived at EDR: 07/09/2008	Telephone: (215) 814-5000
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 06/30/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/29/2008
	Data Release Frequency: Quarterly

## 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

## 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: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 09/12/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 12/08/2008
	Data Release Frequency: Biennially

## SCRD DRYCLEANERS: State Coalition for Redediation 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: 05/14/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/28/2008	Telephone: 615-532-8599
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 08/25/2008
Number of Days to Update: 89	Next Scheduled EDR Contact: 11/10/2008
	Data Release Frequency: Varies

## STATE AND LOCAL RECORDS

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

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

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: N/A	Telephone: 804-698-4236
Date Made Active in Reports: N/A	Last EDR Contact: 07/14/2008
Number of Days to Update: N/A	Next Scheduled EDR Contact: 10/13/2008
	Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/20/2008  
Date Data Arrived at EDR: 08/21/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 804-698-4238  
Last EDR Contact: 06/30/2008  
Next Scheduled EDR Contact: 09/29/2008  
Data Release Frequency: Quarterly

## LUST REG TD: Leaking Underground Storage Tank Sites

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

Date of Government Version: 07/10/2008  
Date Data Arrived at EDR: 07/11/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 24

Source: Department of Environmental Quality Tidewater Regional Office  
Telephone: 757-518-2198  
Last EDR Contact: 07/09/2008  
Next Scheduled EDR Contact: 09/22/2008  
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: 08/26/2008  
Date Data Arrived at EDR: 08/27/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 9

Source: Department of Environmental Quality Southwest Regional Office  
Telephone: 276-676-4800  
Last EDR Contact: 08/04/2008  
Next Scheduled EDR Contact: 11/03/2008  
Data Release Frequency: No Update Planned

## LUST REG SC: Leaking Underground Storage Tanks

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

Date of Government Version: 06/25/2008  
Date Data Arrived at EDR: 06/25/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 40

Source: Department of Environmental Quality, South Central Region  
Telephone: 434-582-5120  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Semi-Annually

## 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: 06/25/2008  
Date Data Arrived at EDR: 06/25/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 40

Source: Department of Environmental Quality Piedmont Regional Office  
Telephone: 804-527-5020  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Quarterly

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/25/2008  
Date Data Arrived at EDR: 07/29/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 6

Source: Department of Environmental Quality Valley Regional Office  
Telephone: 540-574-7800  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
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: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: No Update Planned

## LUST REG WC: Leaking Underground Storage Tank List

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

Date of Government Version: 07/09/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 17

Source: Department of Environmental Quality West Central Regional Office  
Telephone: 540-562-6700  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: No Update Planned

## LTANKS: Leaking Petroleum Storage Tanks

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

Date of Government Version: 06/04/2008  
Date Data Arrived at EDR: 06/25/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 40

Source: Department of Environmental Quality  
Telephone: Please call the  
Last EDR Contact: 06/25/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Quarterly

## 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: 06/04/2008  
Date Data Arrived at EDR: 06/25/2008  
Date Made Active in Reports: 07/25/2008  
Number of Days to Update: 30

Source: Department of Environmental Quality  
Telephone: 804-527-5249  
Last EDR Contact: 06/25/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Semi-Annually

## AST: Registered Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 06/04/2008  
Date Data Arrived at EDR: 06/25/2008  
Date Made Active in Reports: 07/25/2008  
Number of Days to Update: 30

Source: Department of Environmental Quality  
Telephone: 804-698-4317  
Last EDR Contact: 06/25/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Semi-Annually

## SPILLS: 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 804-698-4297  
Last EDR Contact: 09/25/1996  
Next Scheduled EDR Contact: N/A  
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: 07/02/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 17

Source: Department of Environmental Quality, Northern Region  
Telephone: 703-583-3864  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: No Update Planned

## SPILLS PD: PREP Database

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

Date of Government Version: 04/25/2002  
Date Data Arrived at EDR: 05/01/2002  
Date Made Active in Reports: 05/31/2002  
Number of Days to Update: 30

Source: Department of Environmental Quality, Piedmont Region  
Telephone: 804-527-5020  
Last EDR Contact: 08/25/2008  
Next Scheduled EDR Contact: 11/24/2008  
Data Release Frequency: Quarterly

## SPILLS TD: PREP Database

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

Date of Government Version: 07/18/2008  
Date Data Arrived at EDR: 07/31/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 36

Source: Department of Environmental Quality, Tidewater Region  
Telephone: 757-518-2177  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
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.

Date of Government Version: 06/30/2008  
Date Data Arrived at EDR: 07/29/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 6

Source: Department of Environmental Quality, Valley Regional Office  
Telephone: 540-574-7800  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
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: 07/09/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 17

Source: Department of Environmental Quality, West Central Region  
Telephone: 540-562-6700  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: No Update Planned

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/26/2008  
Date Data Arrived at EDR: 08/27/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 9

Source: Department of Environmental Quality, Southwest Region  
Telephone: 276-676-4839  
Last EDR Contact: 08/04/2008  
Next Scheduled EDR Contact: 11/03/2008  
Data Release Frequency: No Update Planned

## 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: 08/12/2008  
Date Data Arrived at EDR: 08/13/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 23

Source: Department of Environmental Quality  
Telephone: 804-698-4228  
Last EDR Contact: 08/13/2008  
Next Scheduled EDR Contact: 10/20/2008  
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: 08/12/2008  
Date Data Arrived at EDR: 08/13/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 23

Source: Department of Environmental Quality  
Telephone: 804-698-4228  
Last EDR Contact: 08/13/2008  
Next Scheduled EDR Contact: 10/20/2008  
Data Release Frequency: Quarterly

## 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: 08/12/2008  
Date Data Arrived at EDR: 08/13/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 23

Source: Department of Environmental Quality  
Telephone: 804-698-4228  
Last EDR Contact: 08/13/2008  
Next Scheduled EDR Contact: 10/20/2008  
Data Release Frequency: Quarterly

## DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 01/31/2008  
Date Data Arrived at EDR: 02/01/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 13

Source: Department of Environmental Quality  
Telephone: 804-698-4407  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Varies

## BROWNFIELDS: Brownfields Site Specific Assessments

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

Date of Government Version: 09/03/2008  
Date Data Arrived at EDR: 09/04/2008  
Date Made Active in Reports: 09/05/2008  
Number of Days to Update: 1

Source: Department of Environmental Quality  
Telephone: 804-698-4207  
Last EDR Contact: 09/03/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**ENFORCEMENT:** Enforcement Actions Data  
A listing of enforcement actions.

Date of Government Version: 06/30/2008  
Date Data Arrived at EDR: 07/09/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 26

Source: Department of Environmental Quality  
Telephone: 804-698-4031  
Last EDR Contact: 06/30/2008  
Next Scheduled EDR Contact: 09/29/2008  
Data Release Frequency: Varies

**CEDS:** Comprehensive Environmental Data System

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

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/03/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 32

Source: Department of Environmental Quality  
Telephone: 804-698-4077  
Last EDR Contact: 06/30/2008  
Next Scheduled EDR Contact: 09/29/2008  
Data Release Frequency: Semi-Annually

**AIRS:** Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/03/2008  
Date Made Active in Reports: 08/04/2008  
Number of Days to Update: 32

Source: Department of Environmental Quality  
Telephone: 804-698-4000  
Last EDR Contact: 06/23/2008  
Next Scheduled EDR Contact: 09/22/2008  
Data Release Frequency: Varies

## **TRIBAL RECORDS**

**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: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 08/08/2008  
Next Scheduled EDR Contact: 11/03/2008  
Data Release Frequency: Semi-Annually

**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: 08/25/2008  
Next Scheduled EDR Contact: 11/24/2008  
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: 03/17/2008  
Date Data Arrived at EDR: 03/27/2008  
Date Made Active in Reports: 05/06/2008  
Number of Days to Update: 40

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/21/2008  
Date Data Arrived at EDR: 09/04/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 5

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

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

Date of Government Version: 07/11/2008  
Date Data Arrived at EDR: 07/11/2008  
Date Made Active in Reports: 08/08/2008  
Number of Days to Update: 28

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

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

Date of Government Version: 08/22/2008  
Date Data Arrived at EDR: 08/22/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 18

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

**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: 03/12/2008  
Date Data Arrived at EDR: 03/14/2008  
Date Made Active in Reports: 03/20/2008  
Number of Days to Update: 6

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
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: 03/17/2008  
Date Data Arrived at EDR: 03/27/2008  
Date Made Active in Reports: 05/06/2008  
Number of Days to Update: 40

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Semi-Annually

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

Date of Government Version: 06/16/2008  
Date Data Arrived at EDR: 06/16/2008  
Date Made Active in Reports: 08/08/2008  
Number of Days to Update: 53

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

**INDIAN UST R10: Underground Storage Tanks on Indian Land**  
No description is available for this data

Date of Government Version: 08/22/2008  
Date Data Arrived at EDR: 08/22/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 18

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

No description is available for this data

Date of Government Version: 07/11/2008  
Date Data Arrived at EDR: 07/11/2008  
Date Made Active in Reports: 08/08/2008  
Number of Days to Update: 28

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

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

No description is available for this data

Date of Government Version: 06/01/2007  
Date Data Arrived at EDR: 06/14/2007  
Date Made Active in Reports: 07/05/2007  
Number of Days to Update: 21

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

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

No description is available for this data

Date of Government Version: 06/16/2008  
Date Data Arrived at EDR: 06/16/2008  
Date Made Active in Reports: 08/08/2008  
Number of Days to Update: 53

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/21/2007  
Date Data Arrived at EDR: 12/21/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 34

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

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

No description is available for this data

Date of Government Version: 03/17/2008  
Date Data Arrived at EDR: 03/27/2008  
Date Made Active in Reports: 05/06/2008  
Number of Days to Update: 40

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Semi-Annually

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

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008  
Date Data Arrived at EDR: 03/14/2008  
Date Made Active in Reports: 03/20/2008  
Number of Days to Update: 6

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Varies

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

No description is available for this data

Date of Government Version: 08/21/2008  
Date Data Arrived at EDR: 09/04/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 5

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 08/18/2008  
Next Scheduled EDR Contact: 11/17/2008  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/21/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/20/2008
	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: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/21/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/20/2008
	Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

### EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

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

### EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 09/12/2008
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/08/2008
	Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/04/2007	Telephone: N/A
Date Made Active in Reports: 12/31/2007	Last EDR Contact: 08/08/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/03/2008
	Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 07/23/2008	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/28/2008	Telephone: 518-402-8651
Date Made Active in Reports: 09/11/2008	Last EDR Contact: 08/28/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/24/2008
	Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/21/2007	Telephone: N/A
Date Made Active in Reports: 01/10/2008	Last EDR Contact: 09/08/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/08/2008
	Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2007	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/03/2008	Telephone: 401-222-2797
Date Made Active in Reports: 08/07/2008	Last EDR Contact: 06/16/2008
Number of Days to Update: 65	Next Scheduled EDR Contact: 09/15/2008
	Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/22/2008	Telephone: N/A
Date Made Active in Reports: 09/08/2008	Last EDR Contact: 08/22/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/06/2008
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 804-692-1900

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

### Virginia Public Water Supplies

Source: Department of Health, Office of Water Programs

Telephone: 804-786-1756

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

LIMOUEE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

### TARGET PROPERTY COORDINATES

Latitude (North):	38.99810 - 38° 59' 53.2"
Longitude (West):	77.2884 - 77° 17' 18.2"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	301822.0
UTM Y (Meters):	4318849.0
Elevation:	343 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	38077-H3 VIENNA, VA
Most Recent Revision:	1994

North Map:	39077-A3 SENECA, MD
Most Recent Revision:	1994

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).

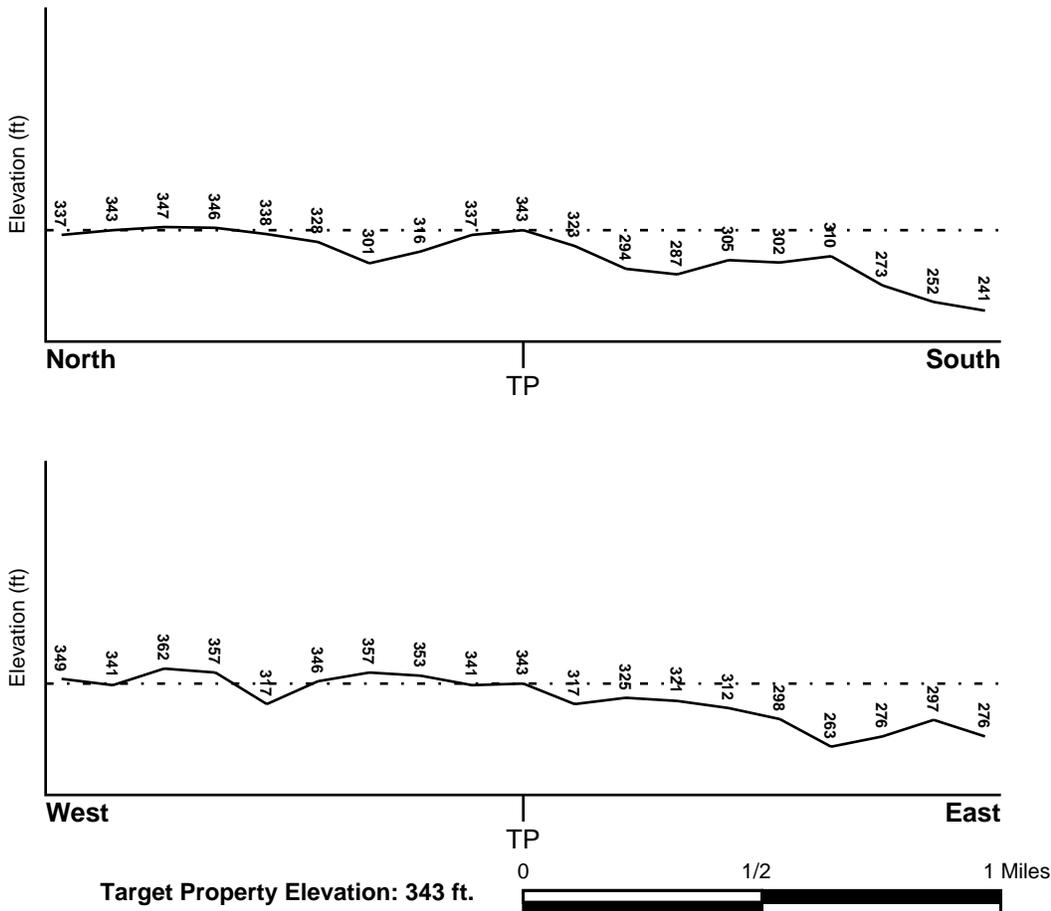
## TOPOGRAPHIC INFORMATION

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 SE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
FAIRFAX, VA	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

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

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

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

#### GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

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 subordinator 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>
No Wells Found		

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

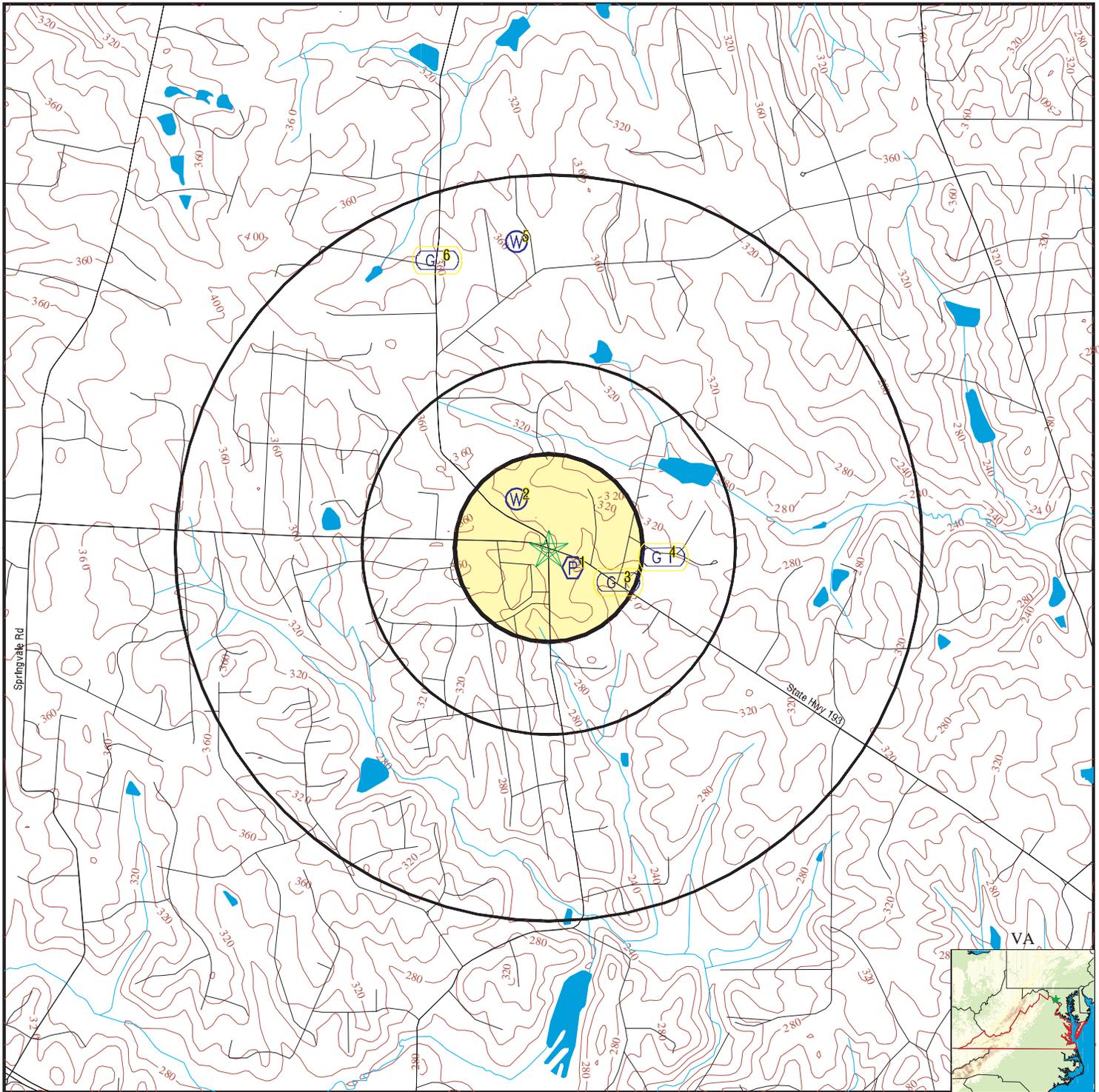
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	VA6059532	0 - 1/8 Mile SE

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

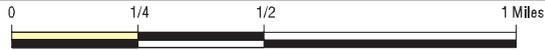
## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	VA2000000003923	1/8 - 1/4 Mile NNW
5	VA2000000003937	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 02317212.248r



- 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



SITE NAME: LIMOUÉE ASSOCIATES INC  
 ADDRESS: 9901 GEORGETOWN PIKE  
 GREAT FALLS VA 22066  
 LAT/LONG: 38.9981 / 77.2884

CLIENT: Groundwater & Env. Svcs. LLC  
 CONTACT: Kirsteen Toro  
 INQUIRY #: 02317212.248r  
 DATE: September 15, 2008 8:49 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>1</b>		
<b>SE</b>		
<b>0 - 1/8 Mile</b>	<b>FRDS PWS</b>	<b>VA6059532</b>
<b>Lower</b>		

PWS ID: VA6059532      PWS Status: Active  
 Date Initiated: 8212      Date Deactivated: Not Reported  
 PWS Name: GRANGE-FAIRFAX PARK AUTH  
 9818 GEORGETOWN PIKE  
 GREAT FALLS, VA 22066

Addressee / Facility: System Owner/Responsible Party  
 FAIRFAX PARK AUTH  
 3701 PENDER DR  
 FAIRFAX, VA 22030

Addressee / Facility: System Owner/Responsible Party  
 GRANGE  
 9818 GEORGETOWN PIKE  
 GREAT FALLS, VA 22066

Facility Latitude: 38 59 50      Facility Longitude: 077 17 15  
 City Served: FAIRFAX  
 Treatment Class: Untreated      Population: 00000040

Violations information not reported.

**ENFORCEMENT INFORMATION:**

Truedate:	03/31/2008	Pwsid:	VA6059532
Pwsname:	GRANGE-FAIRFAX PARK AUTH		
Retpopsrvd:	40	Pwstypecod:	NC
Void:	1007	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	7/1/2006 0:00:00		
Complperen:	9/30/2006 0:00:00	Enfdate:	3/9/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	VA6059532
Pwsname:	GRANGE-FAIRFAX PARK AUTH		
Retpopsrvd:	40	Pwstypecod:	NC
Void:	1007	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	7/1/2006 0:00:00		
Complperen:	9/30/2006 0:00:00	Enfdate:	1/31/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	VA6059532
Pwsname:	GRANGE-FAIRFAX PARK AUTH		
Retpopsrvd:	40	Pwstypecod:	NC
Void:	1007	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	7/1/2006 0:00:00		
Complperen:	9/30/2006 0:00:00	Enfdate:	3/9/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 104 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2003 0:00:00  
 Complperen: 9/30/2003 0:00:00 Enfdate: 11/5/2003 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 104 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2003 0:00:00  
 Complperen: 9/30/2003 0:00:00 Enfdate: 11/5/2003 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 104 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2003 0:00:00  
 Complperen: 9/30/2003 0:00:00 Enfdate: 3/26/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 1208 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2007 0:00:00  
 Complperen: 12/31/2007 0:00:00 Enfdate: 1/29/2008 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 1208 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2007 0:00:00  
 Complperen: 12/31/2007 0:00:00 Enfdate: 1/29/2008 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 204 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2003 0:00:00  
 Complperen: 12/31/2003 0:00:00 Enfdate: 3/15/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 204 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2003 0:00:00  
 Complperen: 12/31/2003 0:00:00 Enfdate: 3/15/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 204 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2003 0:00:00  
 Complperen: 12/31/2003 0:00:00 Enfdate: 3/26/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 304 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 4/1/2004 0:00:00  
 Complperen: 6/30/2004 0:00:00 Enfdate: 1/6/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 304 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 4/1/2004 0:00:00  
 Complperen: 6/30/2004 0:00:00 Enfdate: 8/11/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 304 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 4/1/2004 0:00:00  
 Complperen: 6/30/2004 0:00:00 Enfdate: 8/11/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 405 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2004 0:00:00  
 Complperen: 9/30/2004 0:00:00 Enfdate: 1/6/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 405 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2004 0:00:00  
 Complperen: 9/30/2004 0:00:00 Enfdate: 1/19/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 405 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2004 0:00:00  
 Complperen: 9/30/2004 0:00:00 Enfdate: 12/1/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 405 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2004 0:00:00  
 Complperen: 9/30/2004 0:00:00 Enfdate: 12/1/2004 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 505 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 1/6/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 505 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 2/1/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 505 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 2/1/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 606 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2005 0:00:00  
 Complperen: 9/30/2005 0:00:00 Enfdate: 1/31/2007 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 606 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2005 0:00:00  
 Complperen: 9/30/2005 0:00:00 Enfdate: 11/10/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 606 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 7/1/2005 0:00:00  
 Complperen: 9/30/2005 0:00:00 Enfdate: 11/10/2005 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 706 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2005 0:00:00  
 Complperen: 12/31/2005 0:00:00 Enfdate: 1/31/2007 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 706 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2005 0:00:00  
 Complperen: 12/31/2005 0:00:00 Enfdate: 2/14/2006 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 706 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2005 0:00:00  
 Complperen: 12/31/2005 0:00:00 Enfdate: 2/14/2006 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 806 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 4/1/2006 0:00:00  
 Complperen: 6/30/2006 0:00:00 Enfdate: 1/31/2007 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 806 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 4/1/2006 0:00:00  
 Complperen: 6/30/2006 0:00:00 Enfdate: 8/18/2006 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 806 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 4/1/2006 0:00:00  
 Complperen: 6/30/2006 0:00:00 Enfdate: 8/18/2006 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 907 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 1/31/2007 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 907 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 1/31/2007 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

Truedate: 03/31/2008 Pwsid: VA6059532  
 Pwsname: GRANGE-FAIRFAX PARK AUTH  
 Retpopsrvd: 40 Pwstypecod: NC  
 Void: 907 Contaminant: COLIFORM (TCR)  
 Viol. Type: Monitoring, Routine Major (TCR)  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 1/31/2007 0:00:00  
 Enf action: Not Reported  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### ENFORCEMENT INFORMATION:

System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	104		
Enforcement Date:	11/5/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	104		
Enforcement Date:	11/5/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	104		
Enforcement Date:	3/26/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	104		
Enforcement Date:	11/5/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	104		
Enforcement Date:	11/5/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	104		
Enforcement Date:	3/26/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	204		
Enforcement Date:	3/15/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	204		
Enforcement Date:	3/15/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	204		
Enforcement Date:	3/15/2004 0:00:00	Enf. Action:	State Formal NOV Issued

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### ENFORCEMENT INFORMATION:

System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	204		
Enforcement Date:	3/15/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	204		
Enforcement Date:	3/26/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	204		
Enforcement Date:	3/26/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	304		
Enforcement Date:	8/11/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	304		
Enforcement Date:	1/6/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	304		
Enforcement Date:	8/11/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	304		
Enforcement Date:	8/11/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	304		
Enforcement Date:	8/11/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	304		
Enforcement Date:	1/6/2005 0:00:00	Enf. Action:	State Compliance Achieved

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	1/19/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	1/6/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	12/1/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	12/1/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	1/19/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	12/1/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	1/6/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2004 0:00:00 - 9/30/2004 0:00:00		
Violation ID:	405		
Enforcement Date:	12/1/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	505		
Enforcement Date:	1/6/2005 0:00:00	Enf. Action:	State Compliance Achieved

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	505		
Enforcement Date:	2/1/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	505		
Enforcement Date:	2/1/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	505		
Enforcement Date:	2/1/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	505		
Enforcement Date:	2/1/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	505		
Enforcement Date:	1/6/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	606		
Enforcement Date:	11/10/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	606		
Enforcement Date:	11/10/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	606		
Enforcement Date:	11/10/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	606		
Enforcement Date:	11/10/2005 0:00:00	Enf. Action:	State Public Notif Requested

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	706		
Enforcement Date:	2/14/2006 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	706		
Enforcement Date:	2/14/2006 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	706		
Enforcement Date:	2/14/2006 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	706		
Enforcement Date:	2/14/2006 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2006 0:00:00 - 6/30/2006 0:00:00		
Violation ID:	806		
Enforcement Date:	8/18/2006 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2006 0:00:00 - 6/30/2006 0:00:00		
Violation ID:	806		
Enforcement Date:	8/18/2006 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GRANGE-FAIRFAX PARK AUTH		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2006 0:00:00 - 12/31/2006 0:00:00		
Violation ID:	907		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported

**CONTACT INFORMATION:**

Name:	GRANGE-FAIRFAX PARK AUTH	Population:	40
Contact:	TAYLOR, GAIL	Phone:	703-750-1598
Address:	12055 GOVERNMENT CENTER PKWY, SUITE 927 FAIRFAX, VA 22035		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**2**  
**NNW**  
**1/8 - 1/4 Mile**  
**Lower**      **VA WELLS**      **VA2000000003923**

Tinwsf is :	2654563		
Pwsid:	6059532		
External s:	4099		
Sysname:	GRANGE-FAIRFAX PARK AUTH	Name:	DRILLED WELL
Cnycty:	FAIRFAX COUNTY	Type code:	WL
D fed prim:	GW	D pws fed :	NC
Lat long r:	NAD 83		
Latitude d:	39		
Longitude :	-77.29		
D populati:	40		
Total dsgn:	550		
Avg daily :	0		
Site id:	VA2000000003923		

**3**  
**ESE**  
**1/8 - 1/4 Mile**  
**Lower**      **AQUIFLOW**      **72466**

Site ID:	3014308		
Groundwater Flow:	Not Reported		
Shallowest Water Table Depth:	30.05		
Deepest Water Table Depth:	33.89		
Average Water Table Depth:	Not Reported		
Date:	07/12/1992		

**4**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**      **AQUIFLOW**      **72657**

Site ID:	Not Reported		
Groundwater Flow:	Not Reported		
Shallowest Water Table Depth:	Not Reported		
Deepest Water Table Depth:	Not Reported		
Average Water Table Depth:	22.85		
Date:	09/19/1997		

**5**  
**North**  
**1/2 - 1 Mile**  
**Higher**      **VA WELLS**      **VA2000000003937**

Tinwsf is :	2654717		
Pwsid:	6059684		
External s:	4140		
Sysname:	RIVERBEND GOLF-BACK NINE	Name:	BACK 9 REST AREA
Cnycty:	FAIRFAX COUNTY	Type code:	WL
D fed prim:	GW	D pws fed :	NC
Lat long r:	NAD 83		
Latitude d:	39.01		
Longitude :	-77.29		
D populati:	110		
Total dsgn:	0		
Avg daily :	0		
Site id:	VA2000000003937		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 22066

Number of sites tested: 1136.

