

January 8, 2009

010-15317-07

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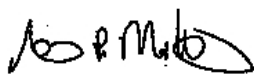
Subject: Phase I Environmental Site Assessment
MLC ID 1205
GM Power Train Fredericksburg
11032 Tidewater Trail
Fredericksburg, Virginia 22408

Dear Mr. Hare:

Attached is the Phase I Environmental Site Assessment (ESA) report for the above-referenced property. The conclusions presented in this report are based on the results of a reconnaissance-level site visit conducted by LFR Inc. (LFR) personnel and a review of available and pertinent background information.

LFR appreciates this opportunity to provide our environmental consulting services to you. If you have any questions concerning this project, please contact me at (781) 356-7300.

Sincerely,



Stephen P. McCarthy
Principal Scientist

Attachments

**Phase I Environmental Site Assessment
MLC ID 1205
GM Power Train Fredericksburg
11032 Tidewater Trail
Fredericksburg, Virginia 22408**

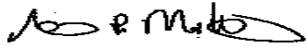
**January 8, 2009
LFR Project No. 010-15317-07**

Prepared for
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Detroit, Michigan 48243

Prepared by
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The environmental assessment described herein was conducted by the undersigned, of LFR Inc. (LFR). LFR's investigation consisted solely of the activities described in the Introduction of this report, in accordance with LFR Proposal No. P10-05008-09-718, and is subject to the Terms and Conditions of the Standard Consulting Services Agreement signed prior to initiation of the assessment.

Report Prepared By:

 For

Brian Pedersen, PE
Senior Engineer

Report Reviewed By:



Douglas M. Lindsay, PG, LSP
Senior Geologist

EXECUTIVE SUMMARY

LFR Inc. (LFR) performed a Phase I Environmental Site Assessment (ESA) of the property located at 11032 Tidewater Trail, Fredericksburg, Spotsylvania County, Virginia (the Site). The Site consists of approximately 76.5 acres of land that is improved with an approximately 289,000-square-foot industrial building that houses the General Motors Power Train (GMPT) Fredericksburg facility. According to historical resources reviewed, it appears the Site was developed with the present building since 1971. The building was initially occupied by Delco Moraine Division until the Site was purchased and occupied by GM in 1979.

According to the Spotsylvania County Assessor's Office, the Site is owned by General Motors Company, which has changed its name to Motors Liquidation Company. The Site has been occupied by GMPT Group.

The purpose of the Phase I ESA is to identify, to the extent feasible pursuant to the processes prescribed in the American Society for Testing and Materials (ASTM) document E 1527-05, recognized environmental conditions (RECs) in connection with the Site. A summary of our key findings is provided below:

- The Site entered into a consent order (SDWA-03-2009-0016-DU) on October 22, 2008, to monitor a groundwater sump in the press area of the plant. Sampling of the groundwater was completed and no contamination had been released to the sump; however, U.S. EPA investigated and issued an order mandating a liquid tight cover on the sump, quarterly groundwater monitoring and abandonment of two production wells that were never used by the Site. The Site has also abandoned two production wells (P-1 and P-2) and four additional observation wells in June 2009. The facility believes that it has met all of the conditions in the consent order with the exception of the additional quarterly sampling. The consent order requires one additional round of groundwater samples below regulatory levels in addition to the three previous "clean" rounds of groundwater sampling.
- There were two drum storage pads labeled as SWMU 1 & 2 that were "clean closed" in February 1996. AOC 1 was the location of a former 100,000-gallon fuel oil no. 2 above ground storage tank. Sampling did not reveal a release under the tank or underground lines. AOC 1 received a "Clean closed" determination in March 1997. A RCRA Corrective Action Completion without controls was given for the Site in 1999.
- Underground storage tanks (USTs) removed from the Site included a 1,000-gallon gasoline UST that was installed in 1981, a 2,000-gallon used oil UST that was installed in 1980, and a 3,000-gallon compartmentalized UST removed in 2008 that formerly contained 1,000 gallons of gasoline, 1,000 gallons of diesel fuel and an empty 1,000-gallon compartment.

- The concrete floor around the steam cleaning area was observed to be stained, indicating that oils have been released. However, the no cracks were observed on the concrete surface and the drain from this area discharges into the Site's wastewater treatment plant. Some de minimis surface staining was also observed in the exterior materials storage area on the northwest side of the facility adjacent to the loading docks; however, this area was investigated as part of the RCRA closure activities in 1989 and no further action is considered necessary.
- According to an asbestos assessment completed by GM, insulating blocks on the bonder machines located in the bonder area of the plant were identified as asbestos-containing material (ACM). The ACM was observed by LFR to be in good condition and not friable. ACM was previously removed from other areas of the plant. An asbestos operating and maintenance plan is in place to manage the existing ACM.
- No historical RECs were identified in the course of this investigation.
- The Site is a conditionally exempt small quantity generator of hazardous waste. Used aerosol cans (15 ounces) that contained contact cleaner and WD-40 lubricant are stored in one storage bin inside the building near the tool crib. No evidence of a release was observed in this area.

Conclusion

LFR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 11032 Tidewater Trail, Fredericksburg, Spotsylvania County, Virginia. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed no evidence of a recognized environmental condition (REC) in connection with the Site, except for the following:

- The Site entered into a consent order (SDWA-03-2009-0016-DU) on October 22, 2008, to monitor a groundwater sump in the press area of the plant. The Site conducted independent sampling of the groundwater and found that no contamination had been released to the sump; however, U.S. EPA investigated and issued an order mandating that a liquid tight cover be installed on the sump, the completion of quarterly groundwater monitoring, and abandonment of two production wells that were never used by the Site. Site personnel have indicated that the Site has met all the conditions in the consent order with the exception of one additional quarter of groundwater samples that require collection. The groundwater samples are to be collected in addition to the three previous "clean" quarterly rounds of groundwater sampling.

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- 2 Site Plan
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- A User Questionnaire
- B Historical Research Documentation
- C EDR Radius Map Report
- D Photograph Log
- E Qualifications of Environmental Professionals

1.0 INTRODUCTION

LFR Inc. (LFR) performed a Phase I Environmental Site Assessment (ESA) of the property located at 11032 Tidewater Trail, Fredericksburg, Spotsylvania County, Virginia (the “Site”). The Site consists of approximately 76.5 acres of land that is improved with an approximately 289,000 square-foot single-story industrial building that houses the General Motors (GM) Power Train (GMPT) Fredericksburg facility.

1.1 Purpose

Motors Liquidation Company (the Client) requested that LFR conduct a Phase I ESA of the Site. The objective of the ESA was to identify RECs in connection with the property, to the extent feasible pursuant to the processes prescribed in American Society for Testing and Materials (ASTM) E 1527-05 guidelines. The term “REC” as defined by the ASTM is 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 the 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.

This Phase I ESA includes information gathered from federal, state, and local agencies; personal interviews with people familiar with the Site and surrounding properties; and a site visit conducted by a LFR representative.

1.2 Detailed Scope of Services

The Phase I ESA conducted by LFR included, but was not limited to, the following services:

- a reconnaissance-level visit of the Site to look for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for on-site releases of hazardous materials and petroleum products
- drive-by observations of adjacent properties and the site vicinity
- interviews with people familiar with the Site, as available
- review of regulatory and local agency files, as necessary
- review of historical documents, as available
- preparation of a report presenting our findings, including a summary of conclusions and recommendations

1.3 Significant Assumptions

The purpose of this Phase I ESA is to provide appropriate inquiry into the previous ownership and use of the Site consistent with good commercial and customary practice in an effort to minimize liability. LFR also assumes that the information provided by the Client, the regulatory database provider, and regulatory agencies is true and reliable.

1.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by LFR and the original party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. To the extent that LFR relied upon any information prepared by other parties not under contract to LFR, LFR makes no representation as to the accuracy or completeness of such information. Only the party for whom this report was originally prepared, its lenders, insurers and professionals, and other specifically named parties, may make use of and rely upon the information in this report, in its entirety, for a period not to exceed 180 days in accordance with the American Society for Testing and Materials (ASTM's) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" ASTM Designation E 1527-00 dated May 10, 2000, ASTM's "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" ASTM Designation E 1527-05 dated November 1, 2005, and/or the Code of Federal Regulations (CFR) 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries: Final Rule" dated November 1, 2005. After 180 days and prior to using the information contained herein, the report should be updated in accordance with ASTM Standards and Federal regulations.

The findings presented in this report apply solely to site conditions existing at the time when LFR's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of evaluating the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. LFR's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in ESA conclusions cannot reasonably be achieved.

LFR, therefore, does not provide any guarantees, certifications, or warranties (express or implied) that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and all applicable laws, codes, regulations, or standards.

1.5 User Reliance

This report is for the exclusive use of Motors Liquidation Company. Use of this report by any other party shall be at such party's sole risk.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Site is located at 11032 Tidewater Trail, Fredericksburg, Spotsylvania County, Virginia. The Spotsylvania County Office of Real Estate Assessments identifies the Site as two parcels, Parcel ID 25-1-1 (22.87 acres) and Parcel ID 25-1-2 (54.23 acres). The Site is located on the west side of Tidewater Trail (State Route 17, Local Route 2) approximately 1,000 feet north of the intersection with Rosser Street.

Refer to Figure 1 for the location of the Site.

2.2 Site and Vicinity General Characteristics

The Site is an irregularly-shaped tract of land that is situated in a mixed commercial/residential area to the south of the City of Fredericksburg. The Site is located in Spotsylvania County, not within the city limits of Fredericksburg. Commercial properties are concentrated along Tidewater Trail, with residential areas situated on the secondary roads in the area. The Fredericksburg Country Club is located to the northeast of the Site across Tidewater Trail. The Fredericksburg-Spotsylvania National Military Park borders the Site to the southwest. The areas to the southeast and northeast are residential areas with agricultural usage further to the north.

2.3 Current Use of the Site

The Site is utilized by GM Powertrain Group to manufacture torque converter clutches that are shipped to other facilities. The torque converter clutches are components used in automatic transmissions.

2.4 Descriptions of Structures, Roads, and Other Improvements on the Site

The Site is occupied by a 289,000-square foot, single-story industrial building with several out buildings that are currently occupied by GM Powertrain. The main Site building was constructed 1971 and is a masonry and steel structure that is built on a concrete slab-on-grade foundation. The building is situated on the northeastern portion of the Site, with asphalt-paved parking lots situated to the south and northeast of the building. A paved access driveway circles the entire building.

Access to the Site is via Tidewater Trail from the east. An area near the western border of the Site has two stormwater retention ponds.

The interior of the building is comprised of a large open production area with office space to the north and mechanical rooms to the west. A concrete lined trench sump extends in a northeast to southwest orientation through the main plant area. The trench sump is covered by wooden planks and is used to convey scrap metal from the stamping operations of the press machines. The scrap metal is transported on a conveyor belt located within the trench sump to a collection bin located in the western portion of the plant.

The Site is connected to the municipal sewer and water utilities as well as Dominion Power for electricity, Columbia Gas for natural gas, and to the telephone utility.

Refer to Figure 2 for a plan depicting the layout of the Site.

2.4.1 Source of Potable Water

The Spotsylvania County provides drinking water to the Site.

The facility had previously utilized river water pumped from the Rappahannock River as process water in the plant. There is a pump house located at the river approximately 0.75 miles northeast of the Site along with associated piping and on-Site wastewater treatment tanks that had the capability to pump and pre-treat river water to the facility. River water was used consistently for approximately 15 years from 1980 to 1995 and then used sporadically from 1996 until around 2001. This system is currently not in operation and has not been in operation for approximately 8 years. The pumping system has not been permanently closed, but is reportedly not operational because the pump burned out.

2.4.2 Sewage Disposal System

The Site is serviced by the Spotsylvania County municipal sewer system. The Site has been connected to the municipal sewer system since its construction. Around 1981, GM constructed a waste water treatment plant to pre-treat their industrial discharges prior to discharging to the local Massaponax Waste Water Treatment Facility.

2.4.3 Heating/Cooling Systems

The building is heated by natural gas-fired boilers situated on the western side of the Site in a Mechanical Room. Cooling is provided by chiller units located in the Mechanical Room.