Maximum Radon Level: 79.9 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
601 (52.90%)	412 (36.27%)	84 (7.39%)	33 (2.90%)	6 (0.53%)	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.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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

### RADON

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

#### EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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Fax To: Groundwater & Env. Svcs. LLC  
Contact: Kirsteen Toro  
Fax : 978-392-8583  
Date: 09/15/2008

Fax From: Pat Kennedy  
EDR  
Phone: 1-800-352-0050

---

## EDR PUR-IQ<sup>®</sup> Report

*"the intelligent way to conduct historical research"*

for  
**LIMOUEE ASSOCIATES INC**  
**9901 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**  
**Lat./Long. 38.99810 / 77.28840**  
**EDR Inquiry # 02317212.248r**

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports<sup>®</sup> comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

**Potential for EDR Historical (Prior Use) Coverage** - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

- 1. City Directory:** Coverage may exist for portions of Fairfax County, VA.
- 2. Fire Insurance Map:** When you order online any EDR Package or the EDR Radius Map with EDR Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.
- 3. Aerial Photograph:** Coverage exists for portions of Fairfax County for 1970, 1980, 1960, 1990 Shipping time 3-5 business days.
- 4. Topographic Map:** The USGS 7.5 min. quad topo sheet(s) associated with this site:  
Historical: Coverage exists for FAIRFAX County  
Current: Target Property: TP | 1994 | 38077-H3 Vienna, VA  
Additional required for 1 Mile radius: N | 1994 | 39077-A3 Seneca, MD

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs and historical topographic map resources available for GREAT FALLS, VA. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.



**EDR™** Environmental  
Data Resources Inc

## EDR - HISTORICAL SOURCE(S) ORDER FORM

Groundwater & Env. Svcs. LLC  
Kirsteen Toro  
Account # 1311867

LIMOUÉE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066  
FAIRFAX County  
Lat./Long. 38.99810 / 77.28840  
EDR Inquiry # 02317212.248r

Should you wish to change or add to your order, fax this form to your EDR account executive:

**Pat Kennedy**  
**Ph: 1-800-352-0050 Fax: 1-800-231-6802**

### Reports

- EDR Sanborn Map® Search/Print
- EDR Fire Insurance Map Abstract
- EDR Multi-Tenant Retail Facility® Report
- EDR City Directory Abstract
- EDR Aerial Photo Decade Package
- USGS Aerial 5 Package
- USGS Aerial 3 Package
- EDR Historical Topographic Maps
- Paper Current USGS Topo (7.5 min.)
- Environmental Lien Search
- Chain of Title Search
- NJ MacRaes Industrial Directory Report
- EDR Telephone Interview

### **Shipping:**

- Email
- Express, Next Day Delivery
- Express, Second Day Delivery
- Express, Next day Delivery
- Express, Second Day Delivery
- U.S. Mail

Customer Account  
Customer Account

RUSH SERVICE IS AVAILABLE

Acct # \_\_\_\_\_  
Acct # \_\_\_\_\_

***Thank you***

**ATTACHMENT D**

**HISTORICAL USE**

**DATABASE REPORTS AND DOCUMENTATION**

**THE EDR AERIAL PHOTO DECADE PACKAGE REPORT**



**LIMOUEE ASSOCIATES INC**

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

Inquiry Number: 2317212.251

September 15, 2008

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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

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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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**Date EDR Searched Historical Sources:**

Aerial Photography September 15, 2008

**Target Property:**

9901 GEORGETOWN PIKE

GREAT FALLS, VA 22066

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=500'	Panel #: 2438077-H3/Flight Date: April 19, 1937	EDR
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 2438077-H3/Flight Date: February 10, 1954	EDR
1962	Aerial Photograph. Scale: 1"=500'	Panel #: 2438077-H3/Flight Date: May 25, 1962	EDR
1970	Aerial Photograph. Scale: 1"=500'	Panel #: 2438077-H3/Flight Date: July 17, 1970	EDR
1980	Aerial Photograph. Scale: 1"=750'	Panel #: 2438077-H3/Flight Date: August 24, 1980	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 2438077-H3/Flight Date: April 20, 1988	EDR
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR



**INQUIRY #:** 2317212.251

**YEAR:** 1937

| = 500'





**INQUIRY #:** 2317212.251

**YEAR:** 1954

| = 500'





**INQUIRY #:** 2317212.251

**YEAR:** 1962

| = 500'





**INQUIRY #:** 2317212.251

**YEAR:** 1970

| = 500'





**INQUIRY #:** 2317212.251

**YEAR:** 1980

| = 750'





**INQUIRY #:** 2317212.251

**YEAR:** 1988

| = 750'





**INQUIRY #:** 2317212.251

**YEAR:** 2005

 = 484'



**EDR SANBORN MAP REPORT**



**LIMOUUE ASSOCIATES INC**

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

Inquiry Number: 2317212.249

September 12, 2008

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

9/12/08

**Site Name:**

LIMOUEE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

**Client Name:**

Groundwater & Env. Svcs. LLC  
364 Littleton Road  
Westford, MA 01886

EDR Inquiry # 2317212.249

Contact: Kirsteen Toro



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Groundwater & Env. Svcs. LLC were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** LIMOUEE ASSOCIATES INC  
**Address:** 9901 GEORGETOWN PIKE  
**City, State, Zip:** GREAT FALLS, VA 22066  
**Cross Street:**  
**P.O. #** 018808  
**Project:** 26140  
**Certification #** 8E97-425E-92AD



Sanborn® Library search results  
Certification # 8E97-425E-92AD

## UNMAPPED PROPERTY

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

Total Maps: 0

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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**EDR HISTORICAL TOPOGRAPHIC MAP REPORT**



**LIMOUEE ASSOCIATES INC**

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

Inquiry Number: 2317212.250

September 15, 2008

# The EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: MOUNT VERNON MAP YEAR: 1894	<b>SITE NAME:</b> LIMOUEE ASSOCIATES INC <b>ADDRESS:</b> 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 <b>LAT/LONG:</b> 38.9981 / 77.2884	<b>CLIENT:</b> Groundwater & Env. Svcs. LLC <b>CONTACT:</b> Kirsteen Toro <b>INQUIRY#:</b> 2317212.250 <b>RESEARCH DATE:</b> 09/15/2008
	SERIES: 30 SCALE: 1:125000		

# Historical Topographic Map



	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: FAIR FAX	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1915		GREAT FALLS, VA 22066	INQUIRY#:	2317212.250
		LAT/LONG:	38.9981 / 77.2884	RESEARCH DATE:	09/15/2008
	SERIES: 15				
	SCALE: 1:62500				

# Historical Topographic Map



	TARGET QUAD NAME: FAIRFAX MAP YEAR: 1944	SITE NAME: LIMOUEE ASSOCIATES INC ADDRESS: 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 LAT/LONG: 38.9981 / 77.2884	CLIENT: Groundwater & Env. Svcs. LLC CONTACT: Kirsteen Toro INQUIRY#: 2317212.250 RESEARCH DATE: 09/15/2008
	SERIES: 15 SCALE: 1:50000		

# Historical Topographic Map



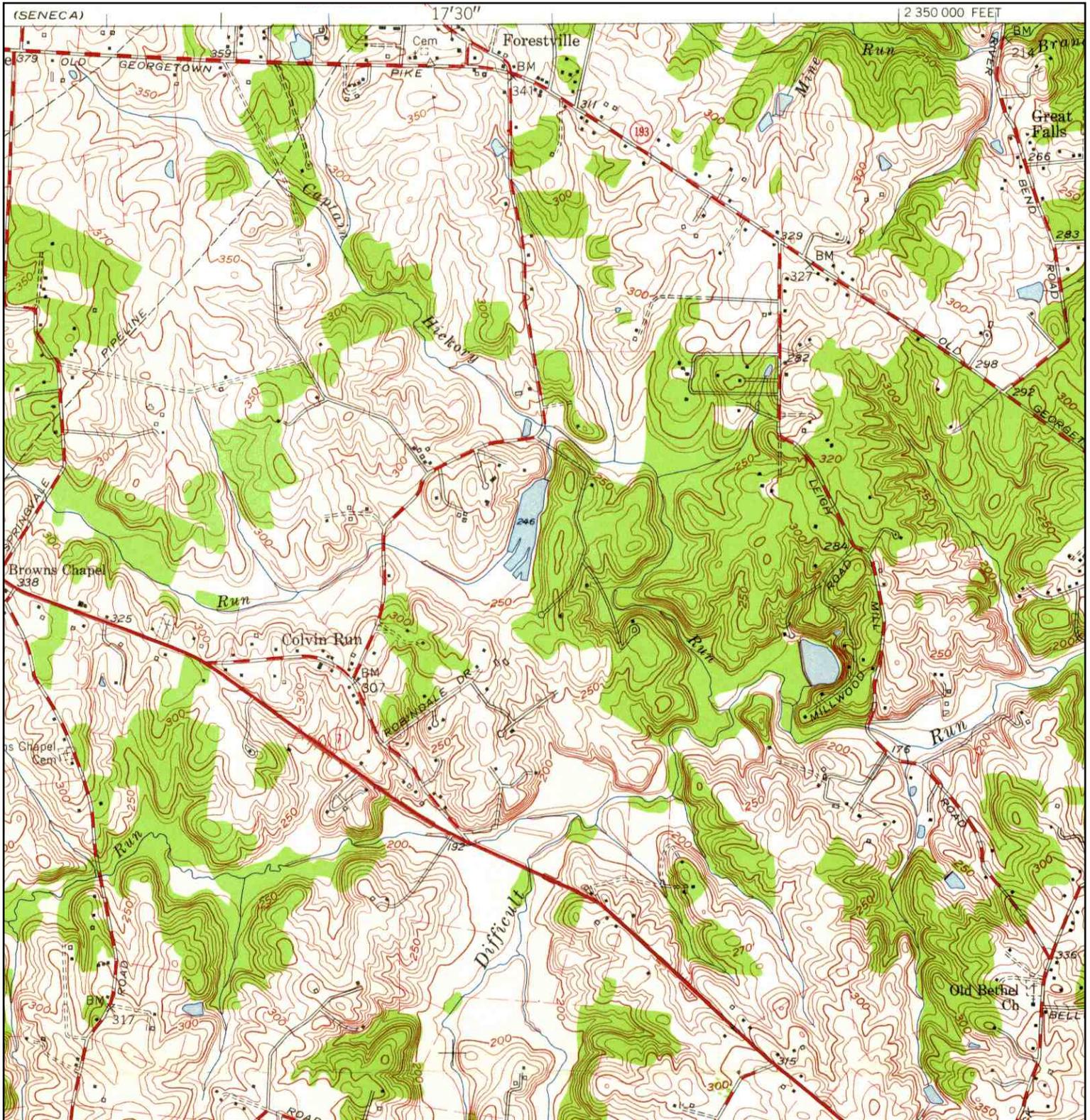
	<b>TARGET QUAD</b> NAME: FAIR FAX MAP YEAR: 1947	<b>SITE NAME:</b> LIMOUEE ASSOCIATES INC <b>ADDRESS:</b> 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 <b>LAT/LONG:</b> 38.9981 / 77.2884	<b>CLIENT:</b> Groundwater & Env. Svcs. LLC <b>CONTACT:</b> Kirsteen Toro <b>INQUIRY#:</b> 2317212.250 <b>RESEARCH DATE:</b> 09/15/2008
	SERIES: 15 SCALE: 1:50000		

# Historical Topographic Map



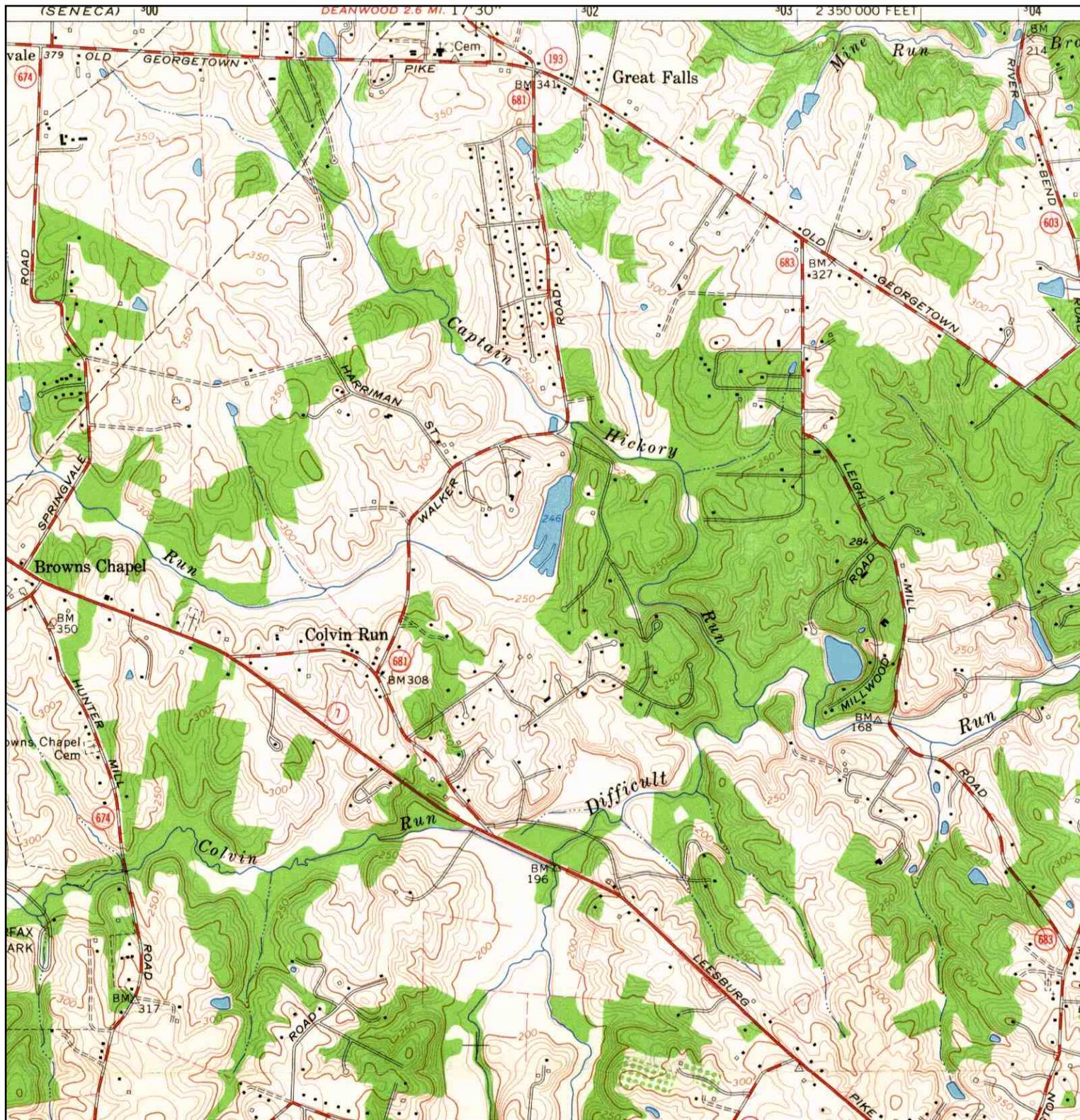
<b>N</b> 	<b>TARGET QUAD</b> NAME: VIENNA MAP YEAR: 1951	<b>SITE NAME:</b> LIMOUEE ASSOCIATES INC <b>ADDRESS:</b> 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 <b>LAT/LONG:</b> 38.9981 / 77.2884	<b>CLIENT:</b> Groundwater & Env. Svcs. LLC <b>CONTACT:</b> Kirsteen Toro <b>INQUIRY#:</b> 2317212.250 <b>RESEARCH DATE:</b> 09/15/2008
	<b>SERIES:</b> 7.5 <b>SCALE:</b> 1:24000		

# Historical Topographic Map



	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: VIENNA	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1957	LAT/LONG:	38.9981 / 77.2884	INQUIRY#:	2317212.250
	SERIES: 7.5			RESEARCH DATE:	09/15/2008
	SCALE: 1:24000				

# Historical Topographic Map



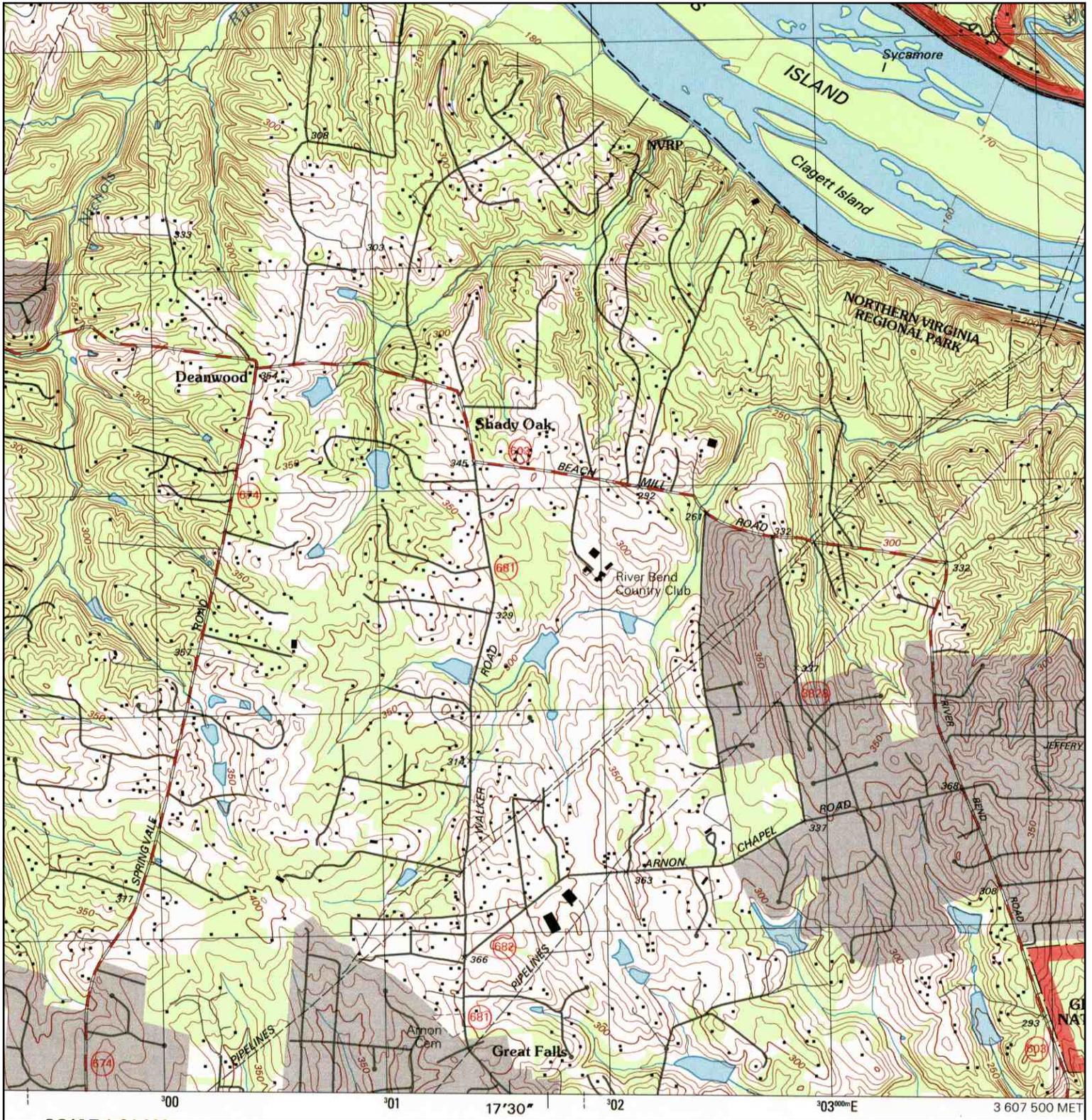
 <p>N</p>	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: VIENNA	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1966	LAT/LONG:	38.9981 / 77.2884	INQUIRY#:	2317212.250
	SERIES: 7.5			RESEARCH DATE:	09/15/2008
	SCALE: 1:24000				

# Historical Topographic Map



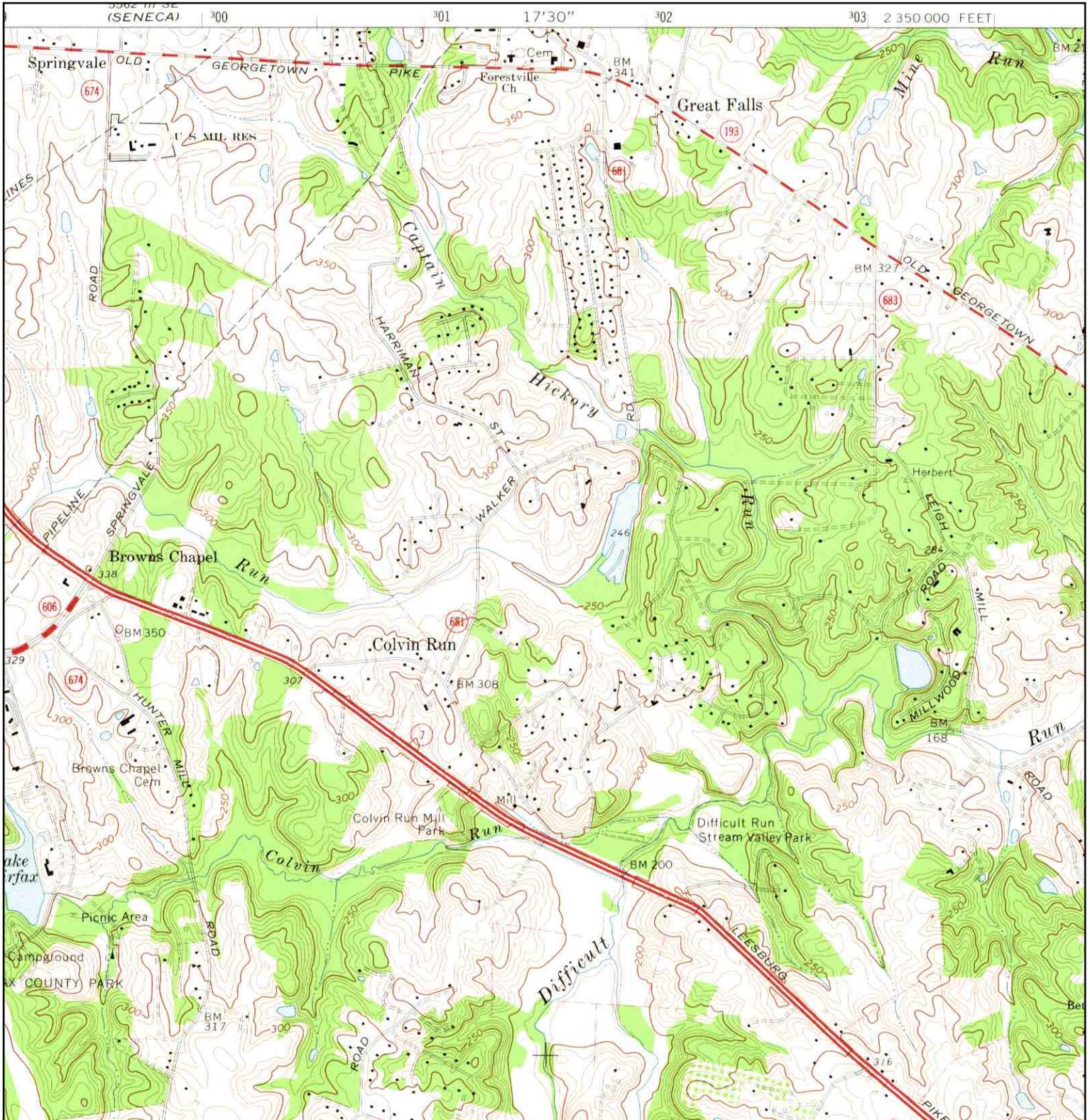
<p>N ↑</p>	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: VIENNA	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1971		GREAT FALLS, VA 22066	INQUIRY#:	2317212.250
	PHOTOREVISED FROM: 1966	LAT/LONG:	38.9981 / 77.2884	RESEARCH DATE:	09/15/2008
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