2.4.4 Solid Waste Disposal

Solid waste generated by Site operations is placed in a trash compactor that is situated on the northwestern side of the main plant adjacent to the loading docks.

2.5 Current Uses of Adjoining Properties

The use of the adjoining properties at the time of LFR's investigation is summarized as follows:

- The Site is abutted to the north by the Fredericksburg Business Center that consists of several single-story structures occupied by various commercial companies.
- The Site is abutted to the northeast and southeast by single-family residences and an apartment complex to the southeast.
- The Site is abutted to the west by the Fredericksburg-Spotsylvania National Military Park.
- East of the Site across Tidewater Trail (State Route 17, Local Route 2) is the Fredericksburg Country Club.

3.0 USER-PROVIDED INFORMATION

The following items regarding the Site were requested by LFR to the Client's representative. The questionnaire was completed by Ms. Jessica Jeffrey, the Environmental Engineer for the facility.

3.1 Title Records

Title records were not provided to LFR for review.

3.2 Environmental Liens or Activity and Use Limitations

Ms. Jessica Jeffrey was asked the following questions as part of the assessment:

- Is she aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? **Answer:** No
- Is she aware of any activity or land use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? **Answer:** No

3.3 Specialized Knowledge

Ms. Jessica Jeffery was asked the following questions as part of the assessment:

- Does she have any specialized knowledge or experience related to the property or nearby properties? For example, are they involved in the same line of business as the current or former occupants of the property or an adjoining property so that they would have specialized knowledge of the chemicals and processes used by this type of business? **Answer:** No, Ms. Jeffery stated that she is not aware of the operations that occur at the nearby properties.

Is she aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? **Answer:** Ms. Jeffery has provided additional information used throughout this report.

- Does she know the past uses of the property? **Answer:** Yes, Ms. Jeffery stated the original building, which was the section that extended from the press area south to the Ajax area, was built in 1971 and used by GE (couldn't find out what operations they conducted here) and around 1975 the building was sold and bought by a company that made cranes (not sure of the company's name). In 1979, GM under Delco Moraine bought the property.
- Does she know of specific chemicals that are present or once were present at the property? **Answer:** Yes, Ms. Jeffery provided the following chemicals used currently at the site: aluminum oxide grit, hydraulic oils, cutting oils, aluminum sulfate, sodium hydroxide, simple green, sodium hypochlorite, propane gas, argon gas, nitrogen gas, oxygen gas, acetylene gas, diesel fuel, coagulant aid, kathon biocide, metal shot blast, janitorial chemicals, water additives for parts washers, various greases and lubricants, and electro contact cleaner.

Chemicals used in the past that are no longer used include: Nu-Sal and Quench Salt 330 (used in the Ajax, which is no longer in operation), lime and sulfuric acid (for wastewater treatment).

- Does she know of spills or other chemical releases that have taken place at the property? **Answer:** Yes, Ms. Jeffery stated that three spills have occurred to her knowledge based on records that she found:
 - 1.) 7/18/2006 - 200 gallons of used oil was spilled at the Sludge Thickener Tank located at the wastewater treatment tank farm due to the tank overflowing. The oil spilled onto the gravel area below the tank farm and was cleaned up immediately by our emergency response contractor and the material generated from the cleanup was disposed of properly.

2.) 2/20/2006 – Approximately 100 gallons of oil and water mixture was spilled due to a rupture at a check valve on a discharge pipe from the Oil Storage Building Sump. The oil and water mixture flowed onto the gravel area at the wastewater treatment tank farm, onto a driveway and approximately 5 gallons into a storm drain. All of these areas were cleaned up including the storm drain system and the material generated from the cleanup was disposed of properly. The oil and water mixture was cleaned from the storm drain and did not affect the storm ponds.

3.) 6/23/2003 – An unknown amount of oil was found in a storm drain inlet near the area by the shipping and receiving docks. The oil originated from a leak in the hydraulic line of the trash compactor and leaked into a nearby storm drain. The third party emergency response contractor removed the oil from the storm drain and the drain was cleaned. The oil did not reach the storm ponds.

- Does she know of any environmental cleanups that have taken place at the property? **Answer:** No.
- Does she know if any fill materials have been imported to the Site? **Answer:** No
- Does she know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** No
- Does she know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** No
- Does she know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? **Answer:** Yes, Ms. Jeffrey provided the following information: Based on an inspection of General Motors Powertrain operations in Fredericksburg, Virginia conducted on October 25, 2007, and information provided, the U. S. EPA alleged that the facility was in violation of the Safe Drinking Water Act (SDWA), 42 U.S.C. §§ 300f et seq., and the Underground Injection Control (“UIC”) regulations promulgated under Sections 1421 and 1422 of the Safe Drinking Water Act (SDWA), 42 U.S.C. §§ 300h and 300h-1. Specifically: General Motors Corporation is in alleged violation of 40 C.F.R. § 144.12 of the UIC regulations for operating a Class V injection well at its facility which may endanger an underground source of drinking water.

Pumps used to pump out groundwater from a sump in the Press Pit were not operating properly at time of inspection. The facility has since sealed the groundwater sump to ensure stamping fluids do not enter and installed new groundwater pumps and associated alarms. The facility established routine groundwater monitoring for petroleum hydrocarbons and routine maintenance and inspection of pumps. Four consecutive quarterly groundwater sampling events have been conducted and all samples have been non-detect.

In August 2006, the facility received NOV from the county publicly owned treatment works (POTW) for Pre-Pretreatment permit exceedances of pH and oil and grease. The Facility removed accumulated sludge from clarifier; developing & implementing a sampling plan; segregating free oil from the influent water stream. Discharges to the Spotsylvania County POTW are delayed until chemical analysis of the proposed discharge shows compliance.

In April 2004, the facility received NOV from the County POTW for Pre-Treatment Permit Violation for late submittal Spotsylvania County Industrial Wastewater Discharge Permit No. 001, as required by Part 1, Section B, paragraph E, submission by the 10th of month following the quarter. Report received by agency on April 19, 2004. The Facility has since tracked report submission by using the environmental calendar.

3.4 Commonly Known or Reasonably Ascertainable Information

Ms. Jeffrey was asked the following question as part of the assessment:

Based on her knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? **Answer:** No

3.5 Valuation Reduction for Environmental Issues

An analysis of a hypothetical prospective purchase price of the Site has not been conducted.

3.6 Owner, Property Manager, and Occupant Information

According to the Spotsylvania County Assessment Office, the Site is owned by General Motors Company, which has changed its name to Motors Liquidation Company. The Site has been occupied by General Motors Powertrain Group.

3.7 Reason for Performing Phase I

The purpose of this Phase I ESA is to provide appropriate inquiry into the previous ownership and use of the Site consistent with good commercial and customary practice in an effort to minimize liability.

4.0 RECORDS REVIEW

The following sections provide information regarding the regulatory status and history of the Site and vicinity developed from information available from local, state and federal agencies and ASTM Standard Historical Sources. It also provides topographic, hydrologic and soil conditions in the area of the Site.

4.1 Historical Use Information

4.1.1 Previous Environmental Reports

The Client has informed LFR that previous environmental reports for the Site have been archived in a separate storage location. The Client has stated that the archived files will be retrieved and provided to LFR for review. The files were not available at the time of this report. An addendum will be provided following LFR's review of the archived files should pertinent information be identified that changes the findings of this report.

4.1.2 Historic Map Review

LFR contracted EDR to conduct a Sanborn Fire Insurance (Sanborn) map search for the Site. According to EDR, there are no Sanborn maps for the Site (Appendix B).

4.1.3 Aerial Photograph Review

LFR reviewed historical aerial photographs provided by EDR for the years 1960, 1971, 1980, 1989, 1990, 1994, 2005 and 2006. Due to the quality of some of the photographs, observations were limited.

The 1960 photograph indicates that the Site was undeveloped and appeared to be agricultural land. Two residential farmstead structures are shown on the Site. A few residential structures are present on properties to the south, north and east. The Fredericksburg Country Club is shown to the east/northeast of the Site.

The 1971 photograph shows the initial building footprint for the existing Site building and parking lot. None of the existing outer buildings or the waste water treatment tanks is shown. The surrounding land appears similar to the 1960 photograph.

The 1980 photograph shows the construction of additional buildings at the Site including the waste water treatment system. The retention ponds are shown at the southwest corner of the Site. The surrounding land appears similar to the 1971 photograph.

The 1989 photograph depicts additional expansion of the building footprint that appears to be as observed at the time of LFR's Site visit. An access road and a rectangular commercial-type structure are shown along the northwest border of the Site. Some additional residential construction is shown to the north. Commercial construction activity is shown to the southeast along Tidewater Trail. Other areas remained unchanged.

The 1990 photograph shows the Site as essentially the same as the previous photograph. Additional development of a commercial structure is shown along the northwest border of the Site. Other areas remained unchanged.

The 1994 photograph shows the Site as essentially the same as the 1990 photograph. The construction of the commercial structure is shown to be complete along the northwest border of the Site. Some additional residential construction is shown to the north. Other areas remained unchanged.

The 2005 and 2006 aerial photographs show the Site and surrounding area as being essentially the same as was observed during the Site visit. The additional development of the commercial development along the northwest border is shown.

Copies of the above-referenced aerial photographs are included in Appendix B.

4.1.4 City Directories

LFR contracted EDR to conduct a city directory search for the Site and surrounding area. EDR reviewed city directories for the Site for the years 1976 through 2008, as available. The city directory information indicated that the Site address is listed as GM Powertrain in 1999 and 2008, and as Delco Moraine Division in 1992.

The EDR report also presents listings for residences along Tidewater Trail in the vicinity of the Site. The Fredericksburg Country Club is listed only in the 2008 at 11031 Tidewater Trail. No obvious environmentally significant listings were found in the immediate area of the Site.

The EDR City Directory Abstract is included in Appendix B.

4.1.5 Historical Topographic Maps

Topographic maps were obtained from EDR for the years 1894, 1943, 1966, 1971, 1978, 1984 and 1994.

The 1894 map is a 30-minute series map and therefore does not include details such as building footprints. The 1943 and 1966 map shows the Site as developed with two small structures that appear to be associated with the farms in the area. The adjacent residential structures are shown to the east of the Site. The Fredericksburg-Spotsylvania National Military Park is shown to the west and southwest of the Site on the opposite side of the railroad tracks.

The 1971 map shows the original building footprint on the Site. The surrounding area appears to be occupied by residential properties and undeveloped land. The 1978 map shows some expansion to the original building footprint on the Site.

The 1984 map shows the building footprint and stormwater retention ponds on the Site as observed during LFR's Site visit. The surrounding area is generally similar as shown in previous maps. The Fredericksburg-Spotsylvania National Military Park is shown to have expanded across the railroad tracks to the east and appears to abut to the west and south of the Site.

The 1994 map is the same as the 1984 map with regard to the Site. There are two commercial structures which appear to the northwest border of the Site.

The EDR Topographic Map report is included in Appendix B.

4.1.6 Building/Planning Departments

LFR contacted the Spotsylvania County Building Department to review available records on file for the Site. The representative from the department indicated that they have records on file for the Site relating to various building expansions.

4.1.7 Additional Record Sources

The Spotsylvania County Office of Real Estate Assessments has online records that indicate that the property ownership was transferred to General Motors Corporation on 12/31/1978. No additional record sources were reviewed in the course of this assessment.

4.1.8 Summary of Historical Information

Based on the historical sources reviewed, it appears the Site was utilized for agricultural purposes until construction of the current Site building in 1971. The Site building was initially utilized by Delco Moraine Division and was purchased by GMPT and further developed in 1979.

4.2 Historical Use Information on Adjoining Properties

A review of select city directories covering the period 1976 to 2008 and aerial photographs and topographic maps covering the period 1943 to 2006 identified that the adjoining properties have been used for a mixture of agricultural, residential and commercial purposes. Various commercial businesses have occupied the adjoining properties to the north during from 1989. The adjoining properties to the southeast and northeast have been occupied mainly by residential homes. The adjacent property to the east across Tidewater Trail has been used by the Fredericksburg Country Club for a golf course. The adjacent property to the west is the Fredericksburg-Spotsylvania National Military Park.