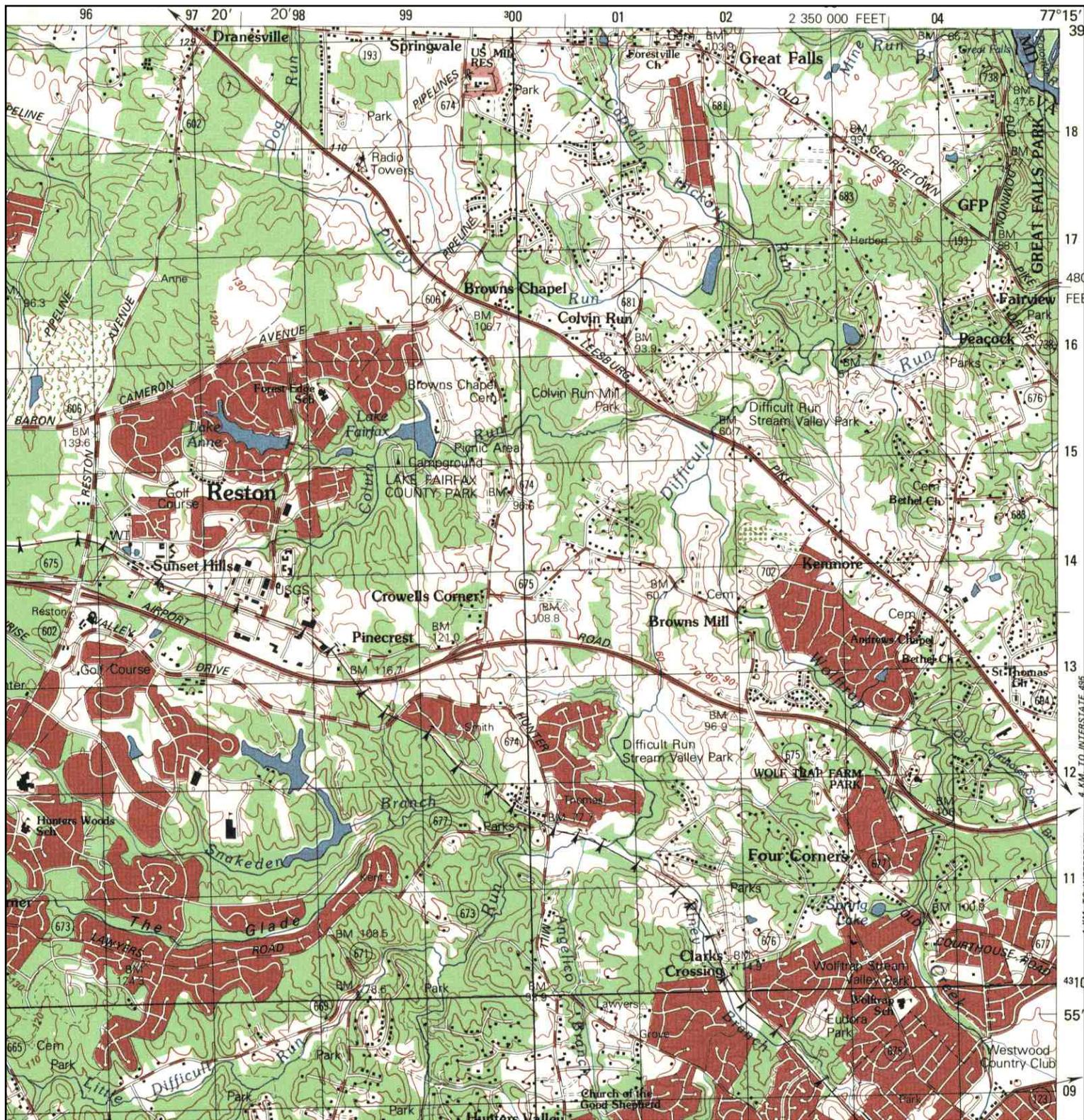
<p>N ↑</p>	<p>ADJOINING QUAD NAME: SENECA MAP YEAR: 1994</p>	<p>SITE NAME: LIMOUEE ASSOCIATES INC ADDRESS: 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 LAT/LONG: 38.9981 / 77.2884</p>	<p>CLIENT: Groundwater &amp; Env. Svcs. LLC CONTACT: Kirsteen Toro INQUIRY#: 2317212.250 RESEARCH DATE: 09/15/2008</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



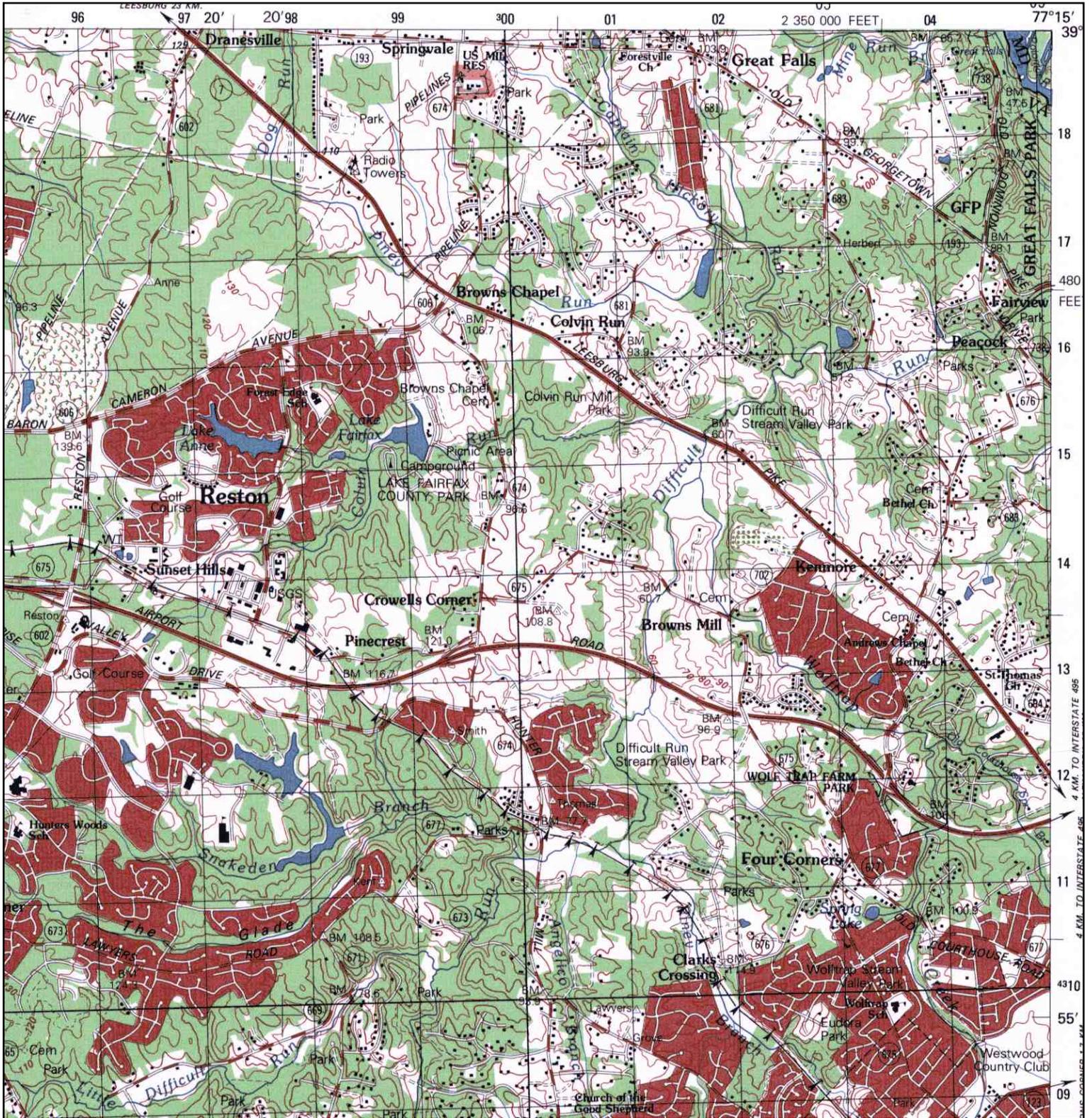
<b>N</b> 	<b>TARGET QUAD</b> NAME: VIENNA MAP YEAR: 1973	<b>SITE NAME:</b> LIMOUÉE ASSOCIATES INC <b>ADDRESS:</b> 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 <b>LAT/LONG:</b> 38.9981 / 77.2884	<b>CLIENT:</b> Groundwater & Env. Svcs. LLC <b>CONTACT:</b> Kirsteen Toro <b>INQUIRY#:</b> 2317212.250 <b>RESEARCH DATE:</b> 09/15/2008
	<b>SERIES:</b> 7.5 <b>SCALE:</b> 1:24000		

# Historical Topographic Map



	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: FAIR FAX	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1977		GREAT FALLS, VA 22066	INQUIRY#:	2317212.250
	SERIES: 15	LAT/LONG:	38.9981 / 77.2884	RESEARCH DATE:	09/15/2008
	SCALE: 1:50000				

# Historical Topographic Map



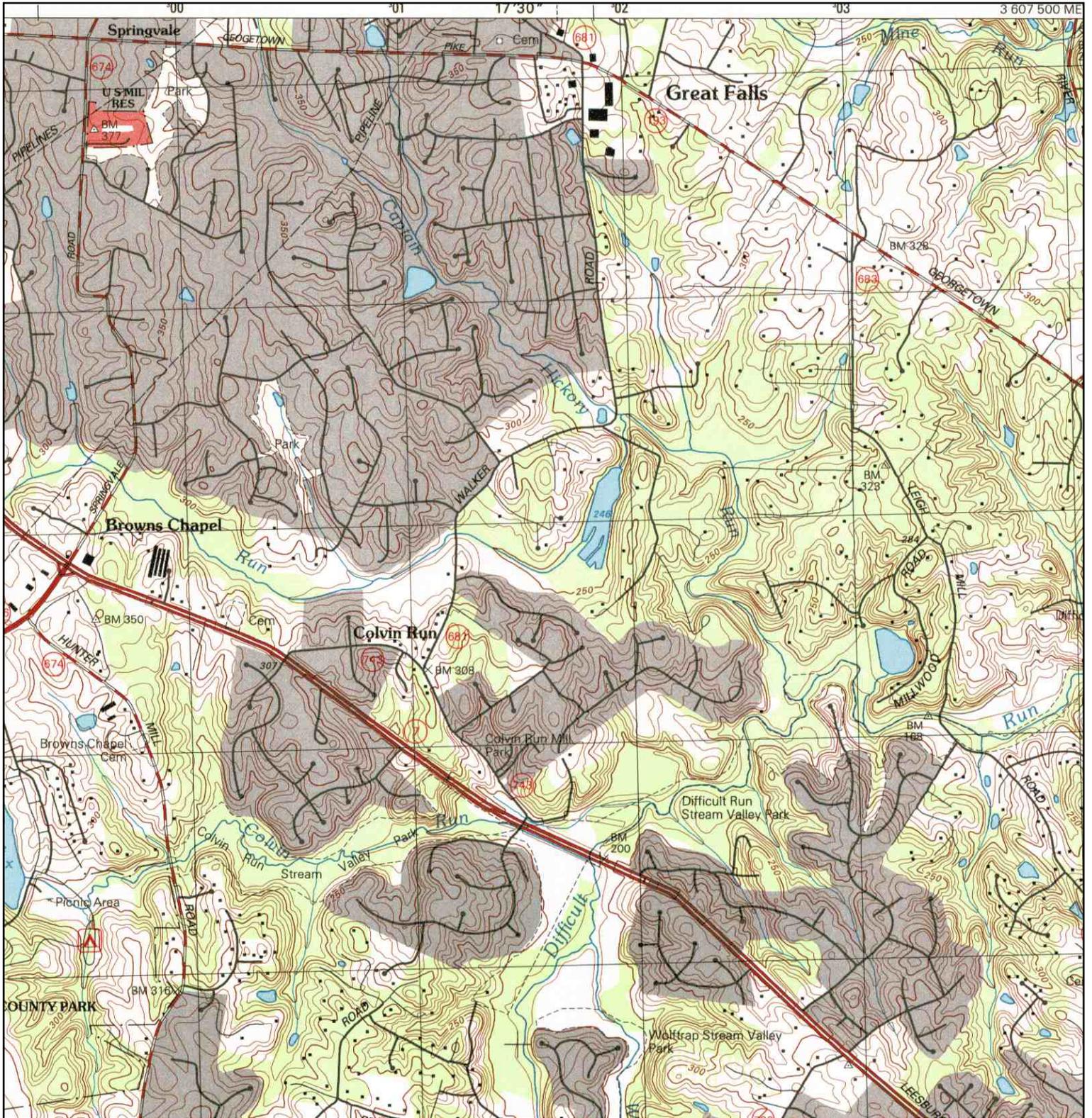
<p>N ↑</p>	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: FAIRFAX	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1977		GREAT FALLS, VA 22066	INQUIRY#:	2317212.250
	SERIES: 15	LAT/LONG:	38.9981 / 77.2884	RESEARCH DATE:	09/15/2008
	SCALE: 1:50000				

# Historical Topographic Map



 <p>N</p>	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: VIENNA	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1980		GREAT FALLS, VA 22066	INQUIRY#:	2317212.250
	PHOTOREVISED FROM: 1973	LAT/LONG:	38.9981 / 77.2884	RESEARCH DATE:	09/15/2008
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



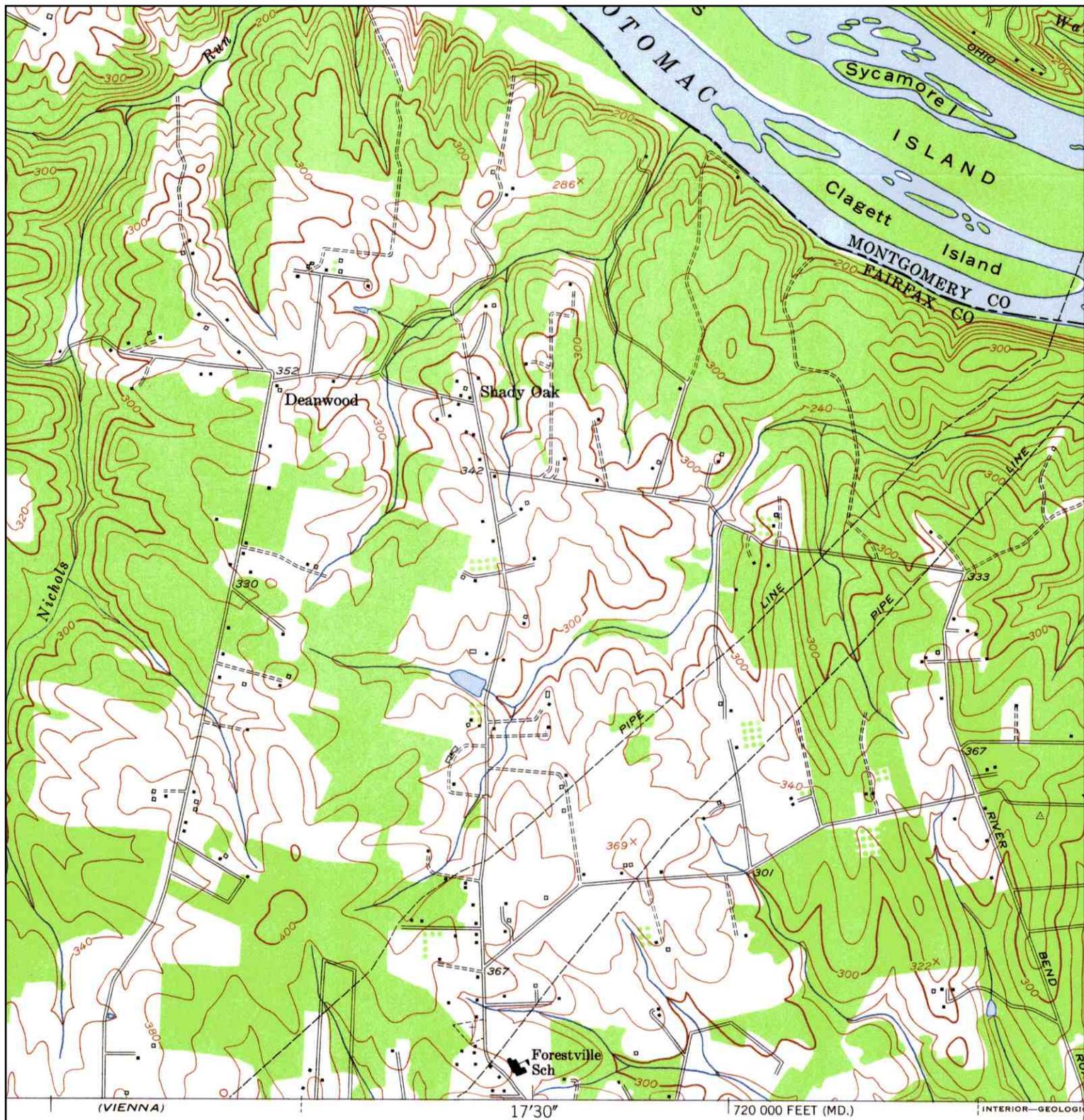
<b>N</b> 	TARGET QUAD	SITE NAME:	LIMOUEE ASSOCIATES INC	CLIENT:	Groundwater & Env. Svcs. LLC
	NAME: VIENNA	ADDRESS:	9901 GEORGETOWN PIKE	CONTACT:	Kirsteen Toro
	MAP YEAR: 1994	LAT/LONG:	38.9981 / 77.2884	INQUIRY#:	2317212.250
SERIES: 7.5	SCALE: 1:24000			RESEARCH DATE:	09/15/2008

# Historical Topographic Map



<p>N ↑</p>	<p>ADJOINING QUAD NAME: SENECA MAP YEAR: 1908</p>	<p>SITE NAME: LIMOUEE ASSOCIATES INC ADDRESS: 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 LAT/LONG: 38.9981 / 77.2884</p>	<p>CLIENT: Groundwater &amp; Env. Svcs. LLC CONTACT: Kirsteen Toro INQUIRY#: 2317212.250 RESEARCH DATE: 09/15/2008</p>
	<p>SERIES: 15 SCALE: 1:62500</p>		

# Historical Topographic Map



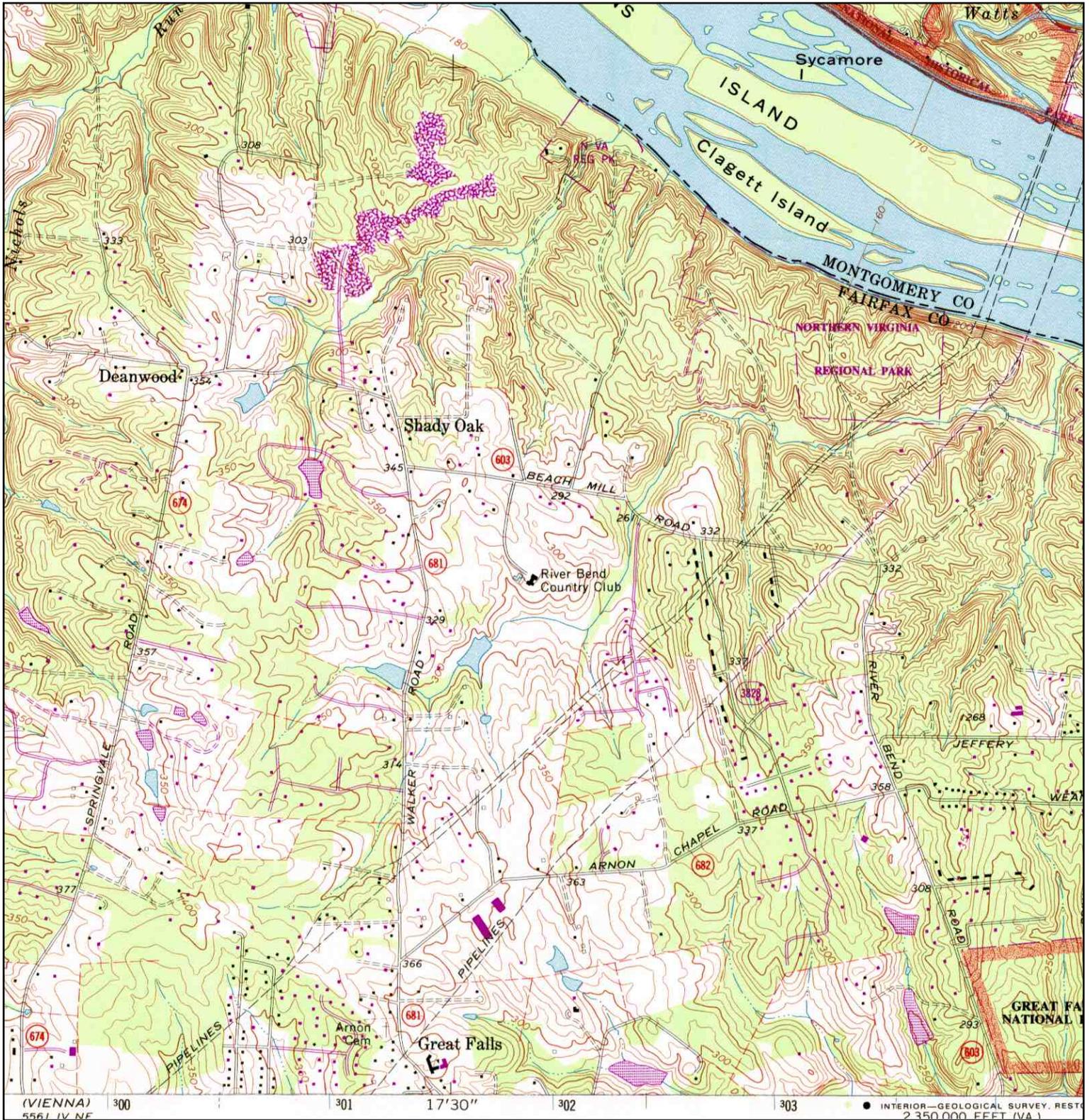
N 	ADJOINING QUAD NAME: SENECA MAP YEAR: 1952	SITE NAME: LIMOUEE ASSOCIATES INC ADDRESS: 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 LAT/LONG: 38.9981 / 77.2884	CLIENT: Groundwater & Env. Svcs. LLC CONTACT: Kirsteen Toro INQUIRY#: 2317212.250 RESEARCH DATE: 09/15/2008
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



<b>N</b> 	ADJOINING QUAD NAME: SENECA MAP YEAR: 1968	SITE NAME: LIMOUEE ASSOCIATES INC ADDRESS: 9901 GEORGETOWN PIKE GREAT FALLS, VA 22066 LAT/LONG: 38.9981 / 77.2884	CLIENT: Groundwater & Env. Svcs. LLC CONTACT: Kirsteen Toro INQUIRY#: 2317212.250 RESEARCH DATE: 09/15/2008
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: SENECA	LIMOUÉE ASSOCIATES INC	Groundwater & Env. Svcs. LLC
	MAP YEAR: 1984	ADDRESS: 9901 GEORGETOWN PIKE	CONTACT: Kirsteen Toro
	REVISED FROM: 1968	GREAT FALLS, VA 22066	INQUIRY#: 2317212.250
	SERIES: 7.5	LAT/LONG: 38.9981 / 77.2884	RESEARCH DATE: 09/15/2008
	SCALE: 1:24000		

**THE EDR-CITY DIRECTORY ABSTRACT**

**LIMOUUE ASSOCIATES INC**

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

Inquiry Number: 2317212.252  
September 12, 2008

# The EDR-City Directory Abstract

# EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

***Thank you for your business.***

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

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## **SUMMARY**

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1957 through 2003. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

**Date EDR Searched Historical Sources:** September 12, 2008

**Target Property:**

9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Address Not Listed in Research Source	Hill Directory Co. Inc Publishers
1961	Address Not Listed in Research Source	Hill Directory Co. Inc Publishers
1963	Address Not Listed in Research Source	HAINES & CO INC
1964	Address Not Listed in Research Source	THE CHESAPEAKE AND POTOMAC TELEPHONE COMPANY
1966	Address Not Listed in Research Source	HILLS DIRECTORY CO.
1967	Address Not Listed in Research Source	HILL DIRECTORY CO INC PUBLISHERS
1969	Address Not Listed in Research Source	HILLS DIRECTORY CO.
1971	Address Not Listed in Research Source	HILLS DIRECTORY CO.
1975	Address Not Listed in Research Source	HILL DIRECTORY COMPANY PUBLISHERS
1984	Address Not Listed in Research Source	C & P TELEPHONE
1989	Address Not Listed in Research Source	C & P TELEPHONE DIRECTORY
1993	Address Not Listed in Research Source	The Chesapeake and Potomac Telephone Company of Virginia
1994	Address Not Listed in Research Source	C&P TELEPHONE COMPANY
2003	Address Not Listed in Research Source	HAINES & CO INC

## Adjoining Properties

### SURROUNDING

Multiple Addresses  
GREAT FALLS, VA 22066

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Address Not Listed in Research Source	Hill Directory Co. Inc Publishers
1961	Address Not Listed in Research Source	Hill Directory Co. Inc Publishers
1963	Address Not Listed in Research Source	HAINES & CO INC
1964	Address Not Listed in Research Source	THE CHESAPEAKE AND POTOMAC TELEPHONE COMPANY
1966	Address Not Listed in Research Source	HILLS DIRECTORY CO.
1967	Address Not Listed in Research Source	HILL DIRECTORY CO INC PUBLISHERS
1969	<b>**GEORGETOWN PIKE**</b> BRYANT SAM S (10010)	HILLS DIRECTORY CO.
1971	Address Not Listed in Research Source	HILLS DIRECTORY CO.
1975	Address Not Listed in Research Source	HILL DIRECTORY COMPANY PUBLISHERS
1984	<b>**WALKER RD**</b> FISHER BART STEVEN (723)	C & P TELEPHONE
1989	Address Not Listed in Research Source	C & P TELEPHONE DIRECTORY
1993	<b>**GEORGETOWN PIKE**</b> SUMNER (9837) OPTIQUE GALLERY CONTACT LENS (9837) OPTIQUE GALLERY (9837) TURNER FRAMING INC (9839) GREAT FALLS (9841) LONG ALEXANDRIA OLD TOWN (9841) SAFEWAY INC (9881) SAFEWAY INC (9881) MONEY STOP (9883) CIRCLE TOWERS (9883) EROLS (9899) GREAT FALLS (9899)	The Chesapeake and Potomac Telephone Company of Virginia

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	(continued)	
	AMERICAN AWARDS & GIFTS INC (9907)	
	ROCKVILLE (9911)	
	GREAT FALLS (9911)	
	FIRST VIRGINIA BANK (9915)	
	GRAHAM ROAD (9915)	
1994	Address Not Listed in Research Source	C&P TELEPHONE COMPANY
2003	Address Not Listed in Research Source	HAINES & CO INC

**STATE, COUNTY OR CITY GOVERNMENT RECORDS**



-096

COMMONWEALTH of VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

Peter W. Schmidt  
Director

Water Regional Office  
1519 Davis Ford Road, Suite 14  
Woodbridge, Virginia 22192  
(703) 490-8922

AUG. 18 1994

Mr. Jeff Lowe  
Exxon Company, USA  
Boulders IV  
7501 Boulders View Drive  
Suite 200  
Richmond, VA 23225

RE: PC94-3879; Exxon Location #2-6140, 9901 Georgetown Pike,  
Great Falls  
**CASE CLOSED**

Dear Mr. Lowe:

Following a review of the above referenced file and based upon the information you have submitted, the Department of Environmental Quality (DEQ) considers this case closed. No further action by you is required in this matter.

Please be advised, however, that future discovery of petroleum in the environment may result in the reopening of this matter. The DEQ reserves the right pursuant to Virginia Law and Regulation to require additional investigation at any time in the future should conditions warrant.

If you have any questions or need additional information, please feel free to contact this office at (703) 490-8922.

Sincerely,

A handwritten signature in black ink, appearing to read 'Charles S. Nichols'.

Charles S. Nichols  
Ground Water Manager

km:caseclos

cc: File



**EXXON** COMPANY, U.S.A.

BOX CALLER #90011C - BOULDERS IV • 7501 BOULDERS VIEW DRIVE, SUITE 200 • RICHMOND, VIRGINIA 23225-9998

June 1, 1994

Mr. Lewis E. Hilder  
Senior Geologist  
Virginia Department of Environmental Quality  
Northern Water Regional Office  
1519 Davis Ford Road  
Woodbridge, Virginia 22192



RE: P.C. # 94-3879, Exxon Location # 2-6140  
9901 Georgetown Pike, Great Falls, VA

Dear Lew:

The purpose of this letter is to provide you with written information pertaining to suspected release reported on May 12, 1994 for the above referenced site. The original report was based on the presence of water in the Plus grade gasoline underground storage tanks (UST) located on site.