4.3 Physical Setting

4.3.1 Geology

4.3.1.1 Surface Features

According to the EDR topographic information (Fredericksburg USGS Quadrangle Map), the Site elevation is approximately 80 feet. Topographically, the Site and surrounding area is relatively flat. Two small stormwater retention ponds are located on the southwestern portion of the Site.

The land to the south and west of the building is slightly higher (i.e., 6 to 8 feet) than the plant area of the Site. Based on the review of the current and historical topographic maps of the Site area, it appears that this is a natural geographic feature of the Site and is not evidence of filling activities on Site.

4.3.1.2 Subsurface Features

According to the EDR report, sandy loam comprises the soil in the area of the Site. The subsurface material is reported to contain mixtures of interbedded gravel, sand, silt and clay. The Site is located on the western border of the northern Coastal Plain of Virginia that includes softer, sedimentary rocks. Within a mile of the Site to the west is the Fall Line known as the border between the hard, metamorphic rocks of the northern Virginia Piedmont region to the west.

4.3.2 Hydrology

4.3.2.1 Surface Water

Two stormwater retention ponds are located on the Site near the southwestern boundary. Surface water flow in the areas of the building and the paved driveways and parking areas are largely controlled by drainage structures along roadways and in paved areas that discharge to the two stormwater retention ponds. The two ponds are pumped out by facility personnel when the level gets high, which reportedly averages once per month depending on the seasonal precipitation. The water quality is checked by Site personnel prior to manually turning on the discharge pumps. The stormwater then flows through a concrete channel that discharges off site in the adjacent country club ponds. The two on-Site stormwater retention ponds were reportedly cleaned of accumulated sediments in 2003 or 2004.

The regional flow is to the northeast, towards the Rappahannock River, which is located approximately 0.75 mile to the northeast of the Site.

The facility had previously utilized river water pumped from the Rappahannock River as process water in the plant. There is a pump house located at the river that along with associated piping and on-Site wastewater treatment tanks had the capability to pump and pre-treat river water to the facility. River water was used consistently for approximately 15 years from 1980 to 1995 and then used sporadically from 1996 until around 2001. The pumping system has not been permanently closed, but is reportedly not operational because the pump burned out.

4.3.2.2 Groundwater

Based on information from an on-site production well, the uppermost groundwater is under unconfined conditions in the sand and gravel that underlies the area. The groundwater was encountered at 31 feet below grade. Groundwater flow is reported to flow to the northeast towards the Rappahannock River.

4.4 Standard Environmental Record Sources – Federal and State

LFR contracted with EDR to conduct a search of state and federal regulatory databases to identify recorded concerns for the Site and surrounding properties. The databases were searched to the approximate minimum search distances as specified in ASTM Standard Practice E 1527-05, "Phase I Environmental Site Assessment Process." The database search is provided as Appendix C.

Review of the EDR report revealed the following pertinent information.

Database	Search Radius	Site	Adjacent	0 – 1/8 mile	1/8 – ¼ mile	¼ - ½ mile	½ - 1 mile
NPL	1 mile	No	0	0	0	0	0
Delisted NPL	1 mile	No	0	0	0	0	0
CERCLIS	0.50 mile	No	0	0	0	0	-
CERCLIS-NFRAP	0.50 mile	Yes	0	0	0	0	-
RCRA CORRACTS	1 mile	Yes	0	0	0	0	0
RCRA TSD	0.50 mile	Yes	0	0	0	0	-
RCRA Generators	Site & adjacent	No	0	-	-	-	-
ERNS Site	Site	Yes	-	-	-	-	-
US IC/EC Registries	Site	No	-	-	-	-	-
State & Tribal SWF/LF	0.50 mile	No	0	0	0	0	-
State & Tribal LUST	0.50 mile	Yes	0	0	0	0	-
State & Tribal USTs	Site & 0.25 mile	Yes	1	0	-	-	-
State ASTs	Site & 0.25 mile	Yes	1	-	-	-	-
State IC/ EC Registry	Site	No	-	-	-	-	-
State Brownfields	0.50 mile	No	0	0	0	0	-
State & Tribal VCP	0.50 mile	No	0	0	0	0	-
BEA	0.50 mile	No	0	0	0	0	
Spills	Site	Yes	-	-	-	-	-
Drycleaners	0.25 mile	No	0	0	0	-	-

4.4.1 Site

The Site was identified on the following databases searched by EDR: SPILLS, ICIS, LTANKS, UST, AST, FINDS, Resource RCRA-TSDF, CORRACTS, CERC-NFRAP, RCRA-Nongen and ERNS.

EDR identified the Site on the SPILLS database listed under GM Powertrain. The spill incident was reported as an “overflow of wet sludge from waste water treatment tank”. EDR reported that approximately 1,400 gallons of sludge from treatment tank spilled into a containment area on November 11, 1998.

The database listing is currently classified as “Closed” on December 28, 1998. Based on its NRFAP status and distance from the Site, this facility does not appear to represent an environmental concern to the Site at this time.

EDR reported that the Site on the Virginia Leaking Tanks Database (LTANKS). The database listing was reported on January 9, 1990 and is currently classified as “Closed”. No detailed information was provided by EDR. No additional information regarding this release was available.

EDR reported the Site on the Virginia UST and AST databases. The UST database listed as Motors Liquidation Company for a 1,000-gallon gasoline UST that was installed in 1981 and removed from the ground and a 2,000-gallon used oil UST that was installed in 1980 and removed from the ground. The AST database listed a 1,000-gallon lube oil AST that was dismantled and a 100,000-gallon fuel oil AST that was installed in 1980 and that was dismantled. The AST database listed a 4,000-gallon used oil AST that was installed in 1980 and is currently listed as in use at the Site.

EDR reported the Site on the RCRA-TSDF database as GM Powertrain. The database listing currently indicated the Site as not presently generating hazardous waste. The database listed the Site as historically a Conditionally Exempt Small Quantity Generator in 1980, a Large Quantity Generator in 1990 and as Not a Generator in 1993. An unidentified corrective action was listed in the database between 1992 and 2002 when it was reported that migration of contaminated groundwater was verified to be under control. The specific contaminants of concern were not identified in the corrective action information reviewed by LFR. Numerous unidentified notices of violations were listed between 1988 and 1991.

EDR reported the Site on the RCRA Corrective Action Report (CORRACTS) database in 2002 for the verified control of the migration of contaminated groundwater.

EDR reported the Site on the CERCLIS - No Further Remedial Action Planned (CERCLIS-NFRAP) database. In 1990, the database listed a Preliminary Assessment report that deferred the Site to the RCRA program and the CERCLIS information was archived.

EDR reported the Site on the Emergency Response Notification Systems (ERNS) database. The database listed a release of 650 pounds of RF11 refrigerant gases from a chiller unit at the Site.

4.4.2 Federal Environmental Record Sources

EDR did not identify facilities within the applicable radius for the Federal databases searched. A compilation of Federal database listings is provided in the EDR Radius Map Report provided in Appendix C.

A compilation of Federal database listings is provided in the EDR Radius Map Report provided in Appendix C.

4.4.3 State and Tribal Environmental Record Sources

EDR did not identify facilities within the applicable radii for the State and Tribal databases searched, except for the listing of a UST at the adjacent Fredericksburg Country Club that was listed as being removed from the ground. Additional UST and LUST facilities are listed in the EDR report; however, these sites were found to be incorrectly located on the EDR map and are therefore not within the applicable radii.

A compilation of the State and Tribal database listings is provided in the EDR Radius Map Report provided in Appendix C.

4.4.4 Orphan Summary

LFR reviewed the “Orphan Summary” section of the EDR Radius Map report, which is a list of sites that could not be properly located due to inadequate or incorrect information provided by the reporting agency. The 34 facilities listed in the Orphan summary do not appear to be located within the Approximate Minimum Search Distance for the above-referenced Federal and State regulatory databases.

4.5 Additional Environmental Records Sources

4.5.1 Fire Department

LFR contacted the Fredericksburg Fire Department which did not identify records on file for the Site pertaining to ASTs, USTs or the storage or releases of OHM.

4.5.2 Health Department

LFR contacted the Spotsylvania County Health Department which did not identify records on file for the Site pertaining to ASTs, USTs or the storage or release of OHM.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Mr. Brian Pedersen of LFR visited the Site on October 23, 2009. Ms. Jessica Jeffrey, Environmental Engineer with General Motors Company accompanied Mr. Pedersen during the Site visit. The weather at the time of LFR’s investigation was cool and cloudy, with a temperature of approximately 60 degrees Fahrenheit. LFR inspected accessible areas of the Site buildings and the exterior grounds.

5.2 Current Site Use

The plant manufactures torque converter clutches that are sent to other GM plants and the automotive industry for use in automatic transmissions. The current site configuration includes a 289,000 square-foot manufacturing building on 76.5 acres of land. The manufacturing operations consist of metal presses, shot peen process, slurry area for metal surface preparation, bonder area for bonding friction material and component assembly cells.

Support areas of the plant include the maintenance shop, the power house area, fire pump engine building, electrical substation, loading dock, indoor and outdoor material storage areas, quality control laboratory, employee cafeteria and the tool crib area. Equipment for an Ajax heat treating process using sodium nitrate salt was observed but the equipment has been decommissioned and not active since 2006.

A waste water treatment plant is located on Site to pre-treat waste water prior to discharging to the local POTW.

5.3 Site Observations

5.3.1 Underground Storage Tanks (USTs)

LFR did not observe fill pipes, vent pipes or other evidence of USTs on the Site. A 3,000-gallon compartmentalized UST that was installed in 1981 was removed from the Site in 2008. This UST formerly contained 1,000 gallons of gasoline, 1,000 gallons of diesel fuel and an empty 1,000-gallon compartment. The UST was located east of the waste water treatment tank and north of the electrical substation.

5.3.2 Aboveground Storage Tanks (ASTs)

LFR observe 14 ASTs at the Site. The AST consisted of the following:

Capacity (gallons)	Contents / Use	Location
1,000,000	River Water Tank	Waste Water Treatment Plant Area
13,500	River Water Blend Tank	Waste Water Treatment Plant Area
235,000	Clarifier	Waste Water Treatment Plant Area
30,000	Sludge Thickener Tank	Waste Water Treatment Plant Area
45,000	West Oily Waste Treatment Tank	Waste Water Treatment Plant Area
45,000	East Oily Waste Treatment Tank	Waste Water Treatment Plant Area
145,000	East Acid/Alkali Treatment Tank	Waste Water Treatment Plant Area
145,000	West Acid/Alkali Treatment Tank	Waste Water Treatment Plant Area
13,500	Blend Tank	Waste Water Treatment Plant Area
235,000	River Water Clarifier Tank	Waste Water Treatment Plant Area
300	Diesel Tank	Contained within Filter Building
4,000	Free Oil/Skim Tank (Used Oil)	Within Diked Containment next to Filter Building
4,000	Free Oil/Skim Tank (Used Oil)	Within Diked Containment next to Filter Building
500	Convault Diesel Tank	Outside near Loading Dock
1 x 220 3 x 300	Cleaning Products and Degreasers	Inside Main Plant on east side of Production Area
275	HEP Gear Oil	Inside Main Plant on east side of Production Area
275	AW 68 Hydraulic Oil	Inside Main Plant on east side of Production Area

5.3.3 Hazardous Substance and Petroleum Use

LFR did not observe hazardous substances being used or stored at the Site with the exception of the materials described above in the ASTs and the 20 ounce spray cans of contact cleaner and WD-40 lubricants. Petroleum products were observed at the Site and are listed in the above table of ASTs. These petroleum products are used in the production process for lubrication for machinery or during the stamping and pressing operations.

The facility was previously a RCRA large quantity generator; however, the use of hazardous materials has been reduced to the level that the facility is now a RCRA Conditionally Exempt Small Quantity Generator. RCRA closure activities were conducted in 1996 and 1997. Two drum storage pad areas were certified “clean closed” by the VDEQ on February 27, 1996. A former 100,000-gallon fuel oil no. 2 AST was permanently closed by removal and was deemed “clean closed” by VDEQ on March 11, 1997. The U.S. Environmental Protection Agency (U.S. EPA) issued a statement indicating that no records of releases from any on-Site RCRA units that would cause unacceptable threats to human health or the environment and that no further action was required under the RCRA program in 1999.