As discussed with you previously, the water that had accumulated in the UST due to normal operating conditions and an attempt was made to remove the water by Clean Harbors, Inc. of Baltimore, MD. on the day prior to the report of suspected release. Due to the vacuum created when Clean Harbors attempted to remove the original quantity (approximately 2 inches) of water from the UST, a hydrostatic equilibrium was reached in the UST which allowed a column of approximately 17 inches of water and 18 inches of gasoline to develop in the drop tube of the UST. This accumulation of water in the drop tube, due to the pumping of water from the bottom of the interior of the UST, created the illusion that the UST was accumulating water. However, when the drop tube was removed, the water and gasoline equilibrated in the UST. Subsequently, the water was removed and the inventory reconciliation verified the quantity of gasoline contained in the UST. Additionally, IMS Environmental conducted a sensitive receptor survey in the vicinity of the referenced site and found no visible signs of any release.

Therefore, based on the information presented above, Exxon respectfully request closure of the reference environmental investigation and P.C. # 94-3879. If you should have any further questions or comments, please feel free to contact me at (804) 560-3636.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard W. Westerdale II".

Richard W. Westerdale II  
Senior Environmental Engineer

cc: J. W. Gatlin, Jr.

# IMS

## ENVIRONMENTAL

*A Division of Industrial Marine Service, Inc.*

096

700 D NELMS CIRCLE/FALLS RUN INDUSTRIAL PARK  
FREDERICKSBURG, VIRGINIA 22406-1100  
TELEPHONE: (24 HOURS) 703/372-9890  
FAX: 703/372-9889

Established  
1958

### UNDERGROUND STORAGE TANK EXCAVATION ASSESSMENT REPORT

FOR  
EXXON STATION 2-6140  
9901 GEORGETOWN PIKE  
GREAT FALLS, VIRGINIA

Prepared for

Jennifer Colvard  
Exxon Company, U.S.A.  
6301 Ivy Lane, Suite 700  
Greenbelt, Maryland 20770

Prepared by

Patricia W. Guy  
IMS ENVIRONMENTAL  
700 D Nelms Circle  
Fredericksburg, Virginia 22406-1100

Date

March 1, 1995

## TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	1
2.0 SITE INFORMATION .....	1
3.0 TANK INFORMATION.....	1
4.0 CLOSURE PROCEDURES.....	2
5.0 SOIL SAMPLES .....	2
6.0 SUMMARY.....	3

## LIST OF TABLES

Table 1:	Total Organic Vapor Concentrations Using the Headspace Method
Table 2	Results of Laboratory Analyses for Soil Samples Collected for UST Closure

## LIST OF FIGURES

Figure 1:	Portion of U.S.G.S. Vienna, Virginia and Seneca, Maryland topographic map illustrating location and topography of the site.
Figure 2:	Site map showing sample locations.

## APPENDICES

Appendix A:	Laboratory Reports
Appendix B:	Photographs

## **1.0 INTRODUCTION**

On behalf of Exxon Company U.S.A. (Exxon), IMS Environmental (IMS) has prepared this underground storage tank (UST) excavation assessment (TEA) Report for Exxon Station 2-6140 located at 9901 Georgetown Pike in Great Falls, Virginia. This assessment was performed in accordance with VR 680-13-02, Virginia Underground Storage Tanks, Technical Standards and Corrective Action Requirements.

During renovation of the station, two underground storage tanks were removed. Upon excavating and removing the USTs, IMS personnel inspected the excavations for the potential presence of hydrocarbon impact, inspected the integrity of the USTs, collected soil samples to measure total organic vapors and collected a soil sample to submit to the laboratory for chemical analysis, as required by the Virginia Department of Environmental Quality, Water Division.

## **2.0 SITE INFORMATION**

Exxon station 2-6140 is located in a predominantly residential area of Great Falls, Fairfax County, Virginia (Figure 1). The station is located in the Village Centre Shopping Center and is bound by Walker Road to the east, a service road to the north, a professional services building to the west and a car wash to the south. Depth to groundwater onsite is not known.

Figure 2 illustrates features on the Exxon property. The site contains a station building, two pump islands, and a main tankfield containing three gasoline USTs. A fuel oil UST and used oil UST were each located in a separate tankfield.

## **3.0 TANK INFORMATION**

The main tankfield, located in the eastern portion of the station, contains two 10,000 gallon, and one 12,000 gallon gasoline USTs. One 1,000 gallon fuel oil UST was located just north of the main tankfield and one 1,000 gallon used oil UST was located in front of the station building (Figure 2). All five tanks are constructed of double-walled fiberglass and were installed in 1989. The most recent tank tightness tests were performed in November 29, 1989, when the tanks were installed. The gasoline (product) lines were last tested in December 1993. The tanks and lines passed the tests at these times. On January 5, 1995, the fuel and used oil USTs were removed.

#### 4.0 CLOSURE PROCEDURES

On January 5, 1995, tanks were removed by Tyree Organization Limited from Loudoun County, Virginia. Removal and disposal of the tank contents were performed by Clean Harbors of Baltimore Maryland. An IMS technician was onsite to document removal activities, inspect the tank and the excavations, and collect soil samples. An Exxon engineer was also onsite at this time.

Prior to their removal, the tanks were cut open, the contents pumped out, and the inside of the tanks cleaned. The contents of the tanks and the rinse water were disposed of at Clean Harbors Treatment, Storage, and Disposal Facility (TSDF) in Baltimore, Maryland. After cleaning the tanks, dry ice was then placed inside the tanks to assure that vapor concentrations in the tank would be below the lower explosive limit (LEL) before the tanks were removed from the ground. The rinse water was removed from the tanks using a vacuum truck. The tanks were crushed onsite and disposed of with other construction debris by Omni Trucking Company. Upon removal of both the used oil and fuel oil tanks, no holes were observed. After the USTs were removed, the excavated soil was placed back into the excavation.

#### 5.0 SOIL SAMPLES

The soil profile along the sidewall of the excavations consisted of clay in the upper region grading downward into a clayey sand. A total of four soil samples were collected from the UST excavations. Sample locations are shown in Figure 2. Soil samples were collected for both headspace and laboratory analyses. The headspace samples were collected by placing a portion of soil in a glass jar so that headspace was present. The jar was sealed and allowed to sit for at least 20 minutes. The headspace in the jar was then analyzed for total organic vapors using a photoionization detector. Table 1 shows the results of the headspace analyses.

It should be noted that the PID produces qualitative measurements only and the presence of water vapors can produce false positive readings.

Two samples from each excavation were collected for laboratory analyses. Samples UO-1 and FO-1 were collected from the bottom of the used oil and fuel oil excavation, respectively. Samples UO-2 and FO-2 were each composite samples collected from two sidewall locations. Samples submitted for laboratory analyses were tightly packed into sample jars to eliminate head space and shipped to NDRC Laboratories, Inc. for analysis of benzene, toluene, ethyl benzene and xylenes (BTEX) via EPA Method 820 and total petroleum hydrocarbons (TPH) using EPA Method 3550/8015. Table 2 shows the BTEX and TPH concentrations detected in soil samples. A copy of the laboratory report is contained as Appendix A.

As Table 2 illustrates, soil samples collected from the used oil and fuel oil UST excavations did not contain BTEX or TPH concentrations above the detection limit.

## 6.0 SUMMARY

A used oil and fuel oil UST were removed from two excavations at Exxon Station 2-6140. IMS personnel were present to monitor tank closure operations and collect soil samples for laboratory analysis. Upon removal, IMS personnel inspected the integrity of the USTs, all of which appeared to be in good condition and showed no evidence of failure. Soil samples collected from the excavation did not contain concentrations of BTEX or TPH above the detection limit. Therefore, there is no evidence that the areas within and around the tankfields have been impacted.

Prepared by: Patricia W. Guy  
Patricia W. Guy  
Project Hydrogeologist

Reviewed by: Robert F. Sawyer  
Robert F. Sawyer  
Senior Engineer

**Table 1**  
**Total Organic Vapor Concentrations**  
**Using the Headspace Method**

Soil Sampling Locations	Total Organic Vapor Concentrations ppm
Used oil sidewall	7.2
Used oil sidewall	9.6
Used oil bottom	11.7
Fuel oil sidewall	4.4
Fuel oil sidewall	9.7
Fuel oil bottom	9.9

**Table 2**  
**Results of Laboratory Analyses for Soil Samples Collected for UST Closure**

Soil Sample Locations	Benzene µg/Kg	Toluene µg/Kg	Ethyl-Benzene µg/Kg	Xylenes µg/Kg	BTEX µg/Kg	Diesel Range TPH mg/Kg
HO-1	bdl	bdl	bdl	bdl	bdl	bdl
HO-2	bdl	bdl	bdl	bdl	bdl	bdl
UO-1	bdl	bdl	bdl	bdl	bdl	bdl
UO-2	bdl	bdl	bdl	bdl	bdl	bdl

bdl: below detection limit

NA: not analyzed

Detection limit for EPA Method 8020: 2 µg/Kg

Detection limit for EPA Method 3550/8015: 10 mg/Kg

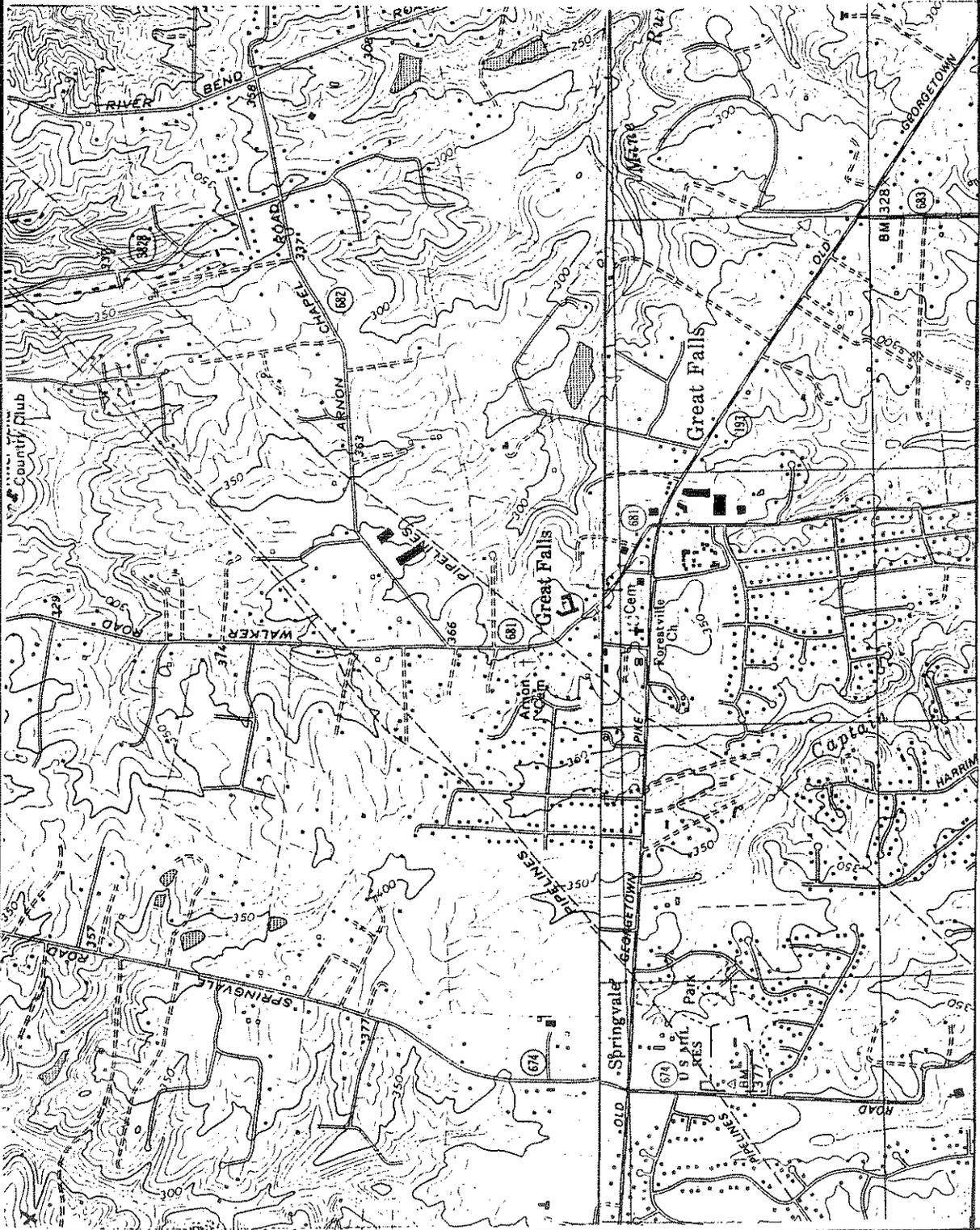
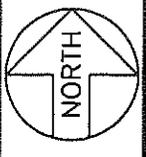
## FIGURES

Legend: 2030TEA

Vienna, Virginia,  
U.S.G.S. 7.5-minute  
topographic series,  
photorevised 1982.

Seneca, Maryland,  
U.S.G.S. 7.5-minute  
topographic series,  
photorevised 1984.

Site Location:  
Exxon Station  
2-6140  
9901 Georgetown Pike  
Great Falls, Virginia



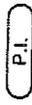
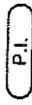
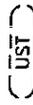
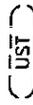
**IMS**  
ENVIRONMENTAL  
P.O. BOX 1779  
Norfolk, Virginia 23501-1779

Project No: 2030TEA  
Prepared By: CJS  
Date: February 13, 1995

Approximate Scale:  
1 : 24,000

Figure 1: Portions of U.S.G.S. Vienna, Virginia and Seneca, Maryland topographic maps illustrating the location and topography of the site.

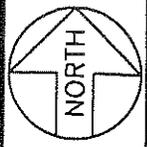
Legend: 2030TEA

-  Soil Sample
-  P.I.
-  Pump Island
-  UST
-  Underground Storage Tank

Note:  
UO-2 and FO-2 are  
composite samples  
collected from two  
sidewall locations.

Site Location:

Exxon Station  
2-6140  
9901 Geargetown Pike  
Great Falls, Virginia



IMS ENVIRONMENTAL  
P.O. BOX 1778  
Norfolk, Virginia 23501-1778

Approximate Scale:



Project No: 2030TEA

Prepared By: CJS

Date: February 2, 1995

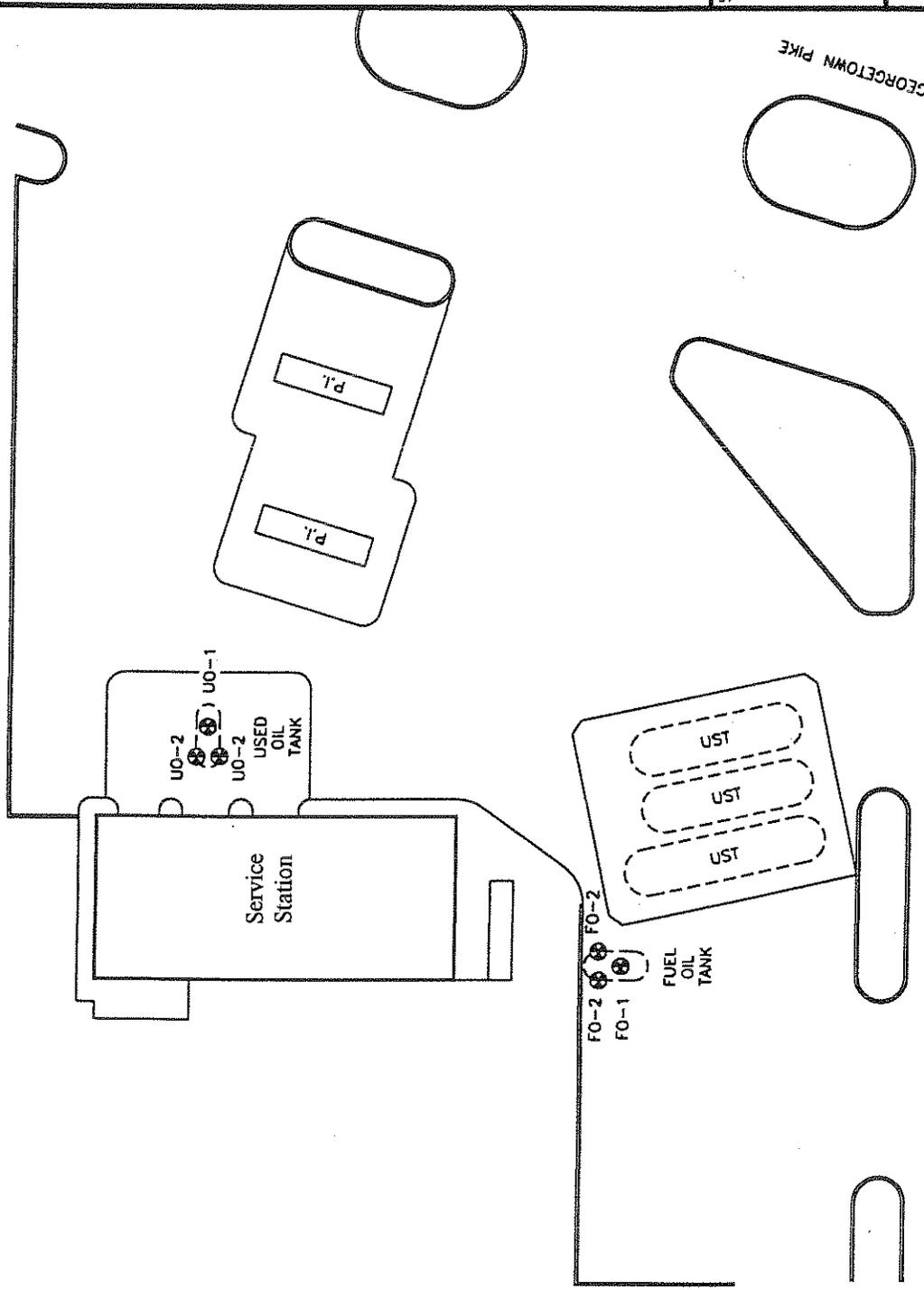


Figure 2: Site map showing sample locations.

**ATTACHMENT E**  
**ENVIRONMENTAL PERMITS**

# IMS

## ENVIRONMENTAL

A Division of Industrial Marine Service, Inc.

700 D NELMS CIRCLE/FALLS RUN INDUSTRIAL PARK  
FREDERICKSBURG, VIRGINIA 22406-1100  
TELEPHONE: (24 HOURS) 703/372-9890  
FAX: 703/372-9889

Established  
1958

March 1, 1995

Ms. Jennifer Colvard  
Exxon Company U.S.A.  
6301 Ivy Lane  
Suite 700  
Greenbelt, Maryland 20770

Re: Underground Storage Tank Excavation Assessment Report  
for Exxon Station 2-6140  
9901 Georgetown Pike  
Great Falls, Virginia

Dear Ms. Colvard:

Enclosed is one bound original and one bound copy of the Tank Excavation Assessment Report for the referenced location. This report reflects the changes requested during a phone conversation between myself and Merideth Felix on February 27, 1995.

If you should have any questions regarding this report, please do not hesitate to contact me at (703) 372-9890.

Very truly yours,

IMS ENVIRONMENTAL

*Patricia W. Guy*  
Patricia W. Guy  
Project Hydrogeologist

c: Mr. Jeff Lowe., Exxon Company, U.S.A.  
PWG/IMS

Event	Date	Initials
Code:		
Scanned		
QC		

OTHER OFFICES: Norfolk, Chesapeake, Richmond, VA  
MEMBER: National Fire Protection Assoc./National Safety Council  
National Ground Water Association/Remedial Contractors Institute  
Site Remediation/Environmental Site Assessments/Drilling Services

# IMS

## ENVIRONMENTAL

*A Division of Industrial Marine Service, Inc.*

700 D NELMS CIRCLE/FALLS RUN INDUSTRIAL PARK  
FREDERICKSBURG, VIRGINIA 22406-1100  
TELEPHONE: (24 HOURS) 703/372-9890  
FAX: 703/372-9889

Established  
1958

### UNDERGROUND STORAGE TANK EXCAVATION ASSESSMENT REPORT

FOR  
EXXON STATION 2-6140  
9901 GEORGETOWN PIKE  
GREAT FALLS, VIRGINIA

Prepared for

Jennifer Colvard  
Exxon Company, U.S.A.  
6301 Ivy Lane, Suite 700  
Greenbelt, Maryland 20770

Prepared by

Patricia W. Guy  
IMS ENVIRONMENTAL  
700 D Nelms Circle  
Fredericksburg, Virginia 22406-1100

Date

March 1, 1995

## TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	1
2.0 SITE INFORMATION .....	1
3.0 TANK INFORMATION.....	1
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5.0 SOIL SAMPLES.....	2
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## 1.0 INTRODUCTION

On behalf of Exxon Company U.S.A. (Exxon), IMS Environmental (IMS) has prepared this underground storage tank (UST) excavation assessment (TEA) Report for Exxon Station 2-6140 located at 9901 Georgetown Pike in Great Falls, Virginia. This assessment was performed in accordance with VR 680-13-02, Virginia Underground Storage Tanks, Technical Standards and Corrective Action Requirements.

During renovation of the station, two underground storage tanks were removed. Upon excavating and removing the USTs, IMS personnel inspected the excavations for the potential presence of hydrocarbon impact, inspected the integrity of the USTs, collected soil samples to measure total organic vapors and collected a soil sample to submit to the laboratory for chemical analysis, as required by the Virginia Department of Environmental Quality, Water Division.

## 2.0 SITE INFORMATION

Exxon station 2-6140 is located in a predominantly residential area of Great Falls, Fairfax County, Virginia (Figure 1). The station is located in the Village Centre Shopping Center and is bound by Walker Road to the east, a service road to the north, a professional services building to the west and a car wash to the south. Depth to groundwater onsite is not known.

Figure 2 illustrates features on the Exxon property. The site contains a station building, two pump islands, and a main tankfield containing three gasoline USTs. A fuel oil UST and used oil UST were each located in a separate tankfield.

## 3.0 TANK INFORMATION

The main tankfield, located in the eastern portion of the station, contains two 10,000 gallon, and one 12,000 gallon gasoline USTs. One 1,000 gallon fuel oil UST was located just north of the main tankfield and one 1,000 gallon used oil UST was located in front of the station building (Figure 2). All five tanks are constructed of double-walled fiberglass and were installed in 1989. The most recent tank tightness tests were performed in November 29, 1989, when the tanks were installed. The gasoline (product) lines were last tested in December 1993. The tanks and lines passed the tests at these times. On January 5, 1995, the fuel and used oil USTs were removed.

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On January 5, 1995, tanks were removed by Tyree Organization Limited from Loudoun County, Virginia. Removal and disposal of the tank contents were performed by Clean Harbors of Baltimore Maryland. An IMS technician was onsite to document removal activities, inspect the tank and the excavations, and collect soil samples. An Exxon engineer was also onsite at this time.

Prior to their removal, the tanks were cut open, the contents pumped out, and the inside of the tanks cleaned. The contents of the tanks and the rinse water were disposed of at Clean Harbors Treatment, Storage, and Disposal Facility (TSDF) in Baltimore, Maryland. After cleaning the tanks, dry ice was then placed inside the tanks to assure that vapor concentrations in the tank would be below the lower explosive limit (LEL) before the tanks were removed from the ground. The rinse water was removed from the tanks using a vacuum truck. The tanks were crushed onsite and disposed of with other construction debris by Omni Trucking Company. Upon removal of both the used oil and fuel oil tanks, no holes were observed. After the USTs were removed, the excavated soil was placed back into the excavation.

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The soil profile along the sidewall of the excavations consisted of clay in the upper region grading downward into a clayey sand. A total of four soil samples were collected from the UST excavations. Sample locations are shown in Figure 2. Soil samples were collected for both headspace and laboratory analyses. The headspace samples were collected by placing a portion of soil in a glass jar so that headspace was present. The jar was sealed and allowed to sit for at least 20 minutes. The headspace in the jar was then analyzed for total organic vapors using a photoionization detector. Table 1 shows the results of the headspace analyses.

It should be noted that the PID produces qualitative measurements only and the presence of water vapors can produce false positive readings.

Two samples from each excavation were collected for laboratory analyses. Samples UO-1 and FO-1 were collected from the bottom of the used oil and fuel oil excavation, respectively. Samples UO-2 and FO-2 were each composite samples collected from two sidewall locations. Samples submitted for laboratory analyses were tightly packed into sample jars to eliminate head space and shipped to NDRC Laboratories, Inc. for analysis of benzene, toluene, ethyl benzene and xylenes (BTEX) via EPA Method 8020 and total petroleum hydrocarbons (TPH) using EPA Method 3550/8015. Table 2 shows the BTEX and TPH concentrations detected in soil samples. A copy of the laboratory report is contained as Appendix A.

As Table 2 illustrates, soil samples collected from the used oil and fuel oil UST excavations did not contain BTEX or TPH concentrations above the detection limit.

## 6.0 SUMMARY

A used oil and fuel oil UST were removed from two excavations at Exxon Station 2-6140. IMS personnel were present to monitor tank closure operations and collect soil samples for laboratory analysis. Upon removal, IMS personnel inspected the integrity of the USTs, all of which appeared to be in good condition and showed no evidence of failure. Soil samples collected from the excavation did not contain concentrations of BTEX or TPH above the detection limit. Therefore, there is no evidence that the areas within and around the tankfields have been impacted.

Prepared by:

Patricia W. Guy  
Patricia W. Guy  
Project Hydrogeologist

Reviewed by:

Robert F. Sawyer  
Robert F. Sawyer  
Senior Engineer

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Soil Sampling Locations	Total Organic Vapor Concentrations ppm
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Soil Sample Locations	Benzene $\mu\text{g/Kg}$	Toluene $\mu\text{g/Kg}$	Ethyl-Benzene $\mu\text{g/Kg}$	Xylenes $\mu\text{g/Kg}$	BTEX $\mu\text{g/Kg}$	Diesel Range TPH mg/Kg
HO-1	bdl	bdl	bdl	bdl	bdl	bdl
HO-2	bdl	bdl	bdl	bdl	bdl	bdl
UO-1	bdl	bdl	bdl	bdl	bdl	bdl
UO-2	bdl	bdl	bdl	bdl	bdl	bdl

bdl: below detection limit

NA: not analyzed

Detection limit for EPA Method 8020: 2  $\mu\text{g/Kg}$

Detection limit for EPA Method 3550/8015: 10 mg/Kg

**FIGURES**



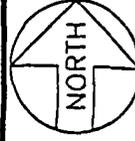
Legend: 2030TEA

- ⊗ Soil Sample
- P.I.
- ⊖ Underground Storage Tank

Note:  
 UO-2 and FO-2 are  
 composite samples  
 collected from two  
 sidewall locations.