5.3.4 Unlabeled Drums/Containers

LFR did not observe unlabeled drums or containers at the Site.

5.3.5 Stained Soil or Pavement

LFR did not observe stained soil or pavement at the Site.

5.3.6 Stains or Corrosion

The Site has a trench sump that runs the width of the main plant that is used to convey scrap metal from the Press Area to the scrap metal collection containers. The scrap metal is coated with lubricant in the pressing and stamping process and this oil was observed on the floor of the trench sump. The trench sump is constructed of concrete and reported to be 4 feet thick. In 2008, the U.S. EPA observed the oily substance on the sump floor and issued a notice of violation to required GM to clean the sump and to monitor the groundwater beneath the sump. The latest three rounds of groundwater sampling have indicated that an oil release has not occurred. The U.S. EPA is requiring one additional round of clean groundwater sampling results to confirm that a release has not occurred to the groundwater before they will close the violation notice.

The concrete floor around the steam cleaning area was observed to be stained, indicating that oils have been released. However, the no cracks were observed on the concrete surface and the drain from this area discharges into the Site’s wastewater treatment plant. Some de minimis surface staining was also observed in the exterior materials storage area on the northwest side of the facility adjacent to the loading docks; however, this area was investigated as part of the RCRA closure activities in 1989 and no further action is considered necessary.

5.3.7 Stressed Vegetation

LFR did not observe evidence of stressed vegetation at the Site.

5.3.8 Polychlorinated Biphenyls (PCBs)

LFR did not observe electrical or hydraulic equipment at the Site suspected to contain PCBs.

5.3.9 Solid Waste/Dumping

LFR did not observed evidence of dumping of solid waste at the Site.

5.3.10 Site Drainage

Surface water on the Site is directed to catch basins within the driveways and parking areas, which discharge to the retention basins on southwest area of the Site. LFR did not observe evidence of staining around the catch basins. Additionally, LFR did not observe evidence of a sheen on the water in the retention basin or stressed vegetation around the retention basin.

The facility has a General Permit for Storm Water Discharges Associated with Industrial Activity (Permit No. VAR051090). The facility has a Storm Water Pollution Prevention Plan to manage the stormwater on the Site.

5.3.11 Pits, Ponds, Lagoons and Pools of Liquid

LFR did not observe pits, ponds, lagoons or pools of liquid on the Site with the exception of the stormwater retention basins on the southwest area of the Site.

5.3.12 Wastewater

LFR observed the wastewater treatment plant that was constructed by GM circa 1981 and is used to pre-treat industrial wastewater generated within the facility. Treated wastewater is permitted by Spotsylvania County to be discharged to the local POTW, Massaponax Wastewater Treatment Facility. The permit limits the daily flow, pH levels, biological oxygen demand, total suspended solids, the oil & grease and the concentrations of copper, lead and zinc. The discharge permit expires on June 30, 2012.

5.3.13 Wells

LFR did not observe dry wells, irrigation wells, injection wells, or abandoned wells at the Site with the exception of four monitoring wells that are used to monitor the groundwater associated with the plant's trench sump. Six wells used for observation and production usage were permanently closed in June 2009. Facility personnel reported that the production wells were installed in 1979 and were intended to be used for backup water supply purposes.

5.3.14 Septic Systems

LFR did not observe evidence of septic systems or cesspools at the Site.

5.3.15 Odors

LFR did not note readily noticeable strong, pungent, or noxious odors at the time of the site visit.

5.3.16 Other Observations

No other significant Site observations were noted at the time of the site visit.

6.0 INTERVIEWS

6.1 Interview with Owner/Key Site Manager

LFR interviewed Ms. Jessica Jeffrey, Environmental Engineer for GM at the time of the assessment. Information provided by these individuals is presented throughout the report.

6.2 Site Occupants

The Site was occupied by a GM at the time of the Site visit. Ms. Jessica Jeffrey, Environmental Engineer for GM was interviewed at the time of the inspection.

6.3 Interviews with Local Regulatory Agencies

Research conducted at local regulatory offices has been summarized in Sections 4.5. No additional interviews with local regulatory agencies were conducted.

6.4 Interviews with Others

No additional interviews were conducted as part of this assessment.

7.0 FINDINGS/OPINION

This section identifies known or suspect environmental concerns, historical environmental concerns, and *de minimis* conditions obtained during the ESA.

7.1 Known or Suspect Environmental Concerns

The Site entered into a consent order (SDWA-03-2009-0016-DU) on October 22, 2008, to monitor a groundwater sump in the press area of the plant. The Site did independent sampling of the ground water and found no contamination had been released from the sump; however, U.S. EPA investigated this and issued an order mandating a liquid tight cover on the sump, quarterly groundwater monitoring and abandonment of two production wells that were never used by the site. The Site has also abandoned two production wells (P-1 and P-2) and four additional observation wells in June 2009. The facility believes that it has met all of the conditions in the consent order with the exception of the additional quarterly sampling. The consent order requires one additional round of groundwater samples below regulatory levels in addition to the three previous “clean” rounds of groundwater sampling.

There were two drum storage pads labeled as SWMU 1 & 2 that were “clean closed” in February 1996. AOC 1 was the location of a former 100,000-gallon #2 fuel oil storage tank. Sampling did not reveal a release under the tank or underground lines. AOC 1 received a “Clean closed” March 1997” RCRA Corrective Action 1999. No further action is required.

USTs removed from the Site included a 1,000-gallon gasoline UST that was installed in 1981, a 2,000-gallon used oil UST that was installed in 1980, and a 3,000-gallon compartmentalized UST removed in 2008 that formerly contained 1,000 gallons of gasoline, 1,000 gallons of diesel fuel and an empty 1,000-gallon compartment.

The concrete floor around the steam cleaning area was stained, indicating that oils have been released. However, the concrete had no cracks and the drain from this area discharges into the Site’s wastewater treatment plant. Some minimal surface staining was observed in the exterior materials storage area on the northwest side of the facility adjacent to the loading docks. However, this area was investigated as part of the RCRA closure activities in 1989 and no further action is considered necessary.

According to an asbestos assessment completed by GM, the following ACM is present in the building: insulating blocks on the bonder machines located in the bonder area of the plant. The ACM was observed by LFR to be in good condition and not friable. ACM was previously removed from other areas of the plant. An asbestos operating and maintenance plan is in place to manage the existing ACM.

7.2 Historical Recognized Environmental Conditions

No historical RECs were identified in the course of this investigation.

7.3 De Minimis Conditions

De minimis environmental conditions at the Site include the following:

- The Site is a conditionally exempt small quantity generator of hazardous waste. Used aerosol cans (15 ounces) that contained contact cleaner and WD-40 lubricant are stored in one storage bin inside the building near the tool crib. No evidence of a release was observed in this area.
- De minimis surface staining was observed in the exterior materials storage area on the northwest side of the facility adjacent to the loading docks. However, this area was investigated as part of the RCRA closure activities in 1989 and no further action is considered necessary.

8.0 CONCLUSIONS

LFR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 11032 Tidewater Trail, Fredericksburg, Spotsylvania County, Virginia. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed no evidence of a recognized environmental condition (REC) in connection with the Site, except for the following:

- The Site entered into a consent order (SDWA-03-2009-0016-DU) on October 22, 2008, to monitor a groundwater sump in the press area of the plant. The Site conducted independent sampling of the groundwater and found no contamination had been released from the sump; however, U.S. EPA investigated this and issued an order mandating a liquid tight cover on the sump, quarterly groundwater monitoring, and abandonment of two production wells that were never used by the Site. The Site personnel believe that they have met all the conditions in the consent order with the exception of the additional quarterly samples that require one additional round of groundwater samples below regulatory levels be collected in addition to the three previous clean rounds of groundwater sampling.

9.0 DEVIATIONS/DATA GAPS

The inability to identify the date of first use of the Site for agricultural purposes represents a data gap. It is the opinion of LFR that this data gap is not significant and does not affect our ability to render the foregoing conclusion.

10.0 ADDITIONAL SERVICES

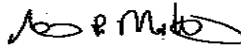
No additional services were provided as part of the Phase I ESA.

11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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 C.F.R. 312. We, have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.



Douglas M. Lindsay, PG, LSP
Senior Geologist

 For

Brian Pedersen, PE
Senior Engineer

12.0 REFERENCES

City of Fredericksburg

- Fire Department
- Building Department

Spotsylvania County

- Health Department
- Appraiser's Office

Commonwealth of Virginia

- Department of Environmental Quality

Reports, Plans and Other Documents Reviewed:

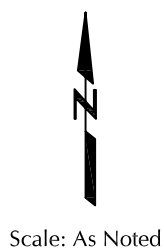
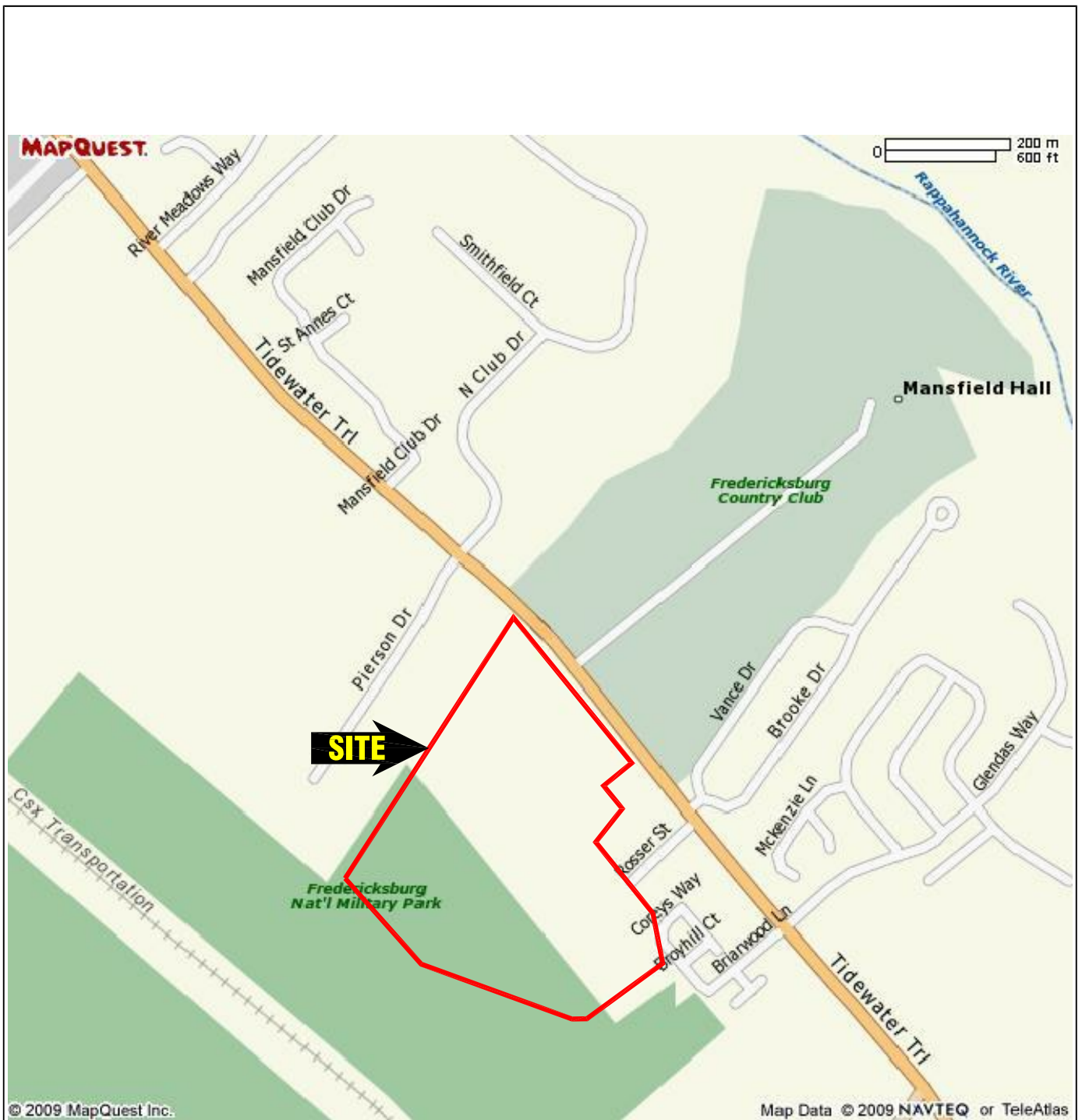
EDR:

- *The EDR Aerial Photo Decade Package*, Inquiry Number 2616617.5, October 20, 2009, GMPT Fredericksburg, 11032 Tidewater Trail, Fredericksburg, VA 22408.
- *The EDR Radius Map with GeoCheck*, Inquiry Number 2616617.2s, October 16, 2009, GMPT Fredericksburg, 11032 Tidewater Trail, Fredericksburg, VA 22408.
- *The EDR Sanborn Map Report*, Inquiry Number 2616617.3, October 16, 2009, GMPT Fredericksburg, 11032 Tidewater Trail, Fredericksburg, VA 22408 (No maps available).
- *The EDR Topographic Map Report*, Inquiry Number 2616617.4, October 16, 2009, GMPT Fredericksburg, 11032 Tidewater Trail, Fredericksburg, VA 22408.
- *The EDR City Directory Abstract*, Inquiry Number 2616617.6, October 20, 2009, GMPT Fredericksburg, 11032 Tidewater Trail, Fredericksburg, VA 22408.
- *The EDR Site Report – ERNS Site Specific Report*, November 10, 2009, 11032 Tidewater Trail, Fredericksburg, VA 22408.

U.S. Geological Survey

- Topographic Map, 7.5 minute series; Fredericksburg, VA-Quadrangle; scale - 1:24,000; U.S. Geological Survey; Denver, Colorado, 1994.

FIGURES



Site Location Map

GMPT Fredericksburg
11032 Tidewater Trail
Fredericksburg, Virginia

Figure 1

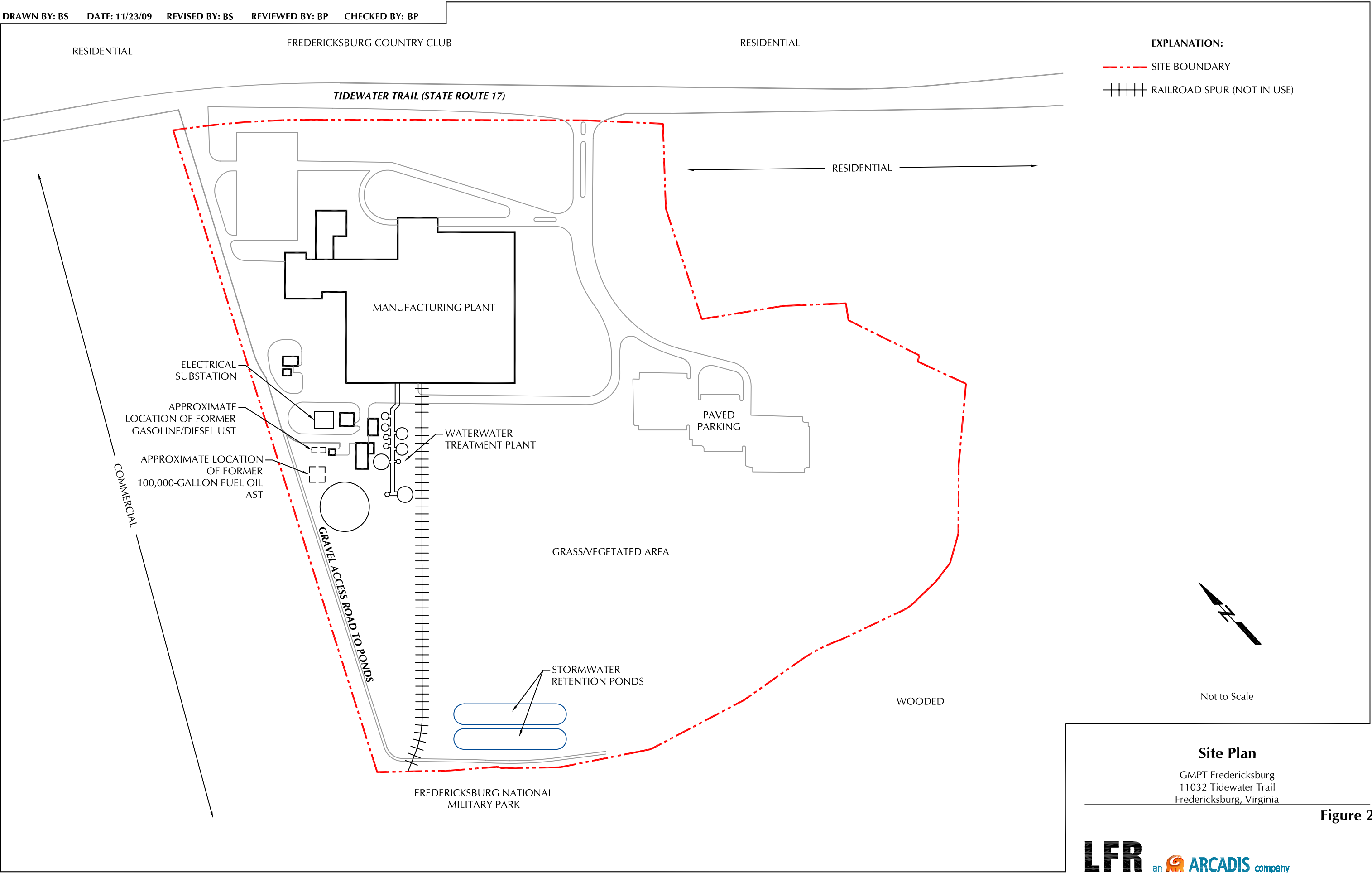
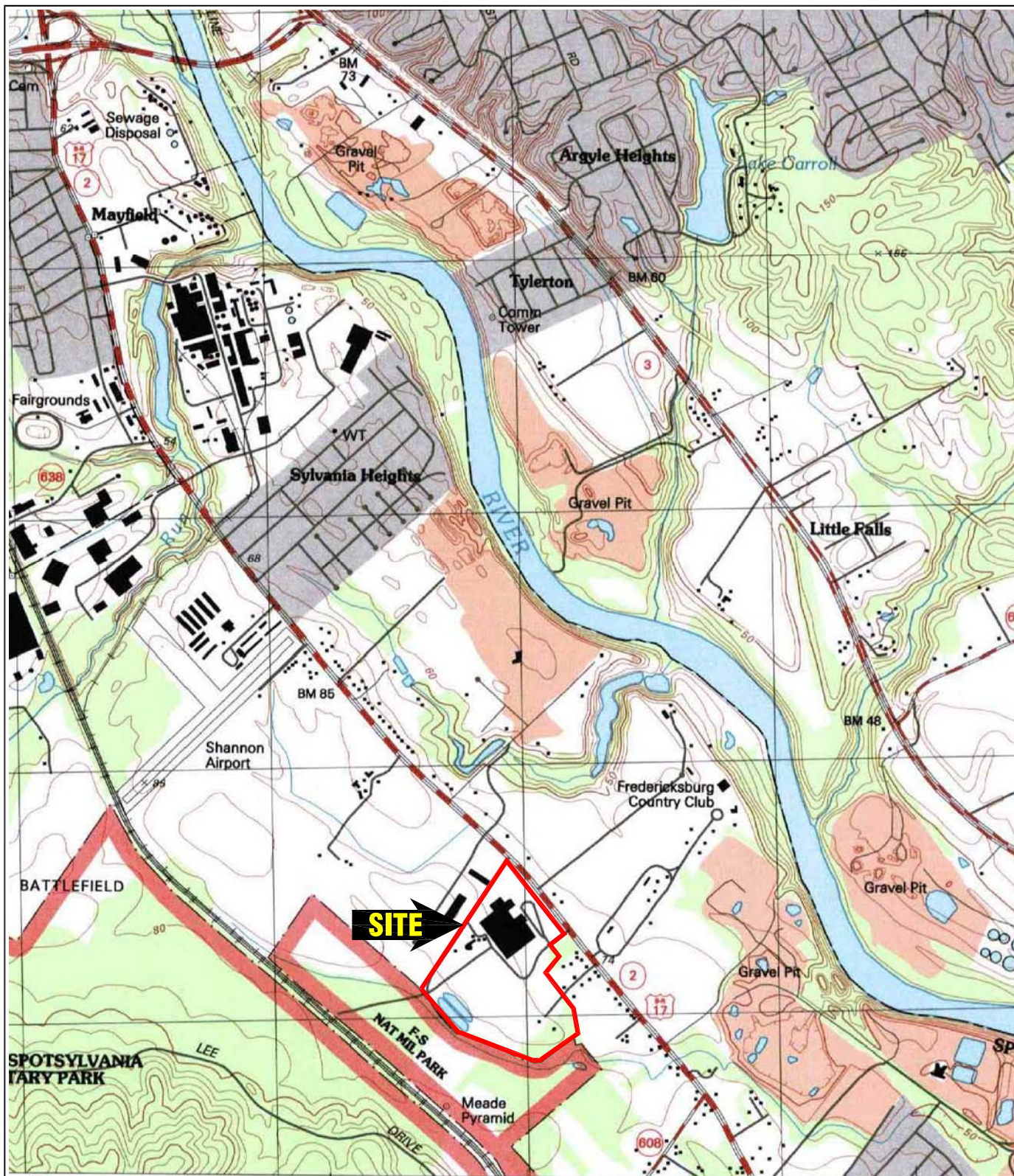


Figure 2




 Quad: Fredericksburg
 Date: 1994

Topographic Map

GMPT Fredericksburg
 11032 Tidewater Trail
 Fredericksburg, Virginia

Figure 3

APPENDIX A

User Questionnaire

Phase I Environmental Site Assessment Questionnaire

(User Provided Information Questionnaire)

Date: 11/23/09

Site Name: GM Fredericksburg Your Name: Jessica Jeffery

Site Location: Fredericksburg, VA Your Title: Environmental Engineer

Relationship to Site: ☐ Owner ☒ Occupant ☐ Purchaser ☐ Other

Length of Time Associated with Site: 2 years

Please review and complete this questionnaire which will assist LFR in completing our site assessment. If sufficient space is not provided, please complete your response on a separate sheet of paper and attach it to this questionnaire.

1. Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

2. Are you aware of any activity or land use limitations, such as engineering controls (for contaminant control), land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

3. Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

4. Are you aware of commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the Site?

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Past uses of the site include: the original building, which was the section that extended from the press area south to the ajax area, was built in 1971 and used by GE (couldn't find out what operations they conducted here) and around 1975 the building was sold and bought by a company that made cranes (not sure of the company's name). In 1979, GM under Delco Moraine bought the property.

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

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: chemicals used currently at the site include aluminum oxide grit, hydraulic oils, cutting oils, aluminum sulfate, sodium hydroxide, simple green, sodium hypochlorite, propane gas, argon gas, nitrogen gas, oxygen gas, acetylene gas, diesel fuel, coagulant aid, kathon biocide, metal shot blast, janitorial chemicals, water additives for parts washers, various greases and lubricants, and electro contact cleaner.

Chemicals used in the past that are no longer used include: Nu-Sal and Quench Salt 330 (used in the AJAX, which is no longer in operation), lime and sulfuric acid (for wastewater treatment).

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

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Three spills have occurred to my knowledge based on records I have found.

1.) 7/18/2006 - 200 gallons of used oil was spilled at the Sludge Thickener Tank located at the wastewater treatment tank farm due to the tank overflowing. The oil spilled onto the gravel area below the tank farm and was cleaned up immediately by our emergency response contractor and the material generated from the cleanup was disposed of properly.

2.) 2/20/2006 - Approximately 100 gallons of oil and water mixture was spilled due to a rupture at a check valve on a discharge pipe from the Oil Storage Building Sump. The oil and water mixture flowed onto the gravel area at the wastewater treatment tank farm, onto a driveway and approximately 5 gallons into a storm drain. All of these areas were cleaned up including the storm drain system and the material generated from the cleanup was disposed of properly. The oil and water mixture was cleaned from the storm drain and did not affect the storm ponds.