Site Location:

Exxon Station  
 2-6140  
 9901 Georgetown Pike  
 Great Falls, Virginia



IMS ENVIRONMENTAL  
 P.O. BOX 1779  
 Norfolk, Virginia 23501-1779

Approximate Scale:



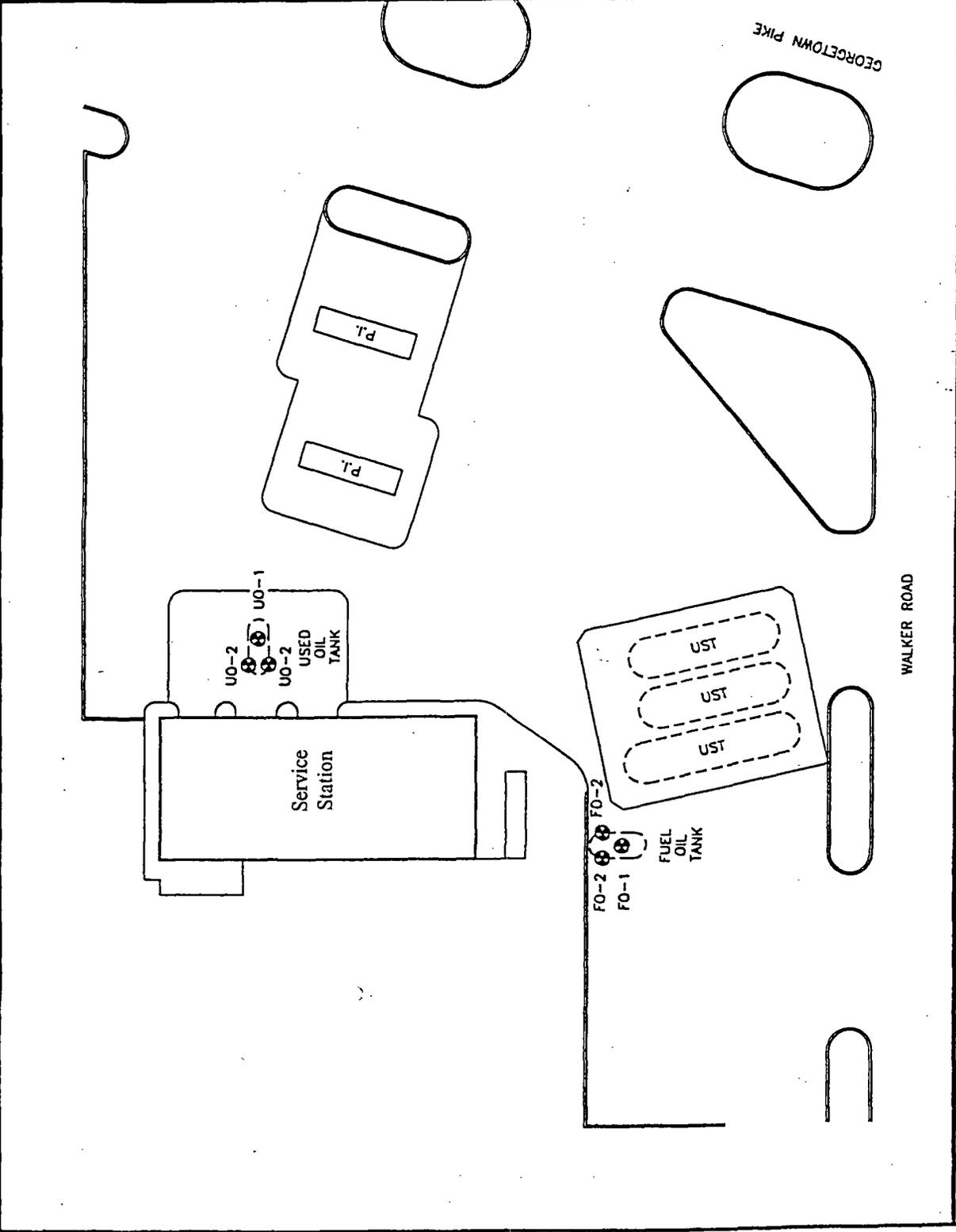
Project No: 2030TEA

Prepared By: CJS

Date: February 2, 1995



Figure 2: Site map showing sample locations.



**APPENDICES**



# Inchcape Testing Services

NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

## SUMMARY REPORT

CLIENT : IMS Environmental  
PROJECT : 451-2030 Exxon SS#2-6140

JOB NUMBER : D95-138  
REPORT DATE : 17-JAN-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	FO-1 9901 Georgetown Pike	soil	5-JAN-1995
2	FO-2 9901 Georgetown Pike	soil	5-JAN-1995
3	UO-1 9901 Georgetown Pike	soil	5-JAN-1995
4	UO-2 9901 Georgetown Pike	soil	5-JAN-1995

BTEX ANALYSIS, EPA 8020		1	2	3	4
Benzene	µg/Kg	-	< 2.0	-	< 2.0
Toluene	µg/Kg	-	< 2.0	-	< 2.0
Ethyl benzene	µg/Kg	-	< 2.0	-	< 2.0
Xylenes	µg/Kg	-	< 2.0	-	< 2.0
BTEX (total)	µg/Kg	-	< 2.0	-	< 2.0

TOTAL PETROLEUM HYDROCARBONS BY GC, EPA 8015M		1	2	3	4
Total Petroleum Hydrocarbon	mg/Kg	< 10	< 10	< 10	< 10

MISCELLANEOUS ANALYSES		1	2	3	4
Total Solids	%	80.8	84.1	87.6	84.5

Martin Jeffus jm



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-1

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : FO-1  
9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
PREPARATION METHOD : EPA 3550  
PREPARED BY : CLT  
PREPARED ON : 16-JAN-1995  
ANALYSIS METHOD : EPA 8015M /1  
ANALYZED BY : S S  
ANALYZED ON : 16-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : AA937-41

TOTAL PETROLEUM HYDROCARBONS BY GC		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	10 mg/Kg	< 10 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
o-Terphenyl (SS)	100 mg/Kg	83.8 %

*Martin Jeffus jm*  
 \_\_\_\_\_  
 Martin Jeffus  
 General Manager

**APPENDIX A: LABORATORY REPORTS**



# Inchcape Testing Services

NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

## SUMMARY REPORT

CLIENT : IMS Environmental  
PROJECT : 451-2030 Exxon SS#2-6140

JOB NUMBER : D95-138  
REPORT DATE : 17-JAN-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	Trip Blank 9901 Georgetown Pike	Liquid	5-JAN-1995

BTEX ANALYSIS, EPA 8020		5			
Benzene	$\mu\text{g/L}$	<	1.0		
Toluene	$\mu\text{g/L}$	<	1.0		
Ethyl benzene	$\mu\text{g/L}$	<	1.0		
Xylenes	$\mu\text{g/L}$	<	1.0		
BTEX (total)	$\mu\text{g/L}$	<	1.0		

Martin Jeffus jm



# Inchcape Testing Services

NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-1

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : FO-1  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids /1	0.01 %	80.8 %
Analyzed using ASTM D2216 mod. on 9-JAN-1995 by JLS QC Batch No : 345007F		

*Martin Jeffus jm*  
\_\_\_\_\_  
Martin Jeffus  
General Manager



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-258-3591  
Fax. 214-258-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-2  
REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : FO-2  
9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
ANALYSIS METHOD : EPA 8020 /1  
ANALYZED BY : LKD  
ANALYZED ON : 9-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : 25-010995

BTEX ANALYSIS			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Benzene	2.0 µg/Kg	<	2.0 µg/Kg
Toluene	2.0 µg/Kg	<	2.0 µg/Kg
Ethyl benzene	2.0 µg/Kg	<	2.0 µg/Kg
Xylenes	2.0 µg/Kg	<	2.0 µg/Kg
BTEX (total)		<	2.0 µg/Kg #

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Bromofluorobenzene (SS)	50.0 µg/Kg	109 %

# Based upon Good Laboratory Practice, the result is rounded to the appropriate number of significant figures.

*Martin Jeffus jm*  
Martin Jeffus  
General Manager



# Inchcape Testing Services

NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-3  
REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : UO-1  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids /1	0.01 %	87.6 %
Analyzed using ASTM D2216 mod. on 9-JAN-1995 by JLS QC Batch No : 345007F		

*Martin Jeffus jm*  
Martin Jeffus  
General Manager



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-2

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : FO-2  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
PREPARATION METHOD : EPA 3550  
PREPARED BY : CLT  
PREPARED ON : 16-JAN-1995  
ANALYSIS METHOD : EPA 8015M /1  
ANALYZED BY : S S  
ANALYZED ON : 16-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : AA937-41

TOTAL PETROLEUM HYDROCARBONS BY GC		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	10 mg/Kg	< 10 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
o-Terphenyl (SS)	100 mg/Kg	79.5 %

*Martin Jeffus jm*  
 \_\_\_\_\_  
 Martin Jeffus  
 General Manager



# Inchcape Testing Services

NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-258-5591  
Fax. 214-258-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-2

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : FO-2  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids /1	0.01 %	84.1 %
Analyzed using ASTM D2216 mod. on 9-JAN-1995 by JLS QC Batch No : 345007F		

*Martin Jeffus jm*  
Martin Jeffus  
General Manager



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5391  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-3

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : UO-1  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
PREPARATION METHOD : EPA 3550  
PREPARED BY : CLT  
PREPARED ON : 16-JAN-1995  
ANALYSIS METHOD : EPA 8015M /1  
ANALYZED BY : S S  
ANALYZED ON : 16-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : AA937-41

TOTAL PETROLEUM HYDROCARBONS BY GC		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	10 mg/Kg	< 10 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
o-Terphenyl (SS)	100 mg/Kg	94.7 %

*Martin Jeffus jm*  
Martin Jeffus  
General Manager



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-258-5591  
Fax. 214-258-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-4

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : UO-2  
9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
ANALYSIS METHOD : EPA 8020 /1  
ANALYZED BY : LKD  
ANALYZED ON : 10-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : 25-010995

BTEX ANALYSIS			
TEST REQUESTED	DETECTION LIMIT		RESULTS
Benzene	2.0	µg/Kg	< 2.0 µg/Kg
Toluene	2.0	µg/Kg	< 2.0 µg/Kg
Ethyl benzene	2.0	µg/Kg	< 2.0 µg/Kg
Xylenes	2.0	µg/Kg	< 2.0 µg/Kg
BTEX (total)			< 2.0 µg/Kg #

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Bromofluorobenzene (SS)	50.0 µg/Kg	107 %

# Based upon Good Laboratory Practice, the result is rounded to the appropriate number of significant figures.

Martin Jeffus jm  
 \_\_\_\_\_  
 Martin Jeffus  
 General Manager



# Inchcape Testing Services

NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-4

REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : UO-2  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
PREPARATION METHOD : EPA 3550  
PREPARED BY : CLT  
PREPARED ON : 16-JAN-1995  
ANALYSIS METHOD : EPA 8015M /1  
ANALYZED BY : S S  
ANALYZED ON : 17-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : AA937-41

TOTAL PETROLEUM HYDROCARBONS BY GC		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	10 mg/Kg	< 10 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
o-Terphenyl (SS)	100 mg/Kg	83.1 %

*Martin Jeffus jm*  
\_\_\_\_\_  
Martin Jeffus  
General Manager



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-258-5591  
Fax. 214-258-5592

REPORT DATE : 17-JAN-1995

REPORT NUMBER : D95-138

SAMPLE SUBMITTED BY : IMS Environmental  
ATTENTION : Mr. Dirk Reineck  
PROJECT : 451-2030 Exxon SS#2-6140

### LABORATORY QUALITY CONTROL REPORT

ANALYTE	Benzene	Ethylbenzene	Benzene	Ethylbenzene	Total Petroleum Hydrocarbon
BATCH NO.	30-011095A	30-011095A	25-010995	25-010995	AA937-41
LCS LOT NO.	071594-1	071594-1	122094-A	122094-A	AB285-31
UNITS	µg/L	µg/L	µg/Kg	µg/Kg	mg/Kg
METHOD BLANK	ND	ND	ND	ND	ND
MS RECOVERY %	117	120	106	89.8	85.4
MSD RECOVERY %	115	118	106	88.6	80.2
MS/MSD RPD %	1.57	1.80	0.19	1.35	6.24
BS RECOVERY %	NA	NA	NA	NA	NA
BSD RECOVERY %	NA	NA	NA	NA	NA
BS/BSR RPD %	NA	NA	NA	NA	NA
DUPLICATE RPD %	NA	NA	NA	NA	NA
LCS RECOVERY %	118	120	102	95.8	84.8
SPIKE SAMPLE ID	138-5	138-5	137-2	137-2	138-1
DUP SAMPLE ID	---	---	---	---	---

ND  
NA

Not Detected  
Not applicable



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-4  
REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
: Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Soil  
ID MARKS : UO-2  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids /1	0.01 %	84.5 %
Analyzed using ASTM D2216 mod. on 9-JAN-1995 by JLS QC Batch No : 345007F		

*Martin Jeffus jm*  
\_\_\_\_\_  
Martin Jeffus  
General Manager



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5391  
Fax. 214-238-5592

DATE RECEIVED : 7-JAN-1995

REPORT NUMBER : D95-138-5  
REPORT DATE : 17-JAN-1995

SAMPLE SUBMITTED BY : IMS Environmental  
ADDRESS : 700 D Nelms Circle  
Fredericksburg, VA 22406  
ATTENTION : Mr. Dirk Reineck

SAMPLE MATRIX : Liquid  
ID MARKS : Trip Blank  
: 9901 Georgetown Pike  
PROJECT : 451-2030 Exxon SS#2-6140  
DATE SAMPLED : 5-JAN-1995  
ANALYSIS METHOD : EPA 8020 /1  
ANALYZED BY : VHT  
ANALYZED ON : 10-JAN-1995  
DILUTION FACTOR : 1  
METHOD FACTOR : 1  
QC BATCH NO : 30-011095A

BTEX ANALYSIS			
TEST REQUESTED	DETECTION LIMIT		RESULTS
Benzene	1.0	µg/L	< 1.0 µg/L
Toluene	1.0	µg/L	< 1.0 µg/L
Ethyl benzene	1.0	µg/L	< 1.0 µg/L
Xylenes	1.0	µg/L	< 1.0 µg/L
BTEX (total)			< 1.0 µg/L #

QUALITY CONTROL DATA			
SURROGATE COMPOUND	SPIKE LEVEL		SPIKE RECOVERED
Bromofluorobenzene	50.0	µg/L	108 %

# Based upon Good Laboratory Practice, the result is rounded to the appropriate number of significant figures.

*Martin Jeffus jm*  
Martin Jeffus  
General Manager

# CHAIN OF CUSTODY RECORD

**Inchcape Testing Services**  
NDRC Laboratories

1089 East Collins Blvd, Richardson, Texas 75081 (214) 238-5591 (Voice), (214) 238-5592 (Fax)  
Attn: Belinda Feuerbacher, Project Director

Consultant's Name: IMS Environmental Page 1 of 1  
 Address: 200 N Nelms Circle Fredericksburg VA 22406  
 Project: 9901 George Town Pike Exxon TEA Consultant Work Release #: 19433847  
 Project Contact: Dirk Rainell Phone: 7032329890 Fax: 7032329888 Laboratory Work Release #: 9500030  
 Alternate Contact: Bob Sawyer Phone: 7032329890 Fax: 7032329888 Site Location: 9901 George Town Pike  
 EXXON Contact: Jennifer Colvard (C&M circle one) Phone: 301-5137508 Fax: 301-5137551 EXXON RAS #: 2-6146  
 Sampled by (print): Anthony R. Hobbs Sampler's Signature: Anthony R. Hobbs

Shipment Method: Burlington Air Bill #: 533796771  
 Shipment Date: 1-6-95

SAMPLE ID	DATE	TIME	MATRIX WATER/SOIL	SAMPLE LOCATION/ DESCRIPTION	PRSV	ANALYSIS REQUIRED			Sample Condition as Received
						TPHC	352/359	Number of Containers	
FO-1	1-5-95	1300	Soil	excavation bottom	4%	X		1-402	Temperature: 9°C Cooler #: N/A Inbound Sealed: Yes Outbound Sealed: Yes
FO-2	1-5-95	1302	Soil	excavation wall	4%	X		2-402	
UO-1	1-5-95	1244	Soil	excavation bottom	4%	X		1-402	
UO-2	1-5-95	1242	Soil	excavation wall	4%	X		2-402	
ops				Water Trip Blanks					SCREENED FOR RADIOACTIVITY
				Blank					

Turn around time:  24 hr  48 hr  72 hr  Standard  Other  
 Total # of Containers: 8

(1) Relinquished by Signature	Date	(2) Relinquished by Signature	Date	(3) Relinquished by Signature	Date
<u>Anthony R. Hobbs</u>	1-6-95				
Company: <u>IMS Environmental</u>	Time: <u>0800</u>	Company:	Time:	Company:	Time:
(1) Received by Signature <u>R.W. Morgan</u>	Date: <u>1/2/95</u>	(2) Received by Signature	Date:	(3) Received by Signature	Date:
Company: <u>ITS</u>	Time: <u>1245</u>	Company:	Time:	Company:	Time:

Distribution: White - Original Yellow - Exxon Pink - NDRC Laboratories Green - Entered - Consultant  
 ORIGINAL  
 11/195



# Underground Storage Tank Facility Inspection Checklist

Inspection Type:  Informal  Formal

Facility ID # 2009310 Inspector: Medina Inspection Date: 12/13/06

## I. GENERAL FACILITY INFORMATION

Number of regulated USTs at facility: Total # 3  
 # in use 3 # closed in the ground      # temporarily closed      # out of service but improperly deactivated     

Facility Name  
 As Currently Posted: Exxon 2-6410  
 As Currently Registered: Exxon 2-6410  
 As Formerly Registered (if applicable):     

Facility Address  
 Street address: 9901 Georgetown Pike  
 City: Great Falls City/County: Fairfax  
 Phone: ( )       
 Latitude: 3      °N Longitude: 0      °W (use degrees and decimals)  
 Currently registered address       
 Formerly registered address (if applicable)     

Owner Information (according to onsite contact)  
 Current Tank Owner Name: Exxon Mobil  
 Owner Address: 3225  
 City:      State:      Zip:      Phone: ( )     

Facility Contact Onsite during inspection     

Potable Water Source: Public Water <u>    </u>
Deep Well <u>    </u> ; Shallow Well <u>    </u>
PC# <u>    </u> - <u>USED 0.1</u>
Fuel Supplier <u>    </u>
Suspected Release <u>    </u>
Length of Piping <u>    </u> feet

## II. INSPECTION SUMMARY

Apparent Noncompliance issues: Facility in compliance: Yes  No   
 Facility being reported to EPA as non-compliant

Registration (Circle all that apply.)  
 a. Not Registered    b. Registration Amendment Required    c. Closure Documentation Required

Spill Prevention

Overfill Prevention

Corrosion Protection (Circle all that apply.)  
 a. Tanks    b. Piping    c. Operation and Maintenance (if applicable)

Release Detection (Circle all that apply.)  
 a. Not Performed for Tanks    b. Not Performed for Pipes    c. Operation/Maintenance Issues

Financial Responsibility

Owner's expressed intent:  upgrade     replace     close     not available     other (explain in comments)

Inspector Comments/Schedule for completing work:  
      
      
      
      
    

Inspector's Signature: [Signature]

Event	Date	Initials
Code:		
Scanned		Page 1
QC		

Facility ID# 300250

Inspection Date: 12/13/06

**III. UST SYSTEM DESCRIPTION -- ACTIVE USTs**

**GENERAL INFORMATION:**

	Tank# <u>1</u>	Tank# <u>2</u>	Tank# <u>3</u>	Tank# <u>   </u>	Tank# <u>   </u>	Tank# <u>   </u>
Date Installed:	<u>5/22/87</u>	<u>5/22/87</u>	<u>5/22/87</u>	<u>   </u>	<u>   </u>	<u>   </u>
Date of Upgrade (if applicable):	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>
Tank Capacity (gallons):	<u>10000</u>	<u>10000</u>	<u>12000</u>	<u>   </u>	<u>   </u>	<u>   </u>
Substance Stored:	<u>Gas</u>	<u>Gas</u>	<u>Gas</u>	<u>   </u>	<u>   </u>	<u>   </u>
Fill ports marked? (circle one)	<u>Yes</u> /No	<u>Yes</u> /No	<u>Yes</u> /No	Yes/No	Yes/No	Yes/No

**SPILL PREVENTION**

Comments: NEW SPILL BUCKET

Spill Containment Device	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Required (xfers <25gals.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**OVERFILL PREVENTION**

Comments: I DID NOT VERIFY

Shutoff Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball Float	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Owner confirms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Form 7530 indicates present	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Required (xfers <25gals.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**CORROSION PROTECTION (TANK and PIPE)**

Comments: \_\_\_\_\_

	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe
Cathodically Protected Metal (Impressed or Galvanic)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass-- CP Not Required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Composite (Steel/Fiberglass)-- CP Not Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment / Double Walled-- CP Not Required (if nonmetallic)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lined Interior-- CP Not Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Approved Method Method name/type:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>GEO FLEX</u>									

Facility ID# 300 9810

Inspection Date: 12/13/06

**RELEASE DETECTION (TANK)**

Comments:

WELDER ROOT T.S. 30

Inventory Control & TTT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual Tank Gauging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Tank Gauging (ATG)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SIR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Approved Method	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Applicable (e.g. emergency generator UST)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**RELEASE DETECTION (PIPING)**

Comments:

**Pressurized and Gravity Fed Piping:**

Automatic Line Leak Detector (ALLD) + Annual Line Test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALLD + ATG/LLD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALLD + Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALLD + Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALLD + Interstitial Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALLD + Other Approved Methods(SIR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Suction Piping, Regulated:**

Line tightness testing	<input type="checkbox"/>					
Vapor Monitoring	<input type="checkbox"/>					
Groundwater Monitoring	<input type="checkbox"/>					
Interstitial Monitoring	<input type="checkbox"/>					
Other Approved Method (SIR)	<input type="checkbox"/>					

**Suction Piping - Unregulated**

Release Detection not required if check valve at dispenser & pipe slopes to tank	<input type="checkbox"/>					
Form 7530 indicates present	<input type="checkbox"/>					

**Gravity Fed Piping - Unregulated**

<input type="checkbox"/>						
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Facility ID# 2009810

Inspection Date: 12/13/06

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW**

INVENTORY CONTROL + TANK TIGHTNESS TESTING (TTT)						
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eligibility expiration date:	/ /	/ /	/ /	/ /	/ /	/ /
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>	month/year reviewed: / / ; / / ; / / ; / /					
Daily stick readings to 1/8"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monthly reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monthly water monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date of last TTT	/ /	/ /	/ /	/ /	/ /	/ /
Tank passed TTT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill line/access port with drop tube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>			
In serviceable condition	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>			
Comments:						

MANUAL TANK GAUGING						
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eligibility expiration date:	/ /	/ /	/ /	/ /	/ /	/ /
Tank is 2,000 gallons or less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>	month/year reviewed: / / ; / / ; / / ; / /					
Stick readings to 1/8"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Two liquid measurements taken	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Method is performed weekly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results variation within standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date last monitoring	/ /	/ /	/ /	/ /	/ /	/ /
Tank Tightness Test (TTT)						
Date of last TTT	/ /	/ /	/ /	/ /	/ /	/ /
Tank passed TTT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TTT NOT Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>			
In serviceable condition	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>			
Comments:						

Facility ID# 3029510

Inspection Date: 12/13/06

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

**AUTOMATIC TANK GAUGING (ATG)**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>						
month/year reviewed:	<u>8/06 7/06 5/06 10/07</u>					
Conducts monthly monitoring @ .2gph	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date last monitoring event.	<u>12/13/06</u>	<u>12/13/06</u>	<u>12/13/06</u>	<u>1/1</u>	<u>1/1</u>	<u>1/1</u>
System appears functional Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
ATG type/vendor	<u>VEEDER ROOT TLS 350</u>					

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**VAPOR MONITORING**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of vapor monitoring wells at facility. Number:	_____					
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>						
month/year reviewed:	____/____; ____/____; ____/____					
Data recorded monthly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date last monitoring event.	____/____	____/____	____/____	____/____	____/____	____/____
Wells adjacent to excavation Yes <input type="checkbox"/> No <input type="checkbox"/>						
Monitoring device operative Yes <input type="checkbox"/> No <input type="checkbox"/>						
Wells appear to be properly installed according to regulations Yes <input type="checkbox"/> No <input type="checkbox"/>						

Comments: \_\_\_\_\_

\_\_\_\_\_

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Facility ID# 3009810

Inspection Date: 12/13/06

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

**GROUNDWATER MONITORING**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>					
Number of release detection groundwater monitoring wells at facility. Number: _____						
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/> month/year reviewed: ___/___/___; ___/___/___; ___/___/___						
Data recorded monthly	<input type="checkbox"/>					
Date last monitoring event. ___/___/___						
Wells intercept or are adjacent to excavation zone Yes <input type="checkbox"/> No <input type="checkbox"/>						
Specific gravity < 1; immiscible	<input type="checkbox"/>					
Device detects 1/8" of free product Yes <input type="checkbox"/> No <input type="checkbox"/>						
If auto monitor, device operational Yes <input type="checkbox"/> No <input type="checkbox"/>						
Wells appear to be properly installed according to regulations Yes <input type="checkbox"/> No <input type="checkbox"/>						

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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**INTERSTITIAL MONITORING**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>					
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/> month/year reviewed: ___/___/___; ___/___/___; ___/___/___						
Type of detection equipment used: _____						
Date last monitoring event. ___/___/___						
Checked monthly; recorded	<input type="checkbox"/>					
System appears functional Yes <input type="checkbox"/> No <input type="checkbox"/>						

Comments: \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

Facility ID# 3009810

Inspection Date: 12/13/00

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

**SIR**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor name:	_____					
Method conducted at 0.2 gph leak rate or less	Yes <input type="checkbox"/> No <input type="checkbox"/>					
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>	month/year reviewed: <u>  </u> / <u>  </u> / <u>  </u> ;					
Date of last SIR report.	<u>  </u> / <u>  </u> / <u>  </u> ;					
Daily stick readings to 1/8"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>			
In serviceable condition	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>			
Results of "inconclusive" were investigated and corrected	Yes <input type="checkbox"/> No <input type="checkbox"/>					
System appears functional	Yes <input type="checkbox"/> No <input type="checkbox"/>					
Comments:	_____ _____ _____ _____ _____ _____					

**OTHER METHOD(S)**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specify type/vendor:	_____					
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>	month/year reviewed: <u>  </u> / <u>  </u> / <u>  </u> ;					
.2GPH (PD= 0.95; PFA 0.05)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uses Board approved method	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:	_____ _____ _____ _____ _____ _____					

Facility ID# 3009810

Inspection Date: 12/13/06

**V. PIPING RELEASE DETECTION -- DETAILED REVIEW**

**Release Detection For Pressurized & Gravity Fed Piping:**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
<b>Automatic Line Leak Detector (ALLD) Type:</b>						
Automatic flow restrictor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic shut-off device	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Continuous alarm system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Line Leak runs through ATG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manufacturer / Model:	<u>VEEDER ROOT</u>					
Not field verified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Form 7530 indicates present	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALLD Records: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Incomplete <input type="checkbox"/>						
ALLD tested past year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date of last test event:	____/____/____					
Not required <input checked="" type="checkbox"/> <u>ELECTRONIC</u>						
ALLD Passed Test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**AND Either Annual Line Tightness Test (ALTT) OR Monthly Monitoring:**

**Annual Line Tightness Testing**

ALTT Records: Yes  No  Incomplete

Lines tested in last 12 months	<input type="checkbox"/>					
Lines passed test	<input type="checkbox"/>					
Date last testing.	____/____/____					

**Monthly Monitoring (One method must be selected from the following list)**

Automatic tank gauging (ATG)

ATG Monthly monitor (0.2 gph)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATG Annual pipe test (0.1gph)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATG Records: Yes <input type="checkbox"/> No <input type="checkbox"/> Incomplete <input type="checkbox"/>	month/year reviewed: <u>7/06</u> <u>8/06</u> <u>9/06</u> <u>10/06</u>					
Lines passed ATG Test	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring data on file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date last monitoring.	<u>9/30/06</u>	<u>9/30/06</u>	<u>9/30/06</u>	____/____/____	____/____/____	____/____/____