3.) 6/23/2003 – An unknown amount of oil was found in a storm drain inlet near the area by the shipping and receiving docks. The oil originated from a leak in the hydraulic line of the trash compactor and leaked into a nearby storm drain. The third party emergency response contractor removed the oil from the storm drain and the drain was cleaned. The oil did not reach the storm ponds.

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

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

5. Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

6. Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

7. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site?

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain:

Based on an inspection of General Motors Powertrain operations in Fredericksburg, Virginia (GMPT Fredericksburg) conducted on October 25, 2007, and information provided, the U. S. Environmental Protection Agency (EPA) alleged that the facility was in violation of the Safe Drinking Water Act (SDWA), 42 U.S.C. §§ 300f et seq., and the Underground Injection Control (“UIC”) regulations promulgated under Sections 1421 and 1422 of the Safe Drinking Water Act (SDWA), 42 U.S.C. §§ 300h and 300h-1.

Specifically:

General Motors Corporation is in alleged violation of 40 C.F.R. § 144.12 of the UIC regulations for operating a Class V injection well at its facility which may endanger an underground source of drinking water. Pumps used to pump out groundwater from a sump in the Press Pit were not operating properly at time of inspection. The facility has since sealed the groundwater sump to ensure stamping fluids do not enter and installed new groundwater pumps and associated alarms. The facility established routine groundwater monitoring for petroleum hydrocarbons and routine maintenance and inspection of pumps. Four consecutive quarterly groundwater sampling events have been conducted and all samples have been non-detect.

In August 2006, facility received NOV from County POTW for Pre-Pretreatment permit exceedances of pH and oil and grease. The Facility removed accumulated sludge from clarifier; developing & implementing a sampling plan; segregating free oil from the influent water stream. Discharges to the Count of Spotsylvania are delayed until chemical analysis of the proposed discharge shows compliance.

In April 2004, the facility received NOV from County POTW for Pre-Treatment Permit Violation for late submittal County of Spotsylvania Industrial Wastewater Discharge Permit No. 001, as required by Part 1, Section B, paragraph E, submission by the 10th of month following the quarter. Report received by agency on April 19, 2004. The Facility has since tracked report submission by using the environmental calendar.

8. Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

9. Does the Site's purchase price reasonably reflect the fair market value of the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If No, do you know the reason for lower purchase price? Is it possible that the lower purchase price is because of contamination known or believed to be present at the Site?

☐ Yes ☐ No ☐ Unknown ☒ N/A

If Yes, please explain: _____

APPENDIX B

Historical Research Documentation

Aerial Photographs

GMPT Fredericksburg

11032 Tidewater Trail

Fredericksburg, VA 22408

Inquiry Number: 2616617.5

October 20, 2009

The EDR Aerial Photo Decade Package

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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Date EDR Searched Historical Sources:

Aerial Photography October 20, 2009

Target Property:

11032 Tidewater Trail

Fredericksburg, VA 22408

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1960	Aerial Photograph. Scale: 1"=1000'	Panel #: 2438077-C4/Flight Date: March 01, 1960	EDR
1971	Aerial Photograph. Scale: 1"=500'	Panel #: 2438077-C4/Flight Date: March 05, 1971	EDR
1980	Aerial Photograph. Scale: 1"=1000'	Panel #: 2438077-C4/Flight Date: March 27, 1980	EDR
1989	Aerial Photograph. Scale: 1"=1000'	Panel #: 2438077-C4/Flight Date: March 16, 1989	EDR
1990	Aerial Photograph. Scale: 1"=1000'	Panel #: 2438077-C4/Flight Date: February 20, 1990	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 2438077-C4/Flight Date: March 17, 1994	EDR
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR
2006	Aerial Photograph. 1" = 604'	Flight Year: 2006	EDR

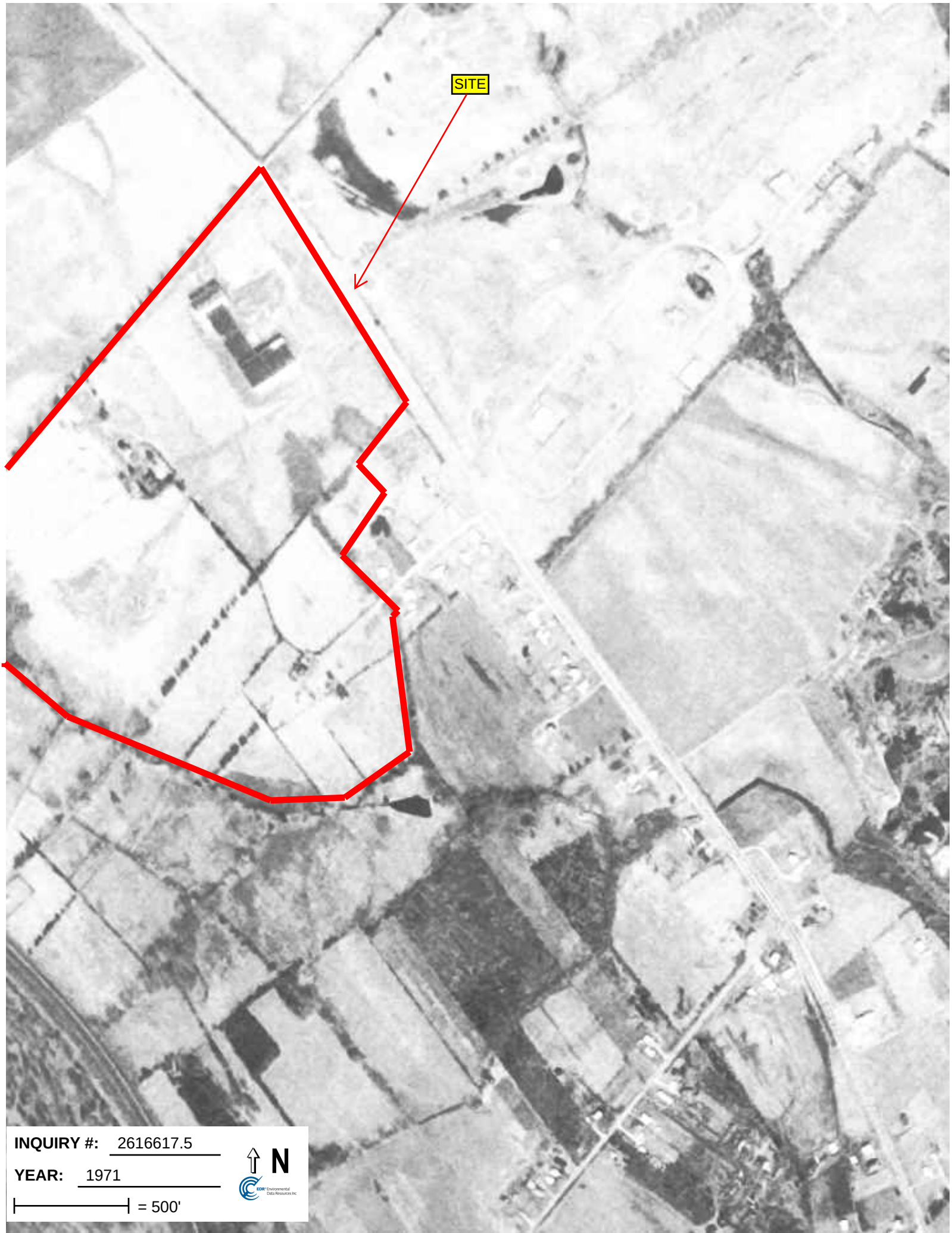


INQUIRY #: 2616617.5

YEAR: 1960

| = 1000'





INQUIRY #: 2616617.5

YEAR: 1971

| = 500'





SITE

INQUIRY #: 2616617.5

YEAR: 1980

| = 1000'





INQUIRY #: 2616617.5

YEAR: 1989

| = 1000'





INQUIRY #: 2616617.5

YEAR: 1990

| = 1000'





INQUIRY #: 2616617.5

YEAR: 1994

| = 750'





SITE

INQUIRY #: 2616617.5

YEAR: 2005

| = 604'





SITE

INQUIRY #: 2616617.5

YEAR: 2006

| = 604'



Sanborn Maps

GMPT Fredericksburg

11032 Tidewater Trail
Fredericksburg, VA 22408

Inquiry Number: 2616617.3
October 16, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

10/16/09

Site Name:

GMPT Fredericksburg
11032 Tidewater Trail
Fredericksburg, VA 22408

Client Name:

LFR Inc
35 Columbia Road
Branchburg, NJ 08876

EDR Inquiry # 2616617.3

Contact: Brian Pedersen



Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by LFR Inc 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 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: GMPT Fredericksburg
Address: 11032 Tidewater Trail
City, State, Zip: Fredericksburg, VA 22408
Cross Street:
P.O. # MLC Phase Is
Project: MLC
Certification # 61DF-46EA-989F



Sanborn® Library search results
Certification # 61DF-46EA-989F

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million 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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City Directory Abstract

GMPT Fredericksburg

11032 Tidewater Trail
Fredericksburg, VA 22408

Inquiry Number: 2616617.6
October 20, 2009

The EDR-City Directory Abstract

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Executive Summary

Findings

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory 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.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2008	Haines Criss-Cross Directory	X	X	X	-
1999	Haines Criss-Cross Directory	X	X	X	-
1992	Haines Criss-Cross Directory	X	X	X	-
1986	Haines Criss-Cross Directory	-	X	X	-
1982	Haines Criss-Cross Directory	-	X	X	-
1976	Haines Criss-Cross Directory	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

11032 Tidewater Trail
Fredericksburg, VA 22408

FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	GM Powertrain	Haines Criss-Cross Directory
1999	GM Powertrain	Haines Criss-Cross Directory
1992	Delco Moraine Div	Haines Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Tidewater Trail

Tidewater Trail

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	No other addresses (10900-11199) block Tidewater Trail	Haines Criss-Cross Directory
1999	No other addresses (10900-11199) block Tidewater Trail	Haines Criss-Cross Directory
1992	No other addresses (10900-11199) block Tidewater Trail	Haines Criss-Cross Directory
1986	No address listings beyond (4506) Tidewater Trail	Haines Criss-Cross Directory
1982	No address listings beyond (4506) Tidewater Trail	Haines Criss-Cross Directory

10930 Tidewater Trail

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Residential	Haines Criss-Cross Directory
1992	Residential	Haines Criss-Cross Directory

10936 Tidewater Trail

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	Residential	Haines Criss-Cross Directory
1999	Residential	Haines Criss-Cross Directory

10938 Tidewater Trail

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	Residential	Haines Criss-Cross Directory
1999	Residential	Haines Criss-Cross Directory

11031 Tidewater Trail

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	Fredrkgb Country Club Inc	Haines Criss-Cross Directory

FINDINGS

STREET NOT LISTED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not listed in the research source.

Street Researched

Tidewater Trail

Street Not Listed in Research Source

1976

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

Address Researched

11032 Tidewater Trail

Address Not Listed in Research Source

1986, 1982

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

Address Researched

10930 Tidewater Trail

10936 Tidewater Trail

10938 Tidewater Trail

11031 Tidewater Trail

Address Not Listed in Research Source

1986, 1982

1992, 1986, 1982

1992, 1986, 1982

1999, 1992, 1986, 1982

Topographic Maps

GMPT Fredericksburg

11032 Tidewater Trail

Fredericksburg, VA 22408

Inquiry Number: 2616617.4

October 16, 2009

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.

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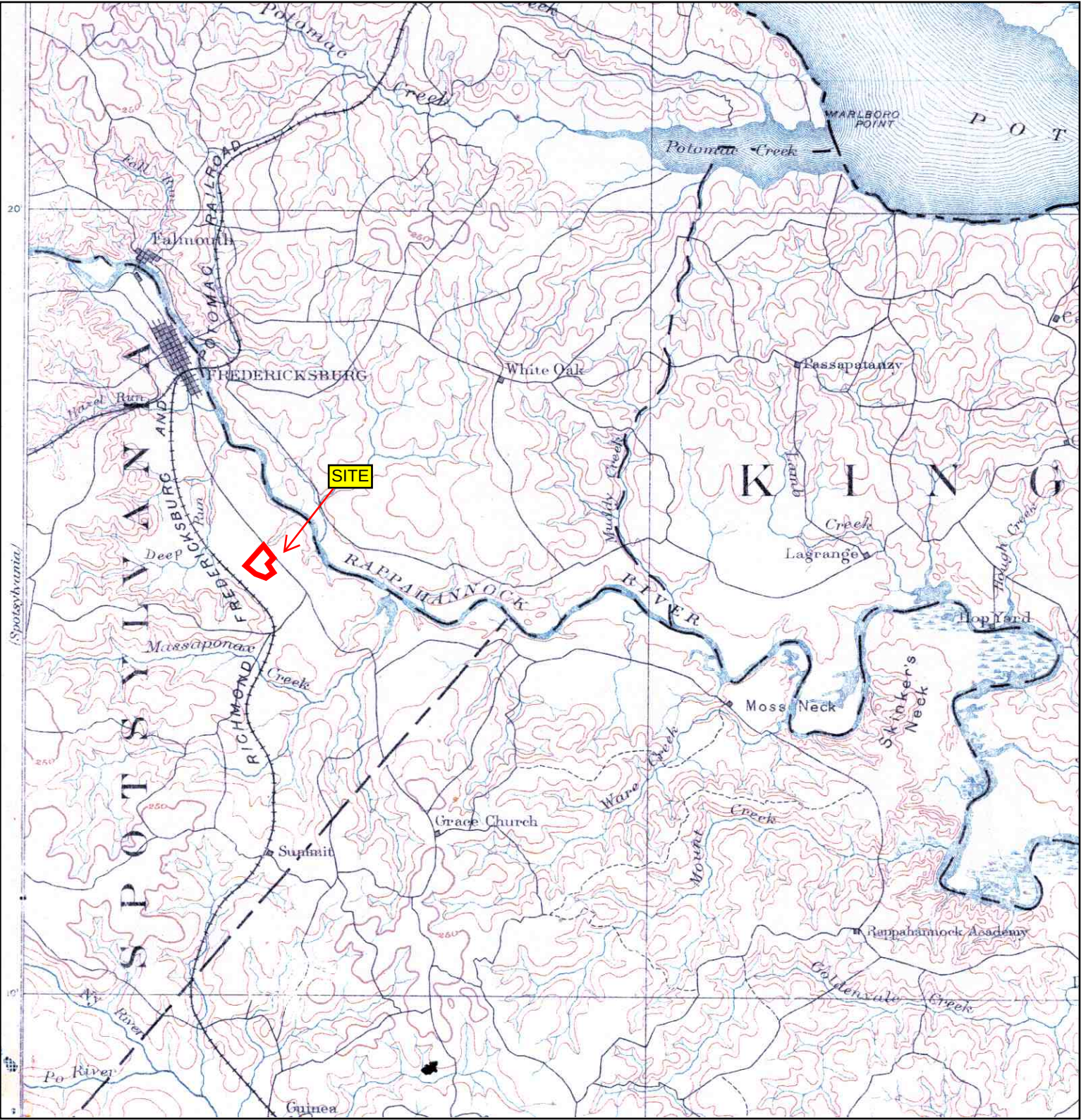
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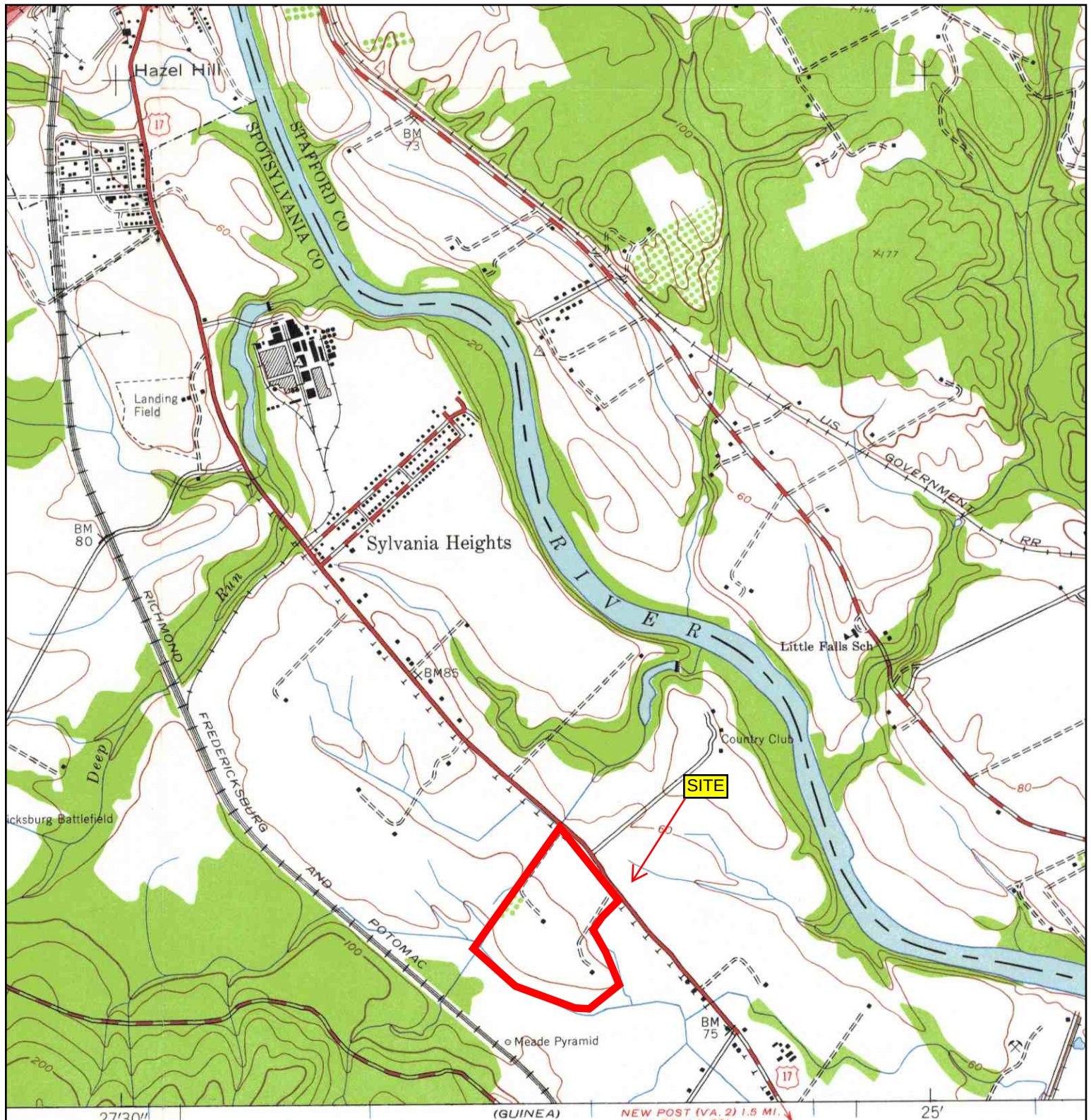
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Historical Topographic Map



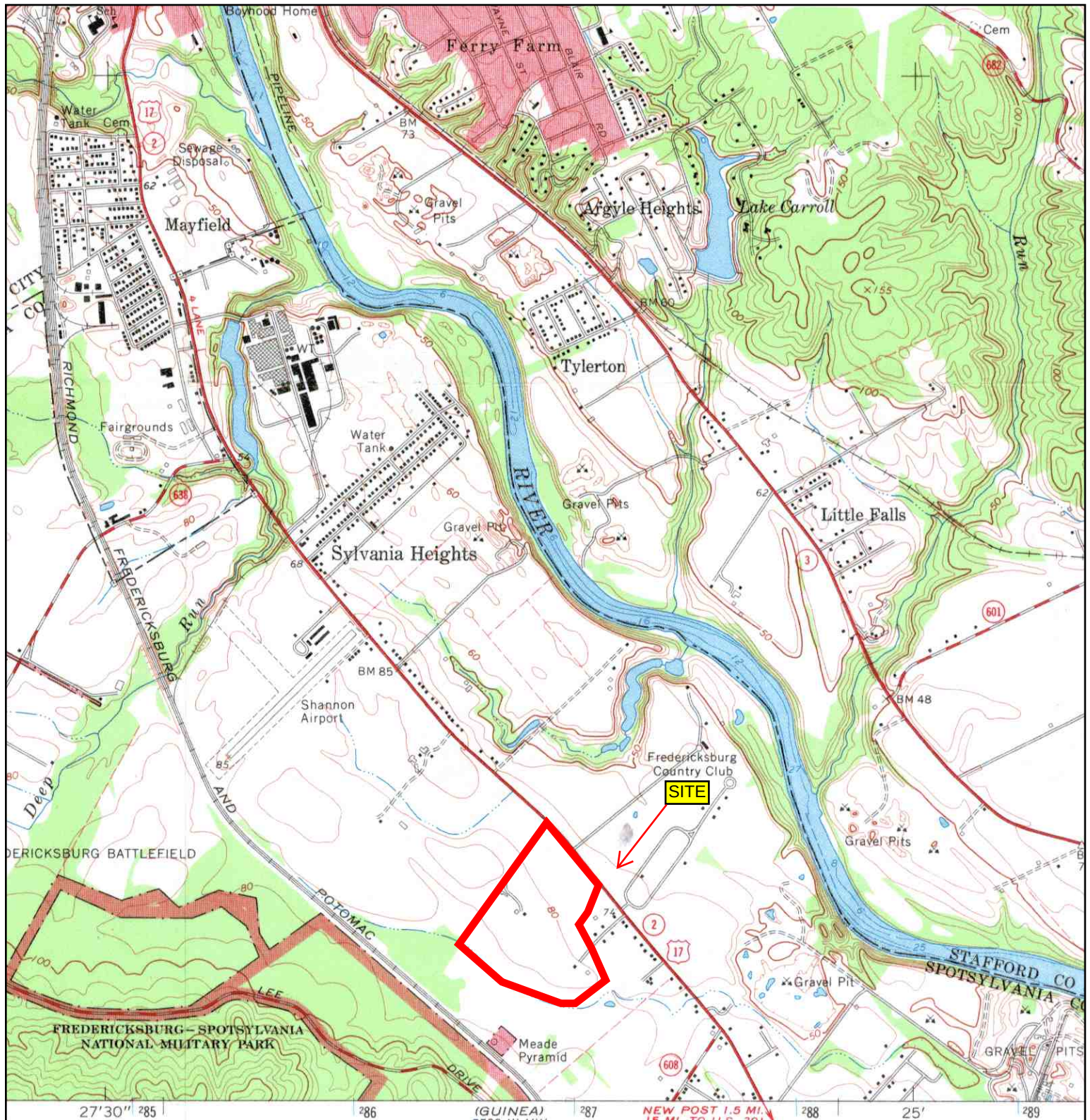
	TARGET QUAD	SITE NAME:	GMPT Fredericksburg	CLIENT:	LFR Inc
	NAME: FREDERICKSBURG	ADDRESS:	11032 Tidewater Trail	CONTACT:	Brian Pedersen
	MAP YEAR: 1894		Fredericksburg, VA 22408	INQUIRY#:	2616617.4
	SERIES: 30	LAT/LONG:	38.2595 / 77.4349	RESEARCH DATE:	10/16/2009
	SCALE: 1:125000				