Vapor monitoring	<input type="checkbox"/>					
Groundwater monitoring	<input type="checkbox"/>					
Interstitial monitoring	<input type="checkbox"/>					
Other approved method (e.g. SIR)	<input type="checkbox"/>					

**Release Detection For Regulated Suction Piping: (One method must be selected from the following list)**

Line Tightness Testing (every 3 yrs.)	<input type="checkbox"/>					
LTT Records: Yes <input type="checkbox"/> No <input type="checkbox"/> Incomplete <input type="checkbox"/>						

Facility ID# 3009410

Inspection Date: 12/13/06

Lines passed test	<input type="checkbox"/>					
Date last testing	/ /	/ /	/ /	/ /	/ /	/ /
Vapor monitoring	<input type="checkbox"/>					
Groundwater monitoring	<input type="checkbox"/>					
Interstitial monitoring	<input type="checkbox"/>					
Other method approved (e.g. SIR)	<input type="checkbox"/>					
Comments:						

**VI. CORROSION PROTECTION SYSTEM -- DETAILED REVIEW**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
<b>Type of Tank Corrosion Protection:</b>						
New / Existing Tank (Sti-P3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Upgraded "Existing" Tank: Date:	/ /	/ /	/ /	/ /	/ /	/ /
Impressed Current	<input type="checkbox"/>	<input type="checkbox"/>				
Sacrificial Anode(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Internal Lining	<input type="checkbox"/>	<input type="checkbox"/>				
Records: Yes <input type="checkbox"/> No <input type="checkbox"/> Incomplete <input type="checkbox"/>						
System passed CP test (-0.85V)	<input type="checkbox"/>	<input type="checkbox"/>				
Date of most recent test	/ /	/ /	/ /	/ /	/ /	/ /
Inspection every 60 days (if impressed current)	<input type="checkbox"/>	<input type="checkbox"/>				
Records of post-system failure test on file	<input type="checkbox"/>	<input type="checkbox"/>				
<b>For "existing" tanks upgraded with cathodic protection:</b>						
Acceptable tank assessment done prior: Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Tank <10 years old at time of upgrade:						
Monthly monitoring	<input type="checkbox"/>	<input type="checkbox"/>				
TTT prior + 6 mos. after upgrade	<input type="checkbox"/>	<input type="checkbox"/>				
Dates of TTTs: Date:	/ /	/ /	/ /	/ /	/ /	/ /
Date:	/ /	/ /	/ /	/ /	/ /	/ /
<b>Methods which are not dependent on tank age:</b>						
Internally Inspected	<input type="checkbox"/>	<input type="checkbox"/>				
ASTM ES40-94 (11/94-3/22/98)	<input type="checkbox"/>	<input type="checkbox"/>				

Facility ID# 3009810

Inspection Date: 12/13/06

ASTM Standard G158 (9/10/98 - present)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEP(Tank Environmental Profile) (3/22/98 - present)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Petroscope (Tanknology) (3/22/98 - present)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MTCF (3/22/98 - present) (Mean Time to Corrosion Failure)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UST Environmental (3/22/98 - present)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Approved Method: (Specify in comments)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Type of Piping Cathodic Protection:</b>						
New Metallic Piping w/anodes or Impressed Current	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upgraded Piping: Upgrade Date:	____/____/____					
Impressed Current	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sacrificial Anodes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records: Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> No Records <input type="checkbox"/>	month/year reviewed: ____/____; ____/____; ____/____					
System passed CP test (-0.85V)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date of most recent test	____/____/____					
Inspection every 60 days (if impressed current)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records of post-system failure test on file	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>						
_____						
_____						
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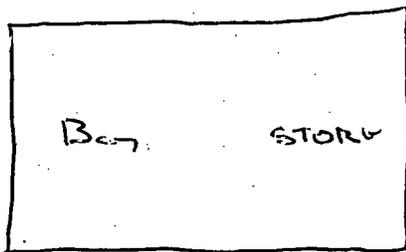


GEORGE TOWN PICK

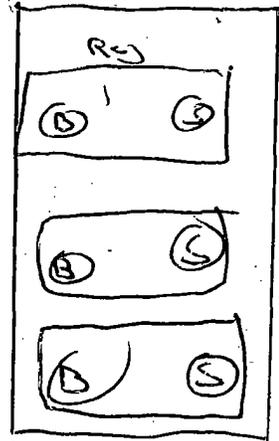
Walker



Dispensary



Program



VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

UST FACILITY CHECKLIST

059-457

Inspection Date: 7/2/98 Inspector: BILL DZEDA Facility ID # 3-009810

Facility Information:

Facility type:  Gas Station/Convenience Store  Commercial  Contractor  Trucking/Transport  Industrial  
(mark one)  Airport  Utilities  Railroad  Federal  State  Local Govt.  Other (Explain)

Facility Name: EXXON S/S 2-6140

Facility Address: 9901 GEORGETOWN PIKE JA 22066

City: GREENTOWN County: FARFAX Contact on-site: WAYNE HUNTINGTON

Phone: (703) 759 3367

Latitude: 38° 59' 50.9" Longitude: 77° 17' 17.9"

Geographic Location/Directions to Site: ACROSS FROM SHELL

Tank Owner Name: EXXON CO, USA

Owner Address: 6301 IVY LANE, SUITE 700

City: GREENBELT State: MD Zip: 20770

Contact Person: BUTCH MOCSARY Phone: 800 368 6963 ext 4173006

Does the facility owner also own the registered USTs?  Yes  No  See comments

Bureau of Weights & Measures - Station Listed:  Yes  No Multiple UST facility owner in Virginia?  Yes  No

General Inspection Information:

Number of regulated USTs at facility (write in number): Total # 3 (Optional: Number of ASTs at site: 1)

# 3 in-use # 0 out of service # 0 closed/abandoned in place

	Tank#	Tank #	Tank#	Tank#	Tank#
Date Closed	<u>/ /</u>				
Tank Capacity (gallons)	<u>    </u>				
Substance Stored	<u>    </u>				

# 0 USTs installed on/before December 22, 1988; # 3 USTs installed after December 22, 1988; 0 Unknown

Type(s) of product(s)/volume(s) of tanks (in general): GAS

Length of piping runs (estimate):      feet

Potable water source at the facility:  deep drilled well;  shallow bored well;  spring;  public water

Are observation/leak detection wells properly marked, located, and secured?  Yes  No  N/A

Are fill ports properly marked to identify substance stored?  Yes  No Any spills noted?  Yes  No

Inspector's Comments:

Facility appears to presently be in compliance?  Yes  No Is the facility registered?  Yes  No

Facility appears to be in compliance with the 1998 UST (spill, overflow, corrosion) equipment requirements?  Yes  No

Is key registration information (owner, facility name, address) accurate?  Yes  No

\*\*WHAT ARE THEIR PLANS FOR THE 1998 DEADLINE?  upgrade  replace  close

Event	Date	Initials
Code:		
Scanned		
QC		

Inspector's Signature: [Signature]

Site Representative: [Signature] Title: MGR.

Forms/brochures distributed:  Form 7530  "Doing Inventory Control Right"  "Don't Wait Until 1998"  Other  
 "Manual Tank Gauging"  "Straight Talk On Tanks"

# UST Inspection Checklist

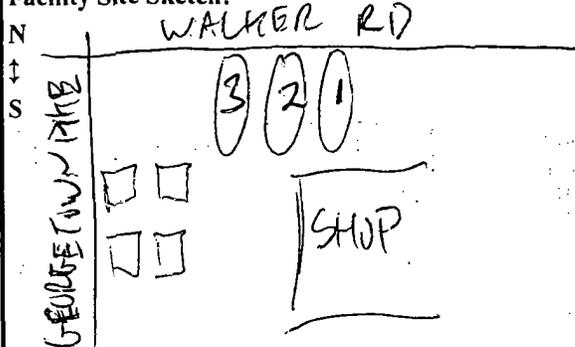
1. Facility Name: \_\_\_\_\_ 2. Facility ID#: \_\_\_\_\_  
 PC#: \_\_\_\_\_

3. New Installation: \_\_\_\_\_ 4. Existing Facility:  5. Possible LUST Site: \_\_\_\_\_ 6. Follow-up Visit: \_\_\_\_\_

UST SYSTEM INFORMATION:	Tank# 1	Tank# 2	Tank# 3	Tank#	Tank#
Date Installed:	1/1/95	1/1/95	1/1/95	1/1/	1/1/
Tank Capacity (gallons):	12K	10K	10K		
Substance Stored:	REG	MIS	H-HWT		
7. Spill Prevention (spill bucket; N/A for USTs w/transfers <25 gals.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
8. Overfill Prevention (shutoff valve; ball float, etc.; N/A for USTs w/transfers <25 gals.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
9. Corrosion Protection (Tank) (fiberglass; StIP-3; impressed current; etc.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
10. Corrosion Protection (Piping) (fiberglass; double-walled; impressed current; sacrificial anodes; etc.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
11. Release Detection: (See sections on pages 2 & 3)					
12. Inventory Control					
13. Tank Tightness Testing					
14. Manual Tank Gauging					
15. Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
16. Vapor Monitoring					
17. Groundwater Monitoring					
18. Interstitial Monitoring					
19. SIR (Statistical Inventory Recon.)					
20. Other Method(s)					

21. PIPING INFORMATION: (See section on page 4)	Tank#	Tank#	Tank#	Tank#	Tank#
22. Check one: Pressurized: (see lines 114-131)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Suction: (see lines 132-142)					
<b>For Pressurized Piping:</b>					
23. Automatic Line Leak Detector AND one of the following Release Detection methods:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
24. Vapor Monitoring					
25. Groundwater Monitoring					
26. Interstitial Monitoring					
27. Line Tightness Testing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
28. SIR					
29. Other Method					

**Facility Site Sketch:**



(For more space, site sketches may be made on the back of this sheet.)

30. Mark here _____ if method is: <b>INVENTORY CONTROL &amp; TANK TIGHTNESS TESTING</b>		Yes	No
31. Inventory records are on site.....		_____	_____
32. Stick readings are done daily.....		_____	_____
33. Date of most recent entry.....	Date:	___/___/___	
34. Records are reconciled monthly.....		_____	_____
35. Owner/operator can explain inventory method.....		_____	_____
36. Overages/shortages are less than 1% + 130 gallons of tank's flow through for each month's records.....		_____	_____
37. Records include monthly water monitoring.....		_____	_____
38. Fill line is fitted with a drop tube (or direct fill).....		_____	_____
39. Dipstick is marked legibly and can be read to the nearest 1/8 inch.....		_____	_____
40. Appropriate calibration chart is used for tank.....		_____	_____
41. Date and type of last tightness test (TTT).....	Type of Test: _____	Date: ___/___/___	
42. Did tank(s) pass tightness test.....		_____	_____

43. Mark here _____ if method is: <b>MANUAL TANK GAUGING</b>		Yes	No
44. Tank is 2,000 gallons or less.....		_____	_____
45. Monitoring records are on site.....		_____	_____
46. Method is performed weekly.....		_____	_____
47. Date of most recent monitoring event.....	Date:	___/___/___	
48. Records show liquid measurements are taken at beginning and end of a 36, 44, or 58 hour period.....		_____	_____
49. Monthly variation between begin and end readings is < the standard for tank size & waiting time.....		_____	_____
50. Dipstick is marked legibly and can be read to the nearest 1/8 inch.....		_____	_____
51. A tank tightness test is required with this method (1,000 - 2,000 gals. requires test).....		_____	_____
52. If so, date and type of last tightness test.....	Type of Test: _____	Date: ___/___/___	
53. If tested, did tank pass tightness test.....		_____	_____

54. Mark here _____ if method is: <b>AUTOMATIC TANK GAUGING</b>		Yes	No
55. <b>For Inventory Control + TTT (Check 55-61):</b> Inventory records are on site?...Date of last TTT <u>11/1/95</u> .....		<input checked="" type="checkbox"/>	_____
56. Records are reconciled monthly.....		<input checked="" type="checkbox"/>	_____
57. Date of most recent entry (and print out) of equipment.....	Date:	<u>7/1/98</u>	
58. Overages/shortages are less than 1% + 130 gals. of tank's flow through for each month's records.....		<input checked="" type="checkbox"/>	_____
59. Owner/operator can explain "inventory" method.....		<input checked="" type="checkbox"/>	_____
60. Device can measure height of product to nearest 1/8 inch.....		<input checked="" type="checkbox"/>	_____
61. Water in bottom of tank is checked monthly.....		<input checked="" type="checkbox"/>	_____
62. <b>For TTT only (Check 62-63):</b> Device was in test mode (0.2 gph or less) a minimum of once a month.....		<input checked="" type="checkbox"/>	_____
63. Date of last test mode.....	Date:	<u>7/1/98</u>	

64. Mark here _____ if method is: <b>VAPOR MONITORING</b>		Yes	No
65. Number of wells at facility.....	Number: _____	_____	_____
66. Wells are clearly marked and secured.....		_____	_____
67. Wells constructed so monitoring device is not rendered inoperative by moisture/interferences.....		_____	_____
68. Wells are free of debris or have other indications that they have been recently checked.....		_____	_____
69. Wells are placed within the excavation zone.....		_____	_____
70. UST excavation zone was assessed prior to tank installation.....		_____	_____
71. Level of background contamination is known? If so, what is the level: _____ ppm TPH.....		_____	_____
72. Type of equipment used in monitoring.....		_____	_____
73. Equipment to take readings is accessible and functional.....		_____	_____
74. Monitoring data are on site.....		_____	_____
75. Date of most recent monitoring event.....	Date:	___/___/___	

76. Mark here _____ if method is:	<b>GROUNDWATER MONITORING</b>	Yes	No
77. Number of wells at facility.....	Number: _____	_____	_____
78. Wells are clearly marked and secured.....		_____	_____
79. Wells are sealed to prevent surface water interference.....		_____	_____
80. Site assessment was performed prior to installation.....		_____	_____
81. Specific gravity of product is less than one.....		_____	_____
82. Soil hydraulic conductivity is not less than .01 cm/sec.....		_____	_____
83. Ground water is not more than 20 feet from ground surface.....		_____	_____
84. Monitoring device can detect at least 1/8 inch of product.....		_____	_____
85. If manually monitored, bailer is accessible and functional.....		_____	_____
86. If automatically monitored, monitoring box is operational.....		_____	_____
87. Monitoring data are on site.....		_____	_____
88. Date of most recent monitoring event:.....	Date: _____ / _____ / _____		

89. Mark here _____ if method is:	<b>INTERSTITIAL MONITORING</b>	Yes	No
90. Tanks are double-walled.....		_____	_____
91. Type of detection equipment used: _____			
92. Monitoring equipment is accessible and functional(go to line 97).....		_____	_____
93. Excavation is lined with secondary barrier.....		_____	_____
94. Secondary barrier's permeability is less than 10 <sup>-6</sup> cm/sec.....		_____	_____
95. Secondary barrier is compatible with substance stored.....		_____	_____
96. Barrier is below ground water or in 25 year flood plain.....		_____	_____
97. Monitoring data are on site.....		_____	_____
98. Date of most recent monitoring event:.....	Date: _____ / _____ / _____		

99. Mark here _____ if method is:	<b>SIR (STATISTICAL INVENTORY RECONCILIATION)</b>	Yes	No
100. Inventory records are on site.....		_____	_____
101. Records are reconciled monthly.....		_____	_____
102. Date of most recent entry (and report of analysis) from SIR vendor.....	Date: _____ / _____ / _____		
103. Results of "FAIL" were reported to DEQ within 24 hrs.....		_____	_____
104. Results of "INCONCLUSIVE" were investigated and corrected by the following month.....		_____	_____
105. Dipstick is marked legibly and can be read to the nearest 1/8 inch.....		_____	_____
106. A tank tightness test is required with this method.....		_____	_____
107. If so, type and date of last tightness test:.....	Type of Test: _____ Date: _____ / _____ / _____		
108. If tested, did tank pass tightness test.....		_____	_____

109. Mark here _____ if method is:	<b>OTHER METHOD(S) Specify type: _____</b>	Yes	No
110. Can the method detect a 0.2 gal. per hour leak rate or a release of 150 gals. within a month.....		_____	_____
111. With a probability of detection of 0.95 and a probability of false alarm of 0.05.....		_____	_____
112. OR, in lieu of the above, the Board has approved the method.....		_____	_____

Inspector Comments:

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**RELEASE DETECTION FOR PIPING**

	Yes	No
113.		
114. <b>Pressurized Piping: (A method must be selected from EACH SET)</b>		
115. <b>SET 1:</b>		
116. Automatic flow restrictor (go to lines 119 & 120).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
117. Automatic shut-off device (go to lines 119 & 120).....	<input type="checkbox"/>	<input type="checkbox"/>
118. Continuous alarm system (go to lines 119 & 120).....	<input type="checkbox"/>	<input type="checkbox"/>
119. Equipment tested in last 12 months.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
120. Date of last test:.....		Date: 10/1/97
121. <b>SET 2:</b>		
122. Annual line tightness testing.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
123. Lines tested in last 12 months.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
124. Date of last line tightness test:.....		Date: 10/1/97
125. Did lines pass test.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
126. Vapor monitoring (go to lines 129 & 130).....	<input type="checkbox"/>	<input type="checkbox"/>
127. Groundwater monitoring (go to lines 129 & 130).....	<input type="checkbox"/>	<input type="checkbox"/>
128. Interstitial monitoring or secondary containment (go to lines 129 & 130).....	<input type="checkbox"/>	<input type="checkbox"/>
129. Monitoring data are on site.....	<input type="checkbox"/>	<input type="checkbox"/>
130. Date of last monitoring event:.....		Date: / /
131. Other approved method (e.g. SIR).....	<input type="checkbox"/>	<input type="checkbox"/>
132. <b>Suction Piping: (One method must be selected from the following list)</b>		
133. Line tightness test required every 3 years.....	<input type="checkbox"/>	<input type="checkbox"/>
134. Date of last line tightness test:.....		Date: / /
135. Did lines pass test.....	<input type="checkbox"/>	<input type="checkbox"/>
136. Vapor monitoring (go to lines 139 & 140).....	<input type="checkbox"/>	<input type="checkbox"/>
137. Groundwater monitoring (go to lines 139 & 140).....	<input type="checkbox"/>	<input type="checkbox"/>
138. Interstitial monitoring or secondary containment (go to lines 139 & 140).....	<input type="checkbox"/>	<input type="checkbox"/>
139. Monitoring data are on site.....	<input type="checkbox"/>	<input type="checkbox"/>
140. Date of last monitoring event:.....		Date: / /
141. Other method approved (e.g. SIR).....	<input type="checkbox"/>	<input type="checkbox"/>
142. <b>Suction Piping: (NO LEAK DETECTION REQUIRED IF YES TO ALL OF THE FOLLOWING)</b>		
143. Operates at less than atmospheric pressure.....	<input type="checkbox"/>	<input type="checkbox"/>
144. Only check valve on the system is located under the pump.....	<input type="checkbox"/>	<input type="checkbox"/>
145. Slope of piping allows product to drain back into the tank.....	<input type="checkbox"/>	<input type="checkbox"/>
146. All above information on suction piping is verifiable.....	<input type="checkbox"/>	<input type="checkbox"/>

Inspector Comments:

RIS TTT 7-4-97

A, M, H TTT 11-1-95

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**UST FACILITY INSPECTION CHECKLIST**

1 Facility ID: <u>3009810</u>	PC#: <u>059-457</u>
2 Facility Name: <u>Exxon</u>	
3 Facility Location: <u>9901 Georgetown Pike Great Falls 22066</u>	
4 Owner's Name: <u>Exxon</u>	
5 Owner's Address: _____	

**PURPOSE OF INSPECTION:**

6 New Installation: <input checked="" type="checkbox"/> <u>89'</u>	8 Possible LUST Site:
7 Existing Facility:	9 Follow-up Visit:

10 TANK INFORMATION:	Tank	Tank	Tank	Tank	Tank
	1	2	3	4	5
11 Spill Prevention	✓	✓	✓	✓	
12 Overfill Prevention				✓	
13 Corrosion Protection (tank/piping)	Fiberglass			✓	
14 Release Detection:	(See sections on pages 2 & 3)				
15 Inventory Control + TTT					
16 Manual Tank Gauging					
17 Automatic Tank Gauge	✓	✓	✓		
18 Vapor Monitoring					
19 Groundwater Monitoring					
20 Interstitial Monitoring					
21 Other					

gabae  
ground

22 PIPING INFORMATION: (See section on page 4)	Tank	Tank	Tank	Tank	Tank
23 Check one: Pressurized:	✓	✓	✓		
Suction:					
24 Automatic Line Leak Detector: (and one of the following)	✓	✓	✓		
25 Vapor Monitoring					
26 Groundwater Monitoring					
27 Interstitial Monitoring					
28 Line Tightness Testing					

29 Inspector's Signature: <u>JL</u>	32 Date: <u>7/19/19</u>
30 Site Representative: _____	33 Date: _____
31 Representative's title: _____	

Event	Code:	Scanned	QC
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34	<b>INVENTORY CONTROL AND TANK TIGHTNESS TESTING</b>	Yes	No
35	Inventory records are on site		
36	Stick readings are done daily		
37	Date of most recent entry:		
38	Records are reconciled monthly		
39	Owner/operator can explain inventory method		
40	Overages or shortages are less than 1% + 130 gals of tank's flow through for each month's records		
41	Records include monthly water monitoring		
42	Fill line is fitted with a drop tube (or direct fill)		
43	Dipstick is marked legibly and can be read to the nearest 1/8 inch		
44	Appropriate calibration chart is used for tank		
45	Date and type of last tightness test:		
46	Did tank pass tightness test		
47	<b>MANUAL TANK GAUGING</b>	Yes	No
48	Tank is 2,000 gallons or less		
49	Monitoring records are on site		
50	Method is performed weekly		
51	Date of most recent monitoring event:		
52	Records indicate that the liquid measurements are taken at beginning and ending of a 36, 44, or 58 hour period		
53	Measurements are based on an average of two stick readings		
54	Monthly variation between beginning and ending readings is less than the standard for the tank size and waiting time		
55	Dipstick is marked legibly and can be read to the nearest 1/8 inch		
56	A tank tightness test is required with this method		
57	If so, date and type of last tightness test:		
58	If tested, did tank pass tightness test		
59	<b>AUTOMATIC TANK GAUGING</b>	Yes	No
60	Inventory records are on site	✓	
61	Records are reconciled monthly		
62	Date of most recent entry and print out of equipment:		
63	Overages or shortages are less than 1% + 130 gallons of tank's flow through for each month's records	✓	
64	Owner/operator can explain Inventory method	✓	
65	Device can measure height of product to nearest 1/8 inch	✓	
66	Water in bottom of tank is checked monthly		
67	Device was in test mode a minimum of once a month	✓	
68	Date of last test mode: 7/4/98		

69	VAPOR MONITORING	Yes	No
70 Number of wells at facility:			
71 Wells are clearly marked and secured			
72 Wells are constructed so that monitoring device is not rendered inoperative by moisture or other interferences			
73 Wells are free of debris or have other indications that they have been recently checked			
74 Wells are placed within the excavation zone			
75 UST excavation zone was assessed prior to tank installed			
76 Level of background contamination is known If so, what is the level:			
77 Type of equipment used in monitoring:			
78 Equipment to take readings is accessible and functional			
79 Monitoring data are on site			
80 Date of most recent monitoring event:			

81	GROUNDWATER MONITORING	Yes	No
82 Number of wells at facility:			
83 Wells are clearly marked and secured			
84 Wells are sealed to prevent surface water interference			
85 Site assessment was performed prior to installation			
86 Specific gravity of product is less than one			
87 Soil hydraulic conductivity is not less than .01 cm/sec			
88 Groundwater is not more than 20 feet from ground surface			
89 Monitoring device can detect at least 1/8 inch of product			
90 If manually monitored, bailer is accessible and functional			
91 If automatically monitored, monitoring box is operational			
92 Monitoring data are on site			
93 Date of most recent monitoring event:			

94	INTERSTITIAL MONITORING	Yes	No
95 Tanks are double-walled			
96 Type of detection equipment used:			
97 Monitoring Equipment is accessible and functional			
98 Excavation is lined with secondary barrier			
99 Secondary barrier's permeability is less than $10^{-6}$ cm/sec			
100 Secondary barrier is compatible with substance stored			
101 Barrier is below ground water or in 25 year flood plain			
102 Monitoring data are on site			
103 Date of most recent monitoring event:			

104	LEAK DETECTION FOR PIPING	Yes	No
105	Pressurized Piping: (A method must be selected from each set)		
106	SET 1:		
107	Automatic flow restrictor (go to lines 110 & 111)	<input checked="" type="checkbox"/>	
108	Automatic Shut-off device (go to lines 110 & 111)		
109	Continuous Alarm system (go to lines 110 & 111)		
110	Equipment tested in last 12 months		
111	Date of last test:		
112	SET 2:		
113	Annual line tightness testing		
114	Lines tested in last 12 months		
115	Date of last line tightness test:		
116	Did lines pass test		
117	Vapor monitoring (go to lines 120 & 121)		
118	Groundwater monitoring (go to lines 120 & 121)		
119	Interstitial monitoring or Secondary containment (go to lines 120 & 121)		
120	Monitoring data are on site		
121	Date of last monitoring event:		
122	Other approved method		
123	Suction Piping: (One method must be selected from the following list)		
124	Line tightness test required every 3 years		
125	Date of last line tightness test:		
126	Did lines pass test		
127	Vapor monitoring (go to lines 130 & 131)		
128	Groundwater monitoring (go to lines 130 & 131)		
129	Interstitial monitoring or Secondary containment (go to lines 130 & 131)		
130	Monitoring data are on site		
131	Date of last monitoring event:		
132	Other approved method		
133	Suction Piping: NO LEAK DETECTION REQUIRED IF YES TO ALL OF THE FOLLOWING:		
134	Operates at less than atmospheric pressure		
135	Only check valve on the system is located under the pump		
136	Slope of piping allows product to drain back into tank		
137	All above information on suction piping is verifiable		

Comments: \_\_\_\_\_

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Site Map (Optional)



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

John Paul Woodley, Jr.  
Secretary of Natural Resources

Gregory L. Clayton  
Regional Director

August 31, 2000

Mr. B.H. Hunter  
Regulatory Administrator  
Exxon Company U.S.A.  
P.O. Box 4386  
Houston, TX 77210-4386

**RE: Exxon 26140, 9901 Georgetown Rd., Great Falls 22066; Tank(s): Two 1,000 gallon used oil; one 1,000 gallon heating oil; FACID #3009810**

Dear Mr. Hunter:

Thank you for providing your amended notification form and supporting information documenting the permanent closure of the referenced tank(s) to the Department of Environmental Quality (DEQ).

Based upon the information you have provided regarding current site conditions, the Department believes that contamination levels at this site do not warrant further assessment. Should future environmental problems occur, which the DEQ determines are related to this site, additional investigation and corrective action may be required in accordance with State Law.

If you have any questions regarding this matter, please contact me at (703) 583-3814.

Sincerely,

Ron C. Linton  
Senior Geologist

STORMS OK  
3 Active UST's  
9/20/00  
ELG

Permit missing  
Case file closed  
OSPR had file S. 41  
10/4/00  
ELG

SOH/hs  
10/4/00

closetnk.frm  
cc: Chron  
FACID File 3009810

Event	Date	Initials
Code:		
Scanned		
QC		

# FMS Site Compliance Report

GVR ID: 107650  
Site Id: 26140

Period: 12/01/2005 to 12/04/2006

Customer: ExxonMobil  
3225 Gallows Rd  
Fairfax, VA 22037

Site: LIMOUUE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066-0000

Report Created: 12/04/2006 11:54 AM

## Tank Release Detection Results

Tank	Product	Test Date	Period	Type	Full Vol	Result
1	REGULAR	01/30/2006	01/2006	0.2 GPH Monthly	68%	Passed
2	PLUS	01/30/2006	01/2006	0.2 GPH Monthly	33%	Passed
3	SUPER	01/30/2006	01/2006	0.2 GPH Monthly	43%	Passed
1	REGULAR	02/27/2006	02/2006	0.2 GPH Monthly	58%	Passed
2	PLUS	02/27/2006	02/2006	0.2 GPH Monthly	28%	Passed
3	SUPER	02/27/2006	02/2006	0.2 GPH Monthly	38%	Passed
1	REGULAR	03/23/2006	03/2006	0.2 GPH Monthly	64%	Passed
2	PLUS	03/23/2006	03/2006	0.2 GPH Monthly	33%	Passed
3	SUPER	03/23/2006	03/2006	0.2 GPH Monthly	43%	Passed
1	REGULAR	04/05/2006	04/2006	0.2 GPH Monthly	69%	Passed
2	PLUS	04/05/2006	04/2006	0.2 GPH Monthly	34%	Passed
3	SUPER	04/05/2006	04/2006	0.2 GPH Monthly	47%	Passed
1	REGULAR	05/15/2006	05/2006	0.2 GPH Monthly	61%	Passed
2	PLUS	05/15/2006	05/2006	0.2 GPH Monthly	28%	Passed
3	SUPER	05/15/2006	05/2006	0.2 GPH Monthly	37%	Passed
1	REGULAR	06/05/2006	06/2006	0.2 GPH Monthly	62%	Passed
2	PLUS	06/05/2006	06/2006	0.2 GPH Monthly	27%	Passed
3	SUPER	06/05/2006	06/2006	0.2 GPH Monthly	42%	Passed
1	REGULAR	07/26/2006	07/2006	0.2 GPH Monthly	56%	Passed
2	PLUS	07/27/2006	07/2006	0.2 GPH Monthly	28%	Passed
3	SUPER	07/08/2006	07/2006	0.2 GPH Monthly	39%	Passed
1	REGULAR	08/23/2006	08/2006	0.2 GPH Monthly	70%	Passed
2	PLUS	08/25/2006	08/2006	0.2 GPH Monthly	41%	Passed
3	SUPER	08/23/2006	08/2006	0.2 GPH Monthly	45%	Passed
1	REGULAR	09/05/2006	09/2006	0.2 GPH Monthly	68%	Passed
2	PLUS	09/05/2006	09/2006	0.2 GPH Monthly	28%	Passed
3	SUPER	09/05/2006	09/2006	0.2 GPH Monthly	49%	Passed
1	REGULAR	10/05/2006	10/2006	0.2 GPH Monthly	64%	Passed
2	PLUS	10/05/2006	10/2006	0.2 GPH Monthly	24%	Passed
3	SUPER	10/05/2006	10/2006	0.2 GPH Monthly	42%	Passed
1	REGULAR	11/05/2006	11/2006	0.2 GPH Monthly	58%	Passed
2	PLUS	11/05/2006	11/2006	0.2 GPH Monthly	26%	Passed
3	SUPER	11/05/2006	11/2006	0.2 GPH Monthly	43%	Passed
1	REGULAR	12/29/2005	12/2005	0.2 GPH Monthly	45%	Passed
2	PLUS	12/29/2005	12/2005	0.2 GPH Monthly	23%	Passed
3	SUPER	12/29/2005	12/2005	0.2 GPH Monthly	30%	Passed

This report documents tank and line tests performed at the above location for the indicated date and period. This report and the tests performed are part of the ExxonMobil monitoring and reporting program, and are intended to satisfy federal EPA UST release detection and record keeping requirements Fuel Logistics Services

VR101: Page 1 of 5

Event	Date	Initials
Code:		
Scanned		
QC		

# FMS Site Compliance Report

GVR ID: 107650

Period: 12/01/2005 to 12/04/2006

Site Id: 26140

Customer: ExxonMobil

3225 Gallows Rd

Fairfax, VA 22037

Site: LIMOUUE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066-0000

Report Created: 12/04/2006 11:54 AM

## Line Release Detection Results

Line	Product	Test Date	Period	Type	Result
1	REGULAR	05/11/2005	01/2006	0.1 GPH Annual	Passed
2	PLUS	05/13/2005	01/2006	0.1 GPH Annual	Passed
3	SUPER	05/13/2005	01/2006	0.1 GPH Annual	Passed
1	REGULAR	05/11/2005	02/2006	0.1 GPH Annual	Passed
2	PLUS	05/13/2005	02/2006	0.1 GPH Annual	Passed
3	SUPER	05/13/2005	02/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	03/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	03/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	03/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	04/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	04/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	04/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	05/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	05/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	05/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	06/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	06/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	06/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	07/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	07/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	07/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	08/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	08/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	08/2006	0.1 GPH Annual	Passed
1	REGULAR	03/21/2006	09/2006	0.1 GPH Annual	Passed
2	PLUS	03/21/2006	09/2006	0.1 GPH Annual	Passed
3	SUPER	03/21/2006	09/2006	0.1 GPH Annual	Passed
1	REGULAR	09/20/2006	10/2006	0.1 GPH Annual	Passed
2	PLUS	09/20/2006	10/2006	0.1 GPH Annual	Passed
3	SUPER	09/20/2006	10/2006	0.1 GPH Annual	Passed
1	REGULAR	09/20/2006	11/2006	0.1 GPH Annual	Passed
2	PLUS	09/20/2006	11/2006	0.1 GPH Annual	Passed
3	SUPER	09/20/2006	11/2006	0.1 GPH Annual	Passed
1	REGULAR	05/11/2005	12/2005	0.1 GPH Annual	Passed
2	PLUS	05/13/2005	12/2005	0.1 GPH Annual	Passed
3	SUPER	05/13/2005	12/2005	0.1 GPH Annual	Passed

This report documents tank and line tests performed at the above location for the indicated date and period.  
This report and the tests performed are part of the ExxonMobil monitoring and reporting program, and  
are intended to satisfy federal EPA UST release detection and record keeping requirements Fuel Logistics Services

VR101: Page 2 of 5

# FMS Site Compliance Report

GVR ID: 107650

Site Id: 26140

Period: 12/01/2005 to 12/04/2006

Customer: ExxonMobil  
3225 Gallows Rd  
Fairfax, VA 22037

Site: LIMOUÉE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066-0000

Report Created: 12/04/2006 11:54 AM

## Sensor Status

Sensor Category	Sensor Label	Test Date	Period	Status
STP Sump	REG STP	01/16/2006	01/2006	Normal
STP Sump	PLUS STP	01/30/2006	01/2006	Normal
STP Sump	SUPER STP	01/30/2006	01/2006	Normal
Dispenser Pan	MPD 1-3	01/30/2006	01/2006	Normal
Dispenser Pan	MPD 2-4	01/30/2006	01/2006	Normal
Dispenser Pan	MPD 5-7	01/30/2006	01/2006	Normal
Dispenser Pan	MPD 6-8	01/30/2006	01/2006	Normal
STP Sump	REG STP	02/27/2006	02/2006	Sensor Water Out Alarm
STP Sump	PLUS STP	02/05/2006	02/2006	Normal
STP Sump	SUPER STP	02/27/2006	02/2006	Normal
Dispenser Pan	MPD 1-3	02/27/2006	02/2006	Normal
Dispenser Pan	MPD 2-4	02/27/2006	02/2006	Normal
Dispenser Pan	MPD 5-7	02/27/2006	02/2006	Normal
Dispenser Pan	MPD 6-8	02/27/2006	02/2006	Normal
STP Sump	REG STP	03/23/2006	03/2006	Normal
STP Sump	PLUS STP	03/23/2006	03/2006	Normal
STP Sump	SUPER STP	03/23/2006	03/2006	Normal
Dispenser Pan	MPD 1-3	03/23/2006	03/2006	Normal
Dispenser Pan	MPD 2-4	03/23/2006	03/2006	Normal
Dispenser Pan	MPD 5-7	03/23/2006	03/2006	Normal
Dispenser Pan	MPD 6-8	03/23/2006	03/2006	Normal
STP Sump	REG STP	04/05/2006	04/2006	Normal
STP Sump	PLUS STP	04/05/2006	04/2006	Normal
STP Sump	SUPER STP	04/05/2006	04/2006	Normal
Dispenser Pan	MPD 1-3	04/05/2006	04/2006	Normal
Dispenser Pan	MPD 2-4	04/05/2006	04/2006	Normal
Dispenser Pan	MPD 5-7	04/05/2006	04/2006	Normal
Dispenser Pan	MPD 6-8	04/05/2006	04/2006	Normal
STP Sump	REG STP	05/15/2006	05/2006	Normal
STP Sump	PLUS STP	05/15/2006	05/2006	Normal
STP Sump	SUPER STP	05/15/2006	05/2006	Normal
Dispenser Pan	MPD 1-3	05/15/2006	05/2006	Normal
Dispenser Pan	MPD 2-4	05/15/2006	05/2006	Normal
Dispenser Pan	MPD 5-7	05/15/2006	05/2006	Normal
Dispenser Pan	MPD 6-8	05/15/2006	05/2006	Normal
STP Sump	REG STP	06/05/2006	06/2006	Normal

This report documents tank and line tests performed at the above location for the indicated date and period.  
This report and the tests performed are part of the ExxonMobil monitoring and reporting program, and  
are intended to satisfy federal EPA UST release detection and record keeping requirements.

VR101: Page 3 of 5

# FMS Site Compliance Report

GVR ID: 107650

Period: 12/01/2005 to 12/04/2006

Site Id: 26140

Customer: ExxonMobil

3225 Gallows Rd

Fairfax, VA 22037

Site: LIMOUUE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066-0000

Report Created: 12/04/2006 11:54 AM

Sensor Category	Sensor Label	Test Date	Period	Status
STP Sump	PLUS STP	06/05/2006	06/2006	Normal
STP Sump	SUPER STP	06/05/2006	06/2006	Normal
Dispenser Pan	MPD 1-3	06/05/2006	06/2006	Normal
Dispenser Pan	MPD 2-4	06/05/2006	06/2006	Normal
Dispenser Pan	MPD 5-7	06/05/2006	06/2006	Normal
Dispenser Pan	MPD 6-8	06/05/2006	06/2006	Normal
STP Sump	REG STP	07/05/2006	07/2006	Sensor Water Out Alarm
STP Sump	PLUS STP	07/05/2006	07/2006	Sensor Water Out Alarm
STP Sump	SUPER STP	07/05/2006	07/2006	Normal
Dispenser Pan	MPD 1-3	07/05/2006	07/2006	Normal
Dispenser Pan	MPD 2-4	07/05/2006	07/2006	Normal
Dispenser Pan	MPD 5-7	07/05/2006	07/2006	Normal
Dispenser Pan	MPD 6-8	07/05/2006	07/2006	Normal
STP Sump	REG STP	08/05/2006	08/2006	Normal
STP Sump	PLUS STP	08/05/2006	08/2006	Normal
STP Sump	SUPER STP	08/05/2006	08/2006	Normal
Dispenser Pan	MPD 1-3	08/05/2006	08/2006	Normal
Dispenser Pan	MPD 2-4	08/05/2006	08/2006	Normal
Dispenser Pan	MPD 5-7	08/05/2006	08/2006	Normal
Dispenser Pan	MPD 6-8	08/05/2006	08/2006	Normal
STP Sump	REG STP	N/A	09/2006	
STP Sump	PLUS STP	N/A	09/2006	
STP Sump	SUPER STP	09/05/2006	09/2006	Normal
Dispenser Pan	MPD 1-3	09/05/2006	09/2006	Normal
Dispenser Pan	MPD 2-4	09/05/2006	09/2006	Normal
Dispenser Pan	MPD 5-7	09/05/2006	09/2006	Normal
Dispenser Pan	MPD 6-8	09/05/2006	09/2006	Normal
STP Sump	REG STP	10/05/2006	10/2006	Normal
STP Sump	PLUS STP	10/05/2006	10/2006	Normal
STP Sump	SUPER STP	10/05/2006	10/2006	Normal
Dispenser Pan	MPD 1-3	10/05/2006	10/2006	Normal
Dispenser Pan	MPD 2-4	10/05/2006	10/2006	Normal
Dispenser Pan	MPD 5-7	10/05/2006	10/2006	Normal
Dispenser Pan	MPD 6-8	10/05/2006	10/2006	Normal
STP Sump	REG STP	11/05/2006	11/2006	Normal
STP Sump	PLUS STP	11/05/2006	11/2006	Normal
STP Sump	SUPER STP	11/05/2006	11/2006	Normal

This report documents tank and line tests performed at the above location for the indicated date and period. This report and the tests performed are part of the ExxonMobil monitoring and reporting program, and are intended to satisfy federal EPA UST release detection and record keeping requirements Fuel Logistics Services

VR101: Page 4 of 5

# FMS Site Compliance Report

GVR ID: 107650  
Site Id: 26140

Period: 12/01/2005 to 12/04/2006

Customer: ExxonMobil  
3225 Gallows Rd  
Fairfax, VA 22037

Site: LIMOUUE ASSOCIATES INC  
9901 GEORGETOWN PIKE  
GREAT FALLS, VA 22066-0000

Report Created: 12/04/2006 11:54 AM

Sensor Category	Sensor Label	Test Date	Period	Status
Dispenser Pan	MPD 1-3	11/05/2006	11/2006	Normal
Dispenser Pan	MPD 2-4	11/05/2006	11/2006	Normal
Dispenser Pan	MPD 5-7	11/05/2006	11/2006	Normal
Dispenser Pan	MPD 6-8	11/05/2006	11/2006	Normal
STP Sump	REG STP	12/05/2005	12/2005	Normal
STP Sump	PLUS STP	12/29/2005	12/2005	Normal
STP Sump	SUPER STP	12/29/2005	12/2005	Normal
Dispenser Pan	MPD 1-3	12/29/2005	12/2005	Normal
Dispenser Pan	MPD 2-4	12/29/2005	12/2005	Normal
Dispenser Pan	MPD 5-7	12/29/2005	12/2005	Normal
Dispenser Pan	MPD 6-8	12/29/2005	12/2005	Normal

This report documents tank and line tests performed at the above location for the indicated date and period.  
This report and the tests performed are part of the ExxonMobil monitoring and reporting program, and  
are intended to satisfy federal EPA UST release detection and record keeping requirements Fuel Logistics Services  
VR101: Page 5 of 5

**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**

NDE ENVIRONMENTAL CORPORATION  
 8906 WALL STREET, SUITE 306  
 AUSTIN, TEXAS 78754  
 (512) 719-4633  
 FAX (512) 719-4986



**TEST RESULT SITE SUMMARY REPORT**

TEST TYPE: **Alert 1000-X**

NOV 7 1996

TEST DATE: **October 23, 1996**

WORK ORDER NUMBER: **626260**

Northern VA. Region  
 Dept. of Env. Quality

INVOICE DATE: **10/25/96**

INVOICE NUMBER: **42893**

CLIENT: **EXXON COMPANY U.S.A.**  
**800 BELL**  
**HOUSTON, TX 77092**

SITE: **EXXON 26140**  
**9901 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

*FIELD 3009810*

*Fairfax Co*

ATTN: **BILLY KUEHN**

The following tests were conducted at the site above in accordance with all applicable portions of Federal, NFP A and local regulations.

Line and Leak Detector Tests

TANK NUMBER	PRODUCT	VOLUME CHANGE (gph)				LINE RESULT (P=pass, F=fail, I=inconclusive)	LEAK DETECTOR PRESENT	LEAK DETECTOR RESULT
		A	B	C	D			
1	SUPREME							
2	PLUS							
3	REGULAR							

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative:  
**RICK ROACH**

Test conducted by:  
**STEPHEN LANE**

Event	Date	Initials
Code:		
Scanned		
QC		

Reviewed:

Technician Certification Number:

**INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT**  
**NDE ENVIRONMENTAL CORPORATION**



TEST DATE: **October 23, 1996**  
 CLIENT: **EXXON COMPANY U.S.A.**

WORK ORDER NUMBER: **626260**  
 SITE: **EXXON 26140**

TANK INFORMATION			
Tank ID:	1	Bottom to top fill in inches:	143.0
Product:	<b>SUPREME</b>	Bottom to grade fill in inches:	151.0
Capacity in gallons:	9,728	Fill pipe length in inches:	52.0
Diameter in inches:	92.00	Fill pipe diameter in inches:	4.0
Length in inches:	342	Stage I vapor recovery:	<b>DUAL</b>
Material:	<b>FIBERGLASS</b>	Stage II vapor recovery:	<b>ASSIST</b>
Tank:	<b>NO</b>		
Manifolded Vent:	<b>YES</b>		
V/R:	<b>YES</b>		
COMMENTS			

TANK TEST RESULTS
Test method: Psi at tank bottom: Fluid level in inches: UFT/OFT: Fluid volume in gallons: Water level in inches: <span style="float: right;">0.00</span> Test time: Number of thermisters: Specific gravity: Water table depth in inches: Determined by (method): Leak rate in gph: RESULT:
COMMENTS

LEAK DETECTOR RESULTS	
	New/passed detector      Failed/replaced detector
Test method: Make: Model: S/N: Open time in sec: Holding psi: Resiliency cc: Test leak rate ml/min: Metering psi: Calib. leak in gph: RESULT:	
COMMENTS	

ULLAGE TEST RESULTS
Test method: Test time: Ullage volume: Ullage pressure: RESULT:  DATA FOR UTS-4T ONLY:  Time of test 1: Temperature: Flow rate (cfh): Time of test 2: Temperature: Flow rate (cfh): Time of test 3: Temperature: Flow rate (cfh):
COMMENTS

LINE TEST RESULTS				
LINE	A	B	C	D
Material:	<b>ENVIROFLEX</b>			
Diameter (in):	2.0			
Length (ft):	120.0			
Test psi:				
Bleedback cc:				
Test time (min):				
Test 1: start time:				
finish psi:				
vol change cc:				
Test 2: start time:				
finish psi:				
vol change cc:				
Test 3: start time:				
finish psi:				
vol change cc:				
Final gph:				
RESULT:				
Test type:				
Pump type: <b>PRESSURE</b>	Pump make: <b>FE PETRO</b>			
COMMENTS				

**CERTIFICATION OF STAGE II VAPOR RECOVERY TESTING**

NDE ENVIRONMENTAL CORPORATION  
 8906 WALL STREET, SUITE 306  
 AUSTIN, TEXAS 78754  
 (512) 719-4633  
 FAX (512) 719-4986



TEST DATE: **October 23, 1996**

WORK ORDER NUMBER: **626260**

INVOICE DATE: **10/25/96**

INVOICE NUMBER: **42893**

CLIENT: **EXXON COMPANY U.S.A.**  
**800 BELL**  
**HOUSTON, TX 77092**

SITE: **EXXON 26140**  
**9901 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

ATTN: **BILLY KUEHN**

CONTACT:

PRODUCT NOZZLE TYPE & MANUFACTURER	DISPENSER	DYNAMIC BACK PRESSURE (DRY PRESSURE) Inches of water at flow rates:				VAPOR BLOCKAGE TEST (WET PRESSURE) Inches of water at flow rates:			
		20 cfh	60 cfh	100 cfh	Pass/ fail	20 cfh	60 cfh	100 cfh	Pass/ fail

**PRESSURE DECAY TEST**

TANK NUMBER	INITIAL PRESS.	1 min	2 min	3 min	4 min	5 min	Pass/ fail	COMMENTS
1	2.00	2.00	2.00	2.00	2.00	2.00	PASS	THERE WAS 10,000 GALLONS OF ULLAGE. THERE WERE 24 NOZZLES.

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative:  
**RICK ROACH**

Test conducted by:  
**STEPHEN LANE**

Reviewed by:

Technician Certification Number:

**SITE DIAGRAM**

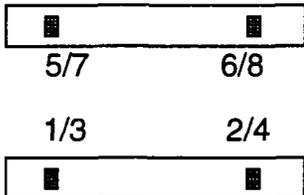
**NDE ENVIRONMENTAL CORPORATION**  
8906 WALL STREET, SUITE 306  
AUSTIN, TEXAS 78754  
(512) 719-4633  
FAX (512) 719-4986



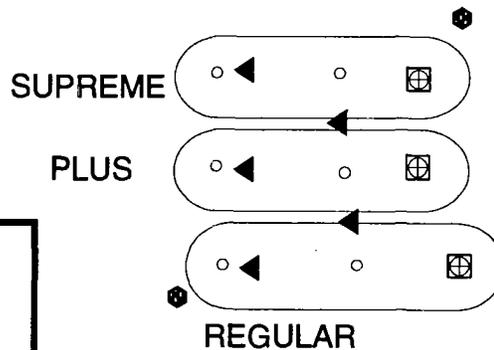
TEST DATE: October 23, 1996  
CLIENT: EXXON COMPANY U.S.A.

WORK ORDER NUMBER: 626260  
SITE: EXXON 26140

**GEORGETOWN PIKE**



EXXON 26140  
9901 GEORGETOWN PIKE  
GFEAT FALLS, VA 22066



- |                     |                |
|---------------------|----------------|
| CATHODIC TEST POINT | VAPOR RECOVERY |
| ○                   | ◀              |
| VENT                | SUB-PUMP       |
| ●                   | ◻              |
| DISPENSER           | OPENING        |
| ◻                   | ○              |
| MONITOR WELL        | CONE           |
| ⊙                   | *              |

**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**

NDE ENVIRONMENTAL CORPORATION  
 8906 WALL STREET, SUITE 306  
 AUSTIN, TEXAS 78754  
 (512) 719-4633  
 FAX (512) 719-4986



**RECEIVED**  
 NOV 4 1996

**TEST RESULT SITE SUMMARY REPORT**

TEST TYPE: **Sure Test**

TEST DATE: **October 15, 1996**

WORK ORDER NUMBER: **626076**

INVOICE DATE: **10/24/96**

INVOICE NUMBER: **42696**

Northern VA. Region  
 Dept. of Env. Quality

CLIENT: **EXXON COMPANY USA**  
**BILLY KUEHN**  
**4550 DACOMA 8TH FLOOR**  
**HOUSTON, TX 77092**

SITE: **EXXON 26140**  
**9901 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

ATTN: **BILLY KUEHN**

The following tests were conducted at the site above in accordance with all applicable portions of Federal, NFP A and local regulations.

Line and Leak Detector Tests

TANK NUMBER	PRODUCT	VOLUME CHANGE (gph)				LINE RESULT (P=pass, F=fail, I=inconclusive)	LEAK DETECTOR PRESENT	LEAK DETECTOR RESULT
		A	B	C	D			
1	SUPREME	0.030				P	YES	PASS
2	PLUS	0.013				P	YES	PASS
3	REGULAR	0.036				P	YES	PASS

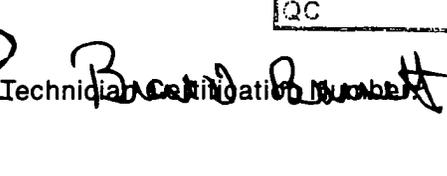
NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative:  
**RICK ROACH**

Test conducted by:  
**BRENT BARNETT**

Event	Date	Initials
Code:		
Scanned		
QC		

Reviewed:

Technician Certification Number

**INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT**  
**NDE ENVIRONMENTAL CORPORATION**



TEST DATE: **October 15, 1996**  
 CLIENT: **EXXON COMPANY USA**

WORK ORDER NUMBER: **626076**  
 SITE: **EXXON 26140**

**TANK INFORMATION**

Tank ID:	<b>1</b>	Bottom to top fill in inches:	<b>143.0</b>
Product:	<b>SUPREME</b>	Bottom to grade fill in inches:	<b>151.0</b>
Capacity in gallons:	<b>9,728</b>	Fill pipe length in inches:	<b>52.0</b>
Diameter in inches:	<b>92.00</b>	Fill pipe diameter in inches:	<b>4.0</b>
Length in inches:	<b>342</b>	Stage I vapor recovery:	<b>DUAL</b>
Material:	<b>FIBERGLASS</b>	Stage II vapor recovery:	<b>ASSIST</b>
Tank:	<b>NO</b>		
Manifolded Vent:	<b>YES</b>		
V/R:	<b>YES</b>		

**COMMENTS**

**TANK TEST RESULTS**

Test method:  
 Psi at tank bottom:  
 Fluid level in inches:  
 UFT/OFT:  
 Fluid volume in gallons:  
 Water level in inches: **0.00**  
 Test time:  
 Number of thermisters:  
 Specific gravity:  
 Water table depth in inches:  
 Determined by (method):  
 Leak rate in gph:  
 RESULT:

**COMMENTS**

**LEAK DETECTOR RESULTS**

	New/passed detector	Failed/replaced detector
Test method:	<b>FTA</b>	
Make:	<b>NONE</b>	
Model:		
S/N:	<b>?????????</b>	
Open time in sec:	<b>1.00</b>	
Holding psi:	<b>18</b>	
Resiliency cc:	<b>50</b>	
Test leak rate ml/min:	<b>189.0</b>	
Metering psi:	<b>10</b>	
Calib. leak in gph:	<b>3.00</b>	
RESULT:	<b>PASS</b>	

**COMMENTS**

**Emco Wheaton electronic Id. Mod # Q001-002**

**ULLAGE TEST RESULTS**

Test method:  
 Test time:  
 Ullage volume:  
 Ullage pressure:  
 RESULT:  
 DATA FOR UTS-4T ONLY:  
 Time of test 1:  
 Temperature:  
 Flow rate (cfh):  
 Time of test 2:  
 Temperature:  
 Flow rate (cfh):  
 Time of test 3:  
 Temperature:  
 Flow rate (cfh):

**COMMENTS**

**LINE TEST RESULTS**

	A	B	C	D
Material:	<b>ENVIROFLEX</b>			
Diameter (in):	<b>2.0</b>			
Length (ft):	<b>120.0</b>			
Test psi:	<b>50</b>			
Bleedback cc:	<b>74</b>			
Test time (min):	<b>30</b>			
Test 1: start time:	<b>13:45</b>			
finish psi:	<b>48</b>			
vol change cc:	<b>8</b>			
Test 2: start time:	<b>13:55</b>			
finish psi:	<b>48</b>			
vol change cc:	<b>7</b>			
Test 3: start time:	<b>14:05</b>			
finish psi:	<b>49</b>			
vol change cc:	<b>4</b>			
Final gph:	<b>0.030</b>			
RESULT:	<b>PASS</b>			

Test type: **Proline Test Series III**  
 Pump type: **PRESSURE** Pump make: **FE PETRO**

**COMMENTS**

**INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT**  
**NDE ENVIRONMENTAL CORPORATION**



TEST DATE: **October 15, 1996**  
 CLIENT: **EXXON COMPANY USA**

WORK ORDER NUMBER: **626076**  
 SITE: **EXXON 26140**

**TANK INFORMATION**

Tank ID:	<b>2</b>	Bottom to top fill in inches:	<b>143.0</b>
Product:	<b>PLUS</b>	Bottom to grade fill in inches:	<b>149.0</b>
Capacity in gallons:	<b>9,728</b>	Fill pipe length in inches:	<b>51.0</b>
Diameter in inches:	<b>92.00</b>	Fill pipe diameter in inches:	<b>4.0</b>
Length in inches:	<b>342</b>	Stage I vapor recovery:	<b>DUAL</b>
Material:	<b>FIBERGLASS</b>	Stage II vapor recovery:	<b>ASSIST</b>
Tank:	<b>NO</b>		
Manifolded:	<b>YES</b>		
Vent:	<b>YES</b>		
V/R:	<b>YES</b>		

**COMMENTS**

**TANK TEST RESULTS**

Test method:  
 Psi at tank bottom:  
 Fluid level in inches:  
 UFT/OFT:  
 Fluid volume in gallons:  
 Water level in inches:  
 Test time:  
 Number of thermisters:  
 Specific gravity:  
 Water table depth in inches:  
 Determined by (method):  
 Leak rate in gph:  
 RESULT:

**COMMENTS**

**LEAK DETECTOR RESULTS**

	New/passed detector	Failed/replaced detector
Test method:	<b>FTA</b>	
Make:		
Model:		
S/N:	<b>?????????</b>	
Open time in sec:	<b>1.00</b>	
Holding psi:	<b>17</b>	
Resiliency cc:	<b>55</b>	
Test leak rate ml/min:	<b>189.0</b>	
Metering psi:	<b>8</b>	
Calib. leak in gph:	<b>3.00</b>	
RESULT:	<b>PASS</b>	

**COMMENTS**  
**Emco Wheaton Electronic Id. Mod # Q001-002**

**ULLAGE TEST RESULTS**

Test method:  
 Test time:  
 Ullage volume:  
 Ullage pressure:  
 RESULT:  
 DATA FOR UTS-4T ONLY:  
 Time of test 1:  
 Temperature:  
 Flow rate (cfh):  
 Time of test 2:  
 Temperature:  
 Flow rate (cfh):  
 Time of test 3:  
 Temperature:  
 Flow rate (cfh):

**COMMENTS**

**LINE TEST RESULTS**

	A	B	C	D
Material:	<b>ENVIROFLEX</b>			
Diameter (in):	<b>2.0</b>			
Length (ft):	<b>120.0</b>			
Test psi:	<b>50</b>			
Bleedback cc:	<b>66</b>			
Test time (min):	<b>30</b>			
Test 1: start time:	<b>09:37</b>			
finish psi:	<b>48</b>			
vol change cc:	<b>5</b>			
Test 2: start time:	<b>09:47</b>			
finish psi:	<b>49</b>			
vol change cc:	<b>3</b>			
Test 3: start time:	<b>09:57</b>			
finish psi:	<b>50</b>			
vol change cc:	<b>0</b>			
Final gph:	<b>0.013</b>			
RESULT:	<b>PASS</b>			

Test type: **Proline Test Series III**  
 Pump type: **PRESSURE**      Pump make: **FE PETRO**

**COMMENTS**

**INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT**  
**NDE ENVIRONMENTAL CORPORATION**



TEST DATE: **October 15, 1996**  
 CLIENT: **EXXON COMPANY USA**

WORK ORDER NUMBER: **626076**  
 SITE: **EXXON 26140**

TANK INFORMATION			
Tank ID:	<b>3</b>	Bottom to top fill in inches:	<b>150.5</b>
Product:	<b>REGULAR</b>	Bottom to grade fill in inches:	<b>156.5</b>
Capacity in gallons:	<b>11,627</b>	Fill pipe length in inches:	<b>59.0</b>
Diameter in inches:	<b>92.00</b>	Fill pipe diameter in inches:	<b>4.0</b>
Length in inches:	<b>409</b>	Stage I vapor recovery:	<b>DUAL</b>
Material:	<b>FIBERGLASS</b>	Stage II vapor recovery:	<b>ASSIST</b>
Tank:	<b>NO</b>		
Manifolded Vent:	<b>YES</b>		
V/R:	<b>YES</b>		
COMMENTS			

TANK TEST RESULTS
Test method:
Psi at tank bottom:
Fluid level in inches:
UFT/OFT:
Fluid volume in gallons:
Water level in inches:
Test time:
Number of thermisters:
Specific gravity:
Water table depth in inches:
Determined by (method):
Leak rate in gph:
RESULT:
COMMENTS

LEAK DETECTOR RESULTS	
	New/passed detector
	Failed/replaced detector
Test method:	<b>FTA</b>
Make:	
Model:	
S/N:	??????????
Open time in sec:	<b>1.00</b>
Holding psi:	<b>17</b>
Resiliency cc:	<b>50</b>
Test leak rate ml/min:	<b>189.0</b>
Metering psi:	<b>9</b>
Calib. leak in gph:	<b>3.00</b>
RESULT:	<b>PASS</b>
COMMENTS	
Emco Wheaton electronic ld mod # Q001-002	

ULLAGE TEST RESULTS
Test method:
Test time:
Ullage volume:
Ullage pressure:
RESULT:
DATA FOR UTS-4T ONLY:
Time of test 1:
Temperature:
Flow rate (cfh):
Time of test 2:
Temperature:
Flow rate (cfh):
Time of test 3:
Temperature:
Flow rate (cfh):
COMMENTS

LINE TEST RESULTS				
LINE	A	B	C	D
Material:	<b>ENVIROFLEX</b>			
Diameter (in):	<b>2.0</b>			
Length (ft):	<b>120.0</b>			
Test psi:	<b>5</b>			
Bleedback cc:	<b>81</b>			
Test time (min):	<b>30</b>			
Test 1: start time:	<b>08:53</b>			
finish psi:	<b>48</b>			
vol change cc:	<b>14</b>			
Test 2: start time:	<b>09:03</b>			
finish psi:	<b>48</b>			
vol change cc:	<b>6</b>			
Test 3: start time:	<b>09:13</b>			
finish psi:	<b>49</b>			
vol change cc:	<b>3</b>			
Final gph:	<b>0.036</b>			
RESULT:	<b>PASS</b>			
Test type:	<b>Proline Test Series III</b>			
Pump type:	<b>PRESSURE</b>	Pump make:	<b>FE PETRO</b>	
COMMENTS				

**CERTIFICATION OF STAGE II VAPOR RECOVERY TESTING**

NDE ENVIRONMENTAL CORPORATION  
 8906 WALL STREET, SUITE 306  
 AUSTIN, TEXAS 78754  
 (512) 719-4633  
 FAX (512) 719-4986



TEST DATE: **October 15, 1996**

WORK ORDER NUMBER: **626076**

INVOICE DATE: **10/24/96**

INVOICE NUMBER: **42696**

CLIENT: **EXXON COMPANY USA**  
**BILLY KUEHN**  
**4550 DACOMA 8TH FLOOR**  
**HOUSTON, TX 77092**

SITE: **EXXON 26140**  
**9901 GEORGETOWN PIKE**  
**GREAT FALLS, VA 22066**

ATTN: **BILLY KUEHN**

CONTACT:

PRODUCT NOZZLE TYPE & MANUFACTURER	DISPENSER	DYNAMIC BACK PRESSURE (DRY PRESSURE) Inches of water at flow rates:				VAPOR BLOCKAGE TEST (WET PRESSURE) Inches of water at flow rates:			
		20 cfh	60 cfh	100 cfh	Pass/ fail	20 cfh	60 cfh	100 cfh	Pass/ fail

**PRESSURE DECAY TEST**

TANK NUMBER	INITIAL PRESS.	1 min	2 min	3 min	4 min	5 min	Pass/ fail	COMMENTS
1	5.00	4.92	4.86	4.75	4.68	4.62	FAIL	Ullage - 13001 gal; Nozzles - 24;

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative:

Test conducted by:

**RICK ROACH**

**BRENT BARNETT**

Reviewed by:

*Brent D. Barnett*  
 Technician Certification Number:

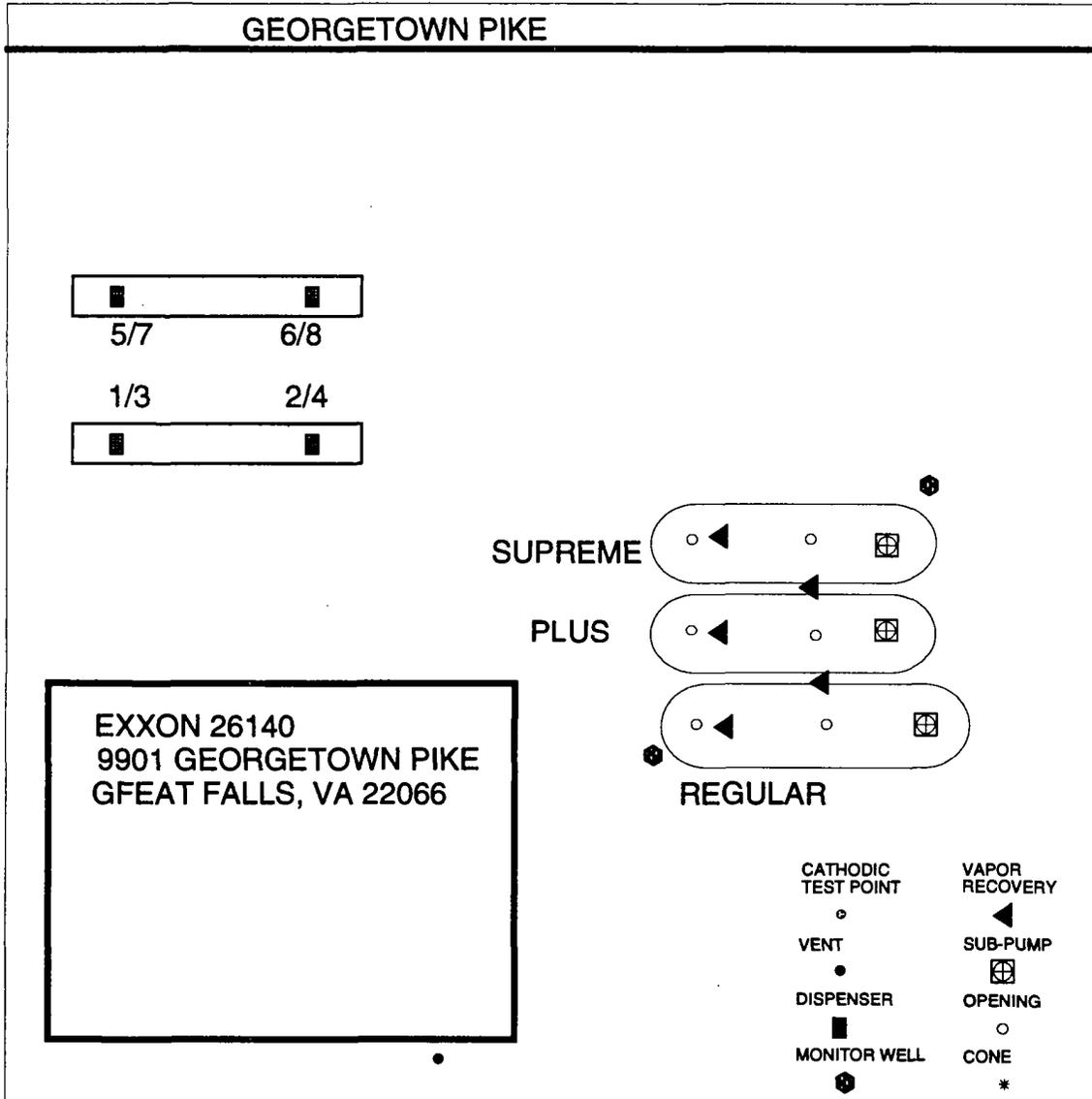
**SITE DIAGRAM**

**NDE ENVIRONMENTAL CORPORATION**  
8906 WALL STREET, SUITE 306  
AUSTIN, TEXAS 78754  
(512) 719-4633  
FAX (512) 719-4986



TEST DATE: October 15, 1996  
CLIENT: EXXON COMPANY USA

WORK ORDER NUMBER: 626076  
SITE: EXXON 26140





# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN VIRGINIA REGIONAL OFFICE

13901 Crown Court, Woodbridge, Virginia 22193

(703) 583-3800 Fax (703) 583-3801

www.deq.virginia.gov

L. Preston Bryant, Jr.  
Secretary of Natural Resources

David K. Paylor  
Director

Jeffery A. Steers  
Regional Director

December 19, 2006

ExxonMobil

C/O Gilbarco/Veeder-Root

Via e-mail to: [lastroth@veeder.com](mailto:lastroth@veeder.com), [adriane.r.simon@exxonmobil.com](mailto:adriane.r.simon@exxonmobil.com)

**Re: Underground Storage Tank (UST) inspection at Exxon 2-6410  
9901 Georgetown Pike, Great Falls, VA 22066 (Facility ID # 3009810)**

Dear Tank Owner:

On December 13, 2006 the Virginia Department of Environmental Quality (DEQ), Northern Regional Office (NRO) conducted a formal UST compliance inspection at the referenced facility with a technician from F.W. Baird. No issues were noted during the inspection. However, Exxon's registration form submitted in 1995 indicated that the UST's product piping was constructed of fiberglass. A line test report (performed by NDE) provided to this office (by Exxon) in 1996, indicated that that product piping was Enviroflex piping. On October 5, 2006, Exxon submitted a 7530-2 registration form which indicated that the product piping had been upgraded. The facility now has Geoflex product piping. I have changed our database to reflect that the product piping is Geoflex. I have also indicated in the database that this office did not receive a closure assessment for the original fiberglass product piping.

The cooperation and assistance provided by Mr. Kenny Moore of F.W. Baird during this inspection was greatly appreciated. Please call me at (703) 583-3832 if you have any questions.

Sincerely,

*Jeffrey Modliszewski sent via e-mail*

Jeffrey Modliszewski  
UST Inspector

Event	Date	Initials
Code:		
Scanned		
QC		

**COMMONWEALTH OF VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**UST FACILITY LEAK DETECTION**

**General Information:**

Station Name: Exxon  
 Station I.D. #: 3009810  
 Contact: Mr. Cho iniere  
 Phone: (703) 759-3367  
 Inspection Date: July 19, 1995

Address: 9901 Georgetown Pike  
 Great Falls, VA 22066

**Release/Leak Detection Deficiencies Noted:**

The following deficiencies were noted and must be corrected. Provide a report to the address indicated below by **August 21, 1995** stating the corrective action taken to redress these deficiencies.

<input type="checkbox"/>	Line tightness test must be conducted annually.
<input type="checkbox"/>	Tank tightness test must be conducted annually.
<input type="checkbox"/>	Tank tightness test must be conducted every five years.
<input type="checkbox"/>	Monthly inventory reconciliation must be conducted according to established guidelines.*
<input type="checkbox"/>	Tank gauging stick must be replaced.
<input type="checkbox"/>	Inventory control methods are not in compliance.*
<input type="checkbox"/>	Tankfield observation lids must be replaced with proper monitoring well lids.
<input type="checkbox"/>	Line leak detector must be tested annually.
<input type="checkbox"/>	Tanks must be checked for water once a month and results recorded.
<input type="checkbox"/>	Waste oil tank has no leak detection.
<input type="checkbox"/>	Stick readings are not being recorded to an 1/8 of an inch.
<input type="checkbox"/>	Inches-to-gallons conversions must be accurate to approximately 1/8 of an inch.
<input type="checkbox"/>	Spill bucket(s) identified during the inspection must be repaired.
<input type="checkbox"/>	Tank(s) with suction piping must have line tightness tested every 3 years.
<input type="checkbox"/>	Sloppy housekeeping practices noted during the inspection. Spillage must be cleaned up.
<input type="checkbox"/>	Records for tank systems concerning UST regulations not readily available.

**COPIES OF THE FOLLOWING RECORDS/REPORTS MUST BE SUBMITTED TO THE ADDRESS INDICATED BY August 21, 1995.**

<input type="checkbox"/>	Inventory control reconciliations for the last 2 complete months.	<b>MAIL TO:</b> Department of Environmental Quality ATTN: Billy von Till 1549 Old Bridge Road, Site 108 Woodbridge, Virginia 22192
<input type="checkbox"/>	Tank tightness testing results.	
<input checked="" type="checkbox"/>	Line testing results.	
<input checked="" type="checkbox"/>	Line leak detector annual test report.	
<input checked="" type="checkbox"/>	7530 Form. Mail to address on form.	

**Our records show that the waste oil is still underground. If a 7530 form was completed upon removal of the waste oil tank, then a new one is not needed. If not, then the 7530 should be filled out to show that the underground waste oil tank has been removed.**

Code:	Date:	Initials:
Scanned		
QC		

**ATTACHMENT F**  
**PHASE I ESA FIELD RECORDS**



## Phase I ESA Questionnaire

**Project Name:**

**Site Address:**

**Project No.:**

The Authority requires the completion of its Environmental Questionnaire and Disclosure Statement to fulfill the Sec. 9 requirements of the ASTM Standard. **The checklist is to be completed and signed by the property seller, returned to Groundwater & Environmental Services, Inc. (GES) for review, and included in their Phase I Environmental Site Assessment.**

In preparing this document the property owner must in good faith answer the questions in the checklist. Time and care should be taken to check whatever records are in the owner's possession.

The property owner should document the reason for any affirmative answer to provide GES with all appropriate information. Moreover, GES will determine if further inquiry in any area where the property owner provides incomplete information and then give reasons for the conclusion.

**Purchaser:** \_\_\_\_\_

**Telephone No.:** \_\_\_\_\_

**Owner/Seller:** \_\_\_\_\_

**Telephone No.:** \_\_\_\_\_

1a. **Land use:** Is the property or adjoining property used for manufacturing or industrial use? Adjoining properties include those that border the immediate site and include properties across the street from the property.

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

**Property:** \_\_\_\_\_

**Adjoining property north:** \_\_\_\_\_

**Adjoining property south:** \_\_\_\_\_

**Adjoining property east:** \_\_\_\_\_

**Adjoining property west:** \_\_\_\_\_

1b. Has the property or adjoining property been used for manufacturing or industrial purposes in the past?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

**Owner / Use / Date(s)**

**Previous use:** \_\_\_\_\_

**Previous use (north):** \_\_\_\_\_

**Previous use (south):** \_\_\_\_\_

**Previous use (east):** \_\_\_\_\_

**Previous use (west):** \_\_\_\_\_

2a. Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

2b. Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

3a. Did you observe evidence or do you have prior knowledge that the *property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

3b. Did you observe evidence or do you have prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

4a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers > 5 gal (19 L) in volume or 50 gal (280 L) in the aggregate, stored on or used at the *property* or at the facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

4b. Did you observe evidence or do you have prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers > 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility.

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

5a. Are there currently any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

5b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial *drums* typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

6a. Did you observe evidence or do you have prior knowledge the *fill dirt* has been brought onto the property that originated from a contaminated site?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

6b. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the property that is of an unknown origin?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

7a. Are there currently any *pits, ponds, or lagoons* located on the *property* in connection with waste treatment or waste disposal?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

7b. Did you observe evidence or do you have any prior knowledge that there have been any *pits, ponds, or lagoons* located on the *property* in connection with waste treatment or waste disposal?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

8a. Is there currently any stained soil on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

8b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

9a. Are there currently any registered or unregistered storage tanks (above or underground) located on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

9b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

10a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* adjacent to any structure located on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

10b. Did you observe evidence or do you have any prior knowledge that there have been previously , any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

11a. Are there currently any flooring drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

11b. Did you observe evidence or do you have any prior knowledge that there have been previously any flooring drains, or walls within the facility that were stained by substances other than water or were emitting foul odors?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

12a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

12b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government/health agency?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

- 13a. Does the *owner* or *occupant* of the *property* have any knowledge of *environmental liens* or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*?
- \_\_\_ YES \_\_\_ NO (If "YES", please describe below)
- 14a. Has the *owner* or *occupant* of the *property* been informed of the current existence of *hazardous substance* or *petroleum products* with respect to the *property* or any facility located on the *property*?
- \_\_\_ YES \_\_\_ NO (If "YES", please describe below)
- 14b. Has the *owner* or *occupant* of the *property* been informed of the past existence of *hazardous substance* or *petroleum products* with respect to the *property* or any facility located on the *property*?
- \_\_\_ YES \_\_\_ NO (If "YES", please describe below)
- 14c. Has the *owner* or *occupant* of the *property* been informed of the current existence of the environmental violations with respect to the *property* or any facility located on the *property*?
- \_\_\_ YES \_\_\_ NO (If "YES", please describe below)
- 14d. Has the *owner* or *occupant* of the *property* been informed of the past existence of the environmental violations with respect to the *property* or any facility located on the *property*?
- \_\_\_ YES \_\_\_ NO (If "YES", please describe below)
15. Does the *owner* or *occupant* of the *property* have any knowledge of any *environmental site assessment* of the *property* or that indicated the presence of *hazardous substances* or *petroleum products* on, contamination of, the *property* or recommended further assessment of the *property*?
- \_\_\_ YES \_\_\_ NO (If "YES", please describe below)

16. Does the *owner* or *occupant* of the *property* know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any *hazardous substance* or *petroleum products* involving the *property* by any owner or occupant of the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

17a. Does the *property* discharge waste water, on or adjacent to the *property*, other than storm water, directly to a ditch or stream?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

17b. Does the *property* discharge waste water, on or adjacent to the *property*, other than storm water, into a storm water sewer system?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

17c. Does the *property* discharge waste water, on or adjacent to the *property*, other than storm water, into a sanitary sewer system?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

18. Did you observe evidence or do you have any prior knowledge that any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries. Or any other waste materials have been dumped above grade, buried, and/or burned on the *property*?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

19. Does the property or any buildings located on the property contain any asbestos?

\_\_\_ YES \_\_\_ NO (If "YES", please describe below)

20. Have **polychlorinated biphenyl's (PCBs)** been used in electrical transformers, capacitors, or other equipment at the property?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)
21. Has the property or any buildings located on the property been tested for **radon**?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)
22. Does the property or any buildings located on the property contain any **urea-formaldehyde** materials?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)
23. Does the property or any buildings located on the property contain any **lead-based** paint or **lead** plumbing?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)
24. Does the purchase and/or sales price of this property reflect the presence of hazardous substances on the property?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)
25. Have pesticides, herbicides, or other agricultural chemicals been stored, mixed on, or applied to the property?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)
26. Does an underground high-pressure petroleum pipeline traverse the study property?  
\_\_\_\_ YES \_\_\_\_ NO (If "YES", please describe below)

27. What year was the current structure built? \_\_\_\_\_  
What year did the current owner retain ownership of the study property? \_\_\_\_\_

28. Who currently supplies the study property with the following utilities?

**Water (if well what is the size, type, & location):** \_\_\_\_\_  
\_\_\_\_\_

**Sanitary Sewer:** \_\_\_\_\_

**Electricity:** \_\_\_\_\_

**Natural Gas:** \_\_\_\_\_

**Telephone Services:** \_\_\_\_\_

**Solid Waste Disposal:** \_\_\_\_\_

29. What is the property tax I.D. number and legal description? (Please attach legal description)

30. This questionnaire was completed by:

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Telephone Number:** \_\_\_\_\_

**Relationship to Site:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**ATTACHMENT G**

**QUALIFICATIONS OF PARTICIPATING  
ENVIRONMENTAL PROFESSIONALS**

## JUSTIN ARIAS

*Technical Report Reviewer*

### *Education*

- Bachelor of Science, Natural Resources and Environmental Sciences, University of Illinois, 2003

### *Project Experience*

- **Gasoline Service Station, Chicago, IL** – Mr. Arias performed a Phase I Environmental Assessment for an existing gasoline service station. The service station had a documented Leaking Underground Storage Tank (LUST) Incident. A Phase II Subsurface Investigation was recommended and implemented by Mr. Arias. Levels were reported and the Underground Storage Tanks (USTs) and contaminated soil were removed.
- **Retail Strip Center, Naperville, IL** – Mr. Arias performed a Phase I Environmental Assessment for an existing strip center, which included an on-site dry cleaner. The dry cleaner had documented staining outside of the rear entrance. A Phase II Subsurface Investigation was recommended and implemented by Mr. Arias. Levels were reported and the appropriate cleanup monitoring was implemented.
- **Industrial Building, Chicago, IL** – Mr. Arias performed a Phase I Environmental Assessment for a 70,000 square foot industrial building. Mr. Arias' duties included the review of numerous prior reports and documentation, a review of historical information, and on-site activities. Historical research identified the former use of the property as an oil refining facility which formerly housed a number of USTs and bulk storage tanks. Mr. Arias' expertise and recommendations were highly valued by the client.
- **Taxi Company, Chicago, IL** – Mr. Arias conducted a Phase I Environmental Assessment at this three acre site, which included a review of historical information and on-site activities. This investigation identified a number on-site USTs, associated with a former on-site taxi company whose operations included repair, maintenance, and refueling. Identified on site were hazardous and regulated wastes and asbestos. Several areas of concern were identified and Phase II Subsurface Investigation, Asbestos Sampling, and Geotechnical Survey were subsequently recommended.

### *Industry Tenure*

- Environmental: 2004
- EMG: 2005

### *Industry Experience*

- Assisted Living Facilities
- Dry Cleaners
- Farms and Nurseries
- Gasoline Service Stations
- Higher Education
- Hospitality
- Housing/Multi-family
- K-12
- Office
- Retail
- Small Industrial Warehouses

### *Active Licenses/Registration*

- OSHA Certified

### *Regional Location*

- Chicago, IL

## JASON FRENCH

*Technical Report Reviewer*

### *Education*

- Bachelor of Science, Geography/California State University, 1992

### *Project Experience*

- **McDowell Mountain Medical Plaza, Scottsdale, AZ** – Mr. French served as the field technician on the Phase I Environmental Survey and Property Condition Assessment of this 85,000 square foot medical office. The client found his observations critical to their final business decision.
- **Huntwick Apartments, Houston, TX** – Mr. French served as Project Manager for the identification of environmental code violations at this 265,000 square foot site. His duties included inspections for existence of environmental volatile substances or hazards, developing plans for the removal or management of identified hazards and contractor management based on recommended abatement, investigation and/or remediation.
- **First American Center, Nashville, TN** – Mr. French served as Project Manager for the Phase I Environmental Survey and Property Condition Assessment for this 560,000 square foot office property. His duties included the review of numerous prior reports and documentation, a review of historical information, and on-site activities. His expertise and recommendations were highly valued by the client.
- **Shops At the Bluff, Colorado Springs, CO** – Mr. French conducted a Phase I Environmental Survey at this 270,000 square foot site, which included the review of numerous prior reports and documentation, a review of historical information, and on-site activities. This investigation identified the existence of any on-site environmental issues, former site usages, remaining materials from former site usage, such as under ground storage tanks and identified regulated wastes and asbestos.
- **Four Seasons Aviara, Carlsbad, CA** – Mr. French conducted a Phase I Environmental Survey and Property Condition Assessment at this 750,000 square foot site, which included the review of numerous prior reports and documentation, a review of historical information, and on-site activities. This investigation identified the existence of any on-site environmental issues, former site usages, remaining materials from former site usage, such as under ground storage tanks and identified regulated wastes and asbestos.

### *Industry Tenure*

- Environmental: 1997
- EMG: November, 2003

### *Industry Experience*

- Office
- Industrial
- Retail
- Multifamily

### *Active Licenses/Registration*

- Certified AHERA Building Inspector #C2825, 1999
- Licensed Lead Inspector/certification #2060575, 1999

### *Regional Location*

- Phoenix, AZ