Historical Topographic Map



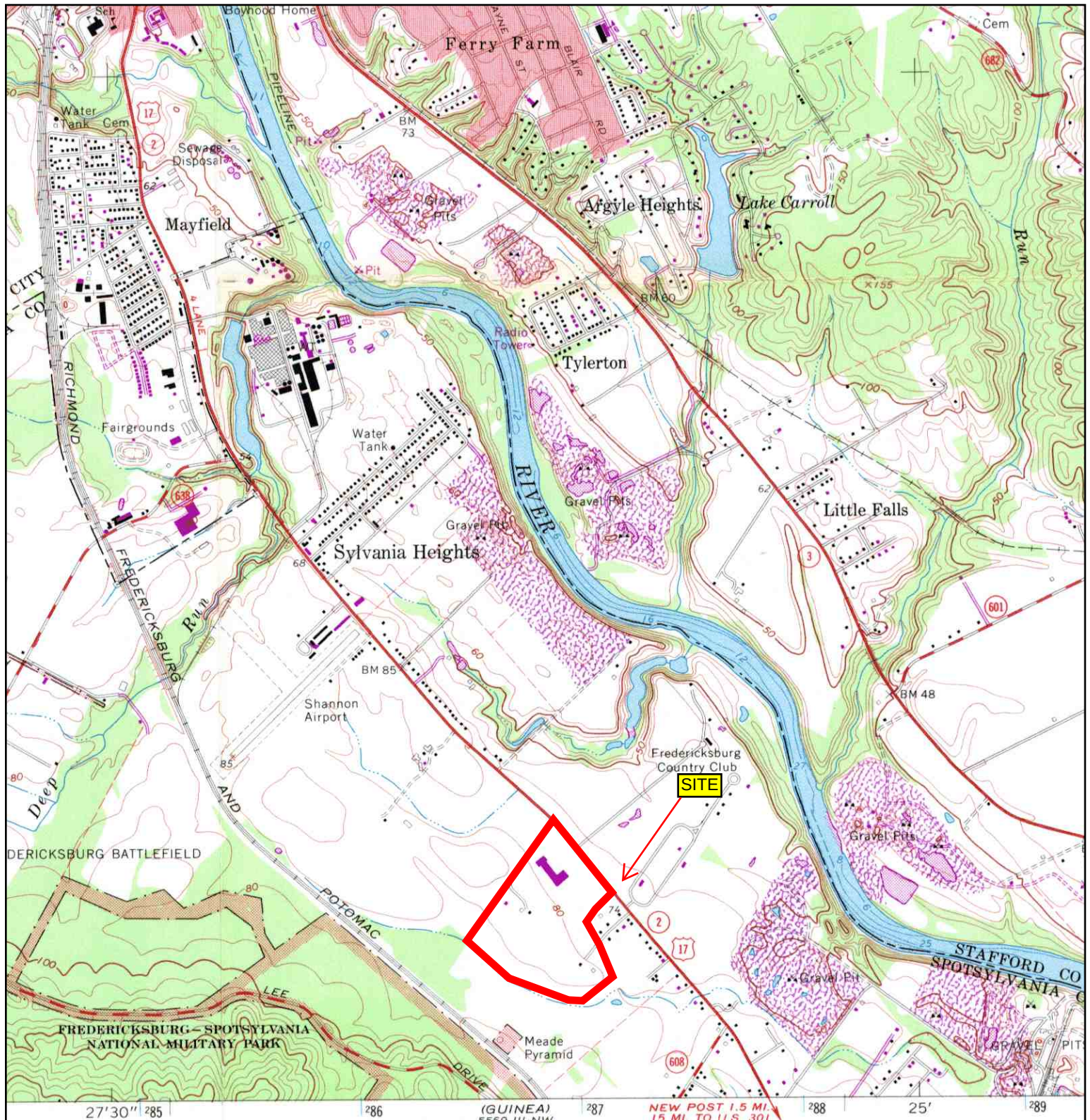
	TARGET QUAD	SITE NAME: GMPT Fredericksburg ADDRESS: 11032 Tidewater Trail Fredericksburg, VA 22408 LAT/LONG: 38.2595 / 77.4349	CLIENT: LFR Inc CONTACT: Brian Pedersen INQUIRY#: 2616617.4 RESEARCH DATE: 10/16/2009
	NAME: FREDERICKSBURG		
	MAP YEAR: 1943		
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



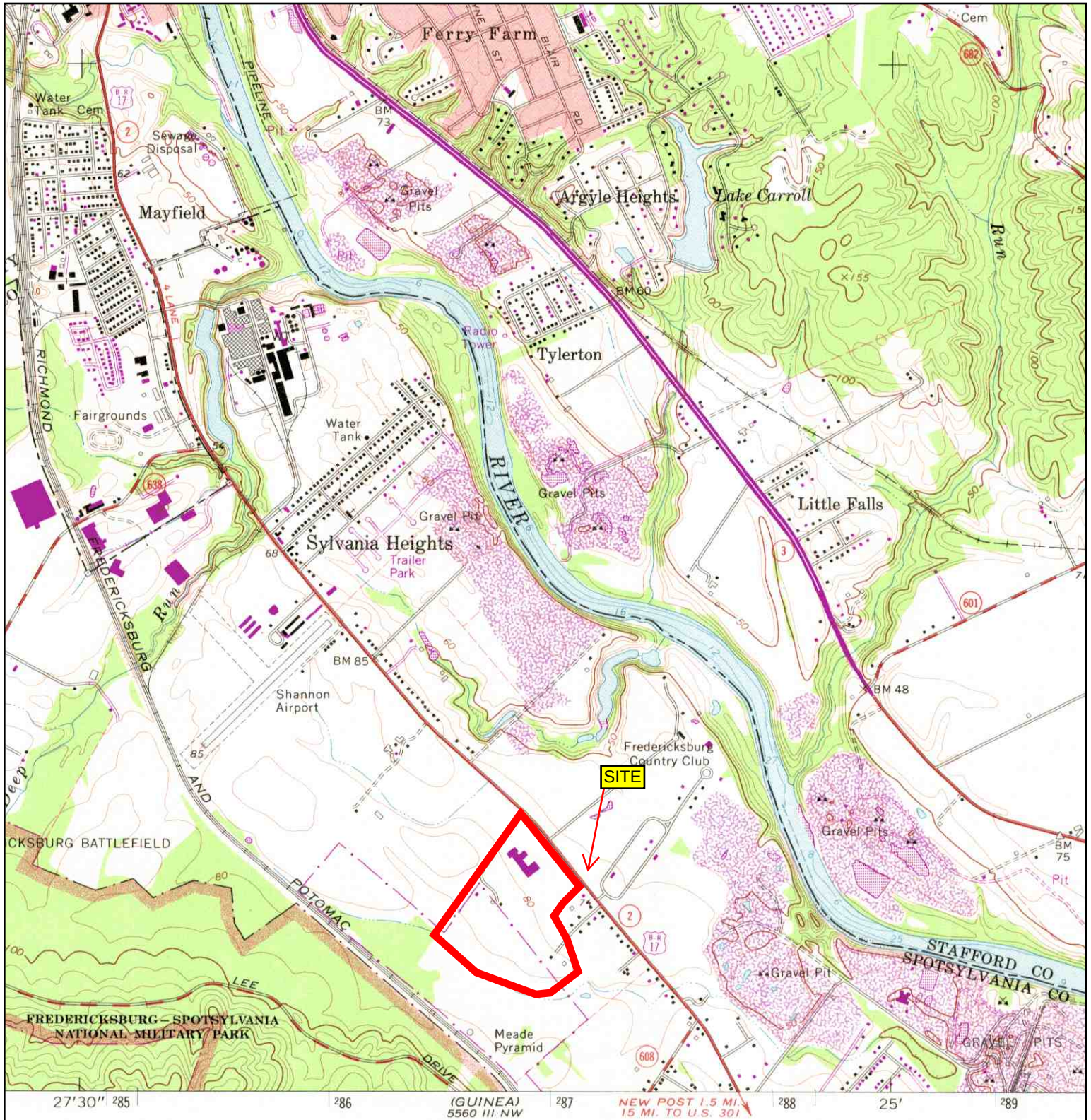
	TARGET QUAD	SITE NAME:	GMPT Fredericksburg	CLIENT:	LFR Inc
	NAME: FREDERICKSBURG	ADDRESS:	11032 Tidewater Trail	CONTACT:	Brian Pedersen
	MAP YEAR: 1966		Fredericksburg, VA 22408	INQUIRY#:	2616617.4
	SERIES: 7.5	LAT/LONG:	38.2595 / 77.4349	RESEARCH DATE:	10/16/2009
	SCALE: 1:24000				

Historical Topographic Map



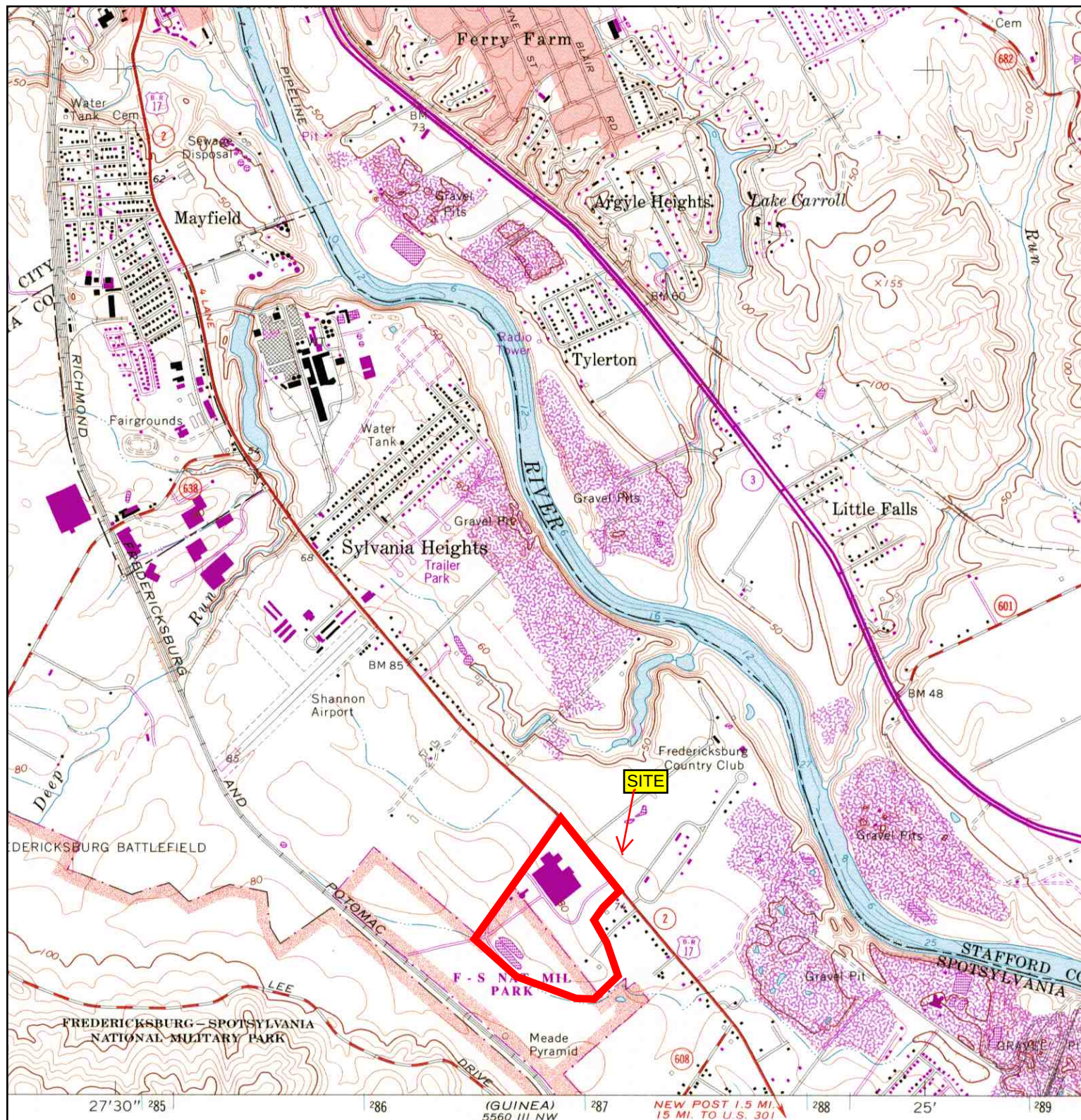
	TARGET QUAD	SITE NAME:	GMPT Fredericksburg	CLIENT:	LFR Inc
	NAME: FREDERICKSBURG	ADDRESS:	11032 Tidewater Trail	CONTACT:	Brian Pedersen
	MAP YEAR: 1971		Fredericksburg, VA 22408	INQUIRY#:	2616617.4
	PHOTOREVISED FROM: 1966	LAT/LONG:	38.2595 / 77.4349	RESEARCH DATE:	10/16/2009
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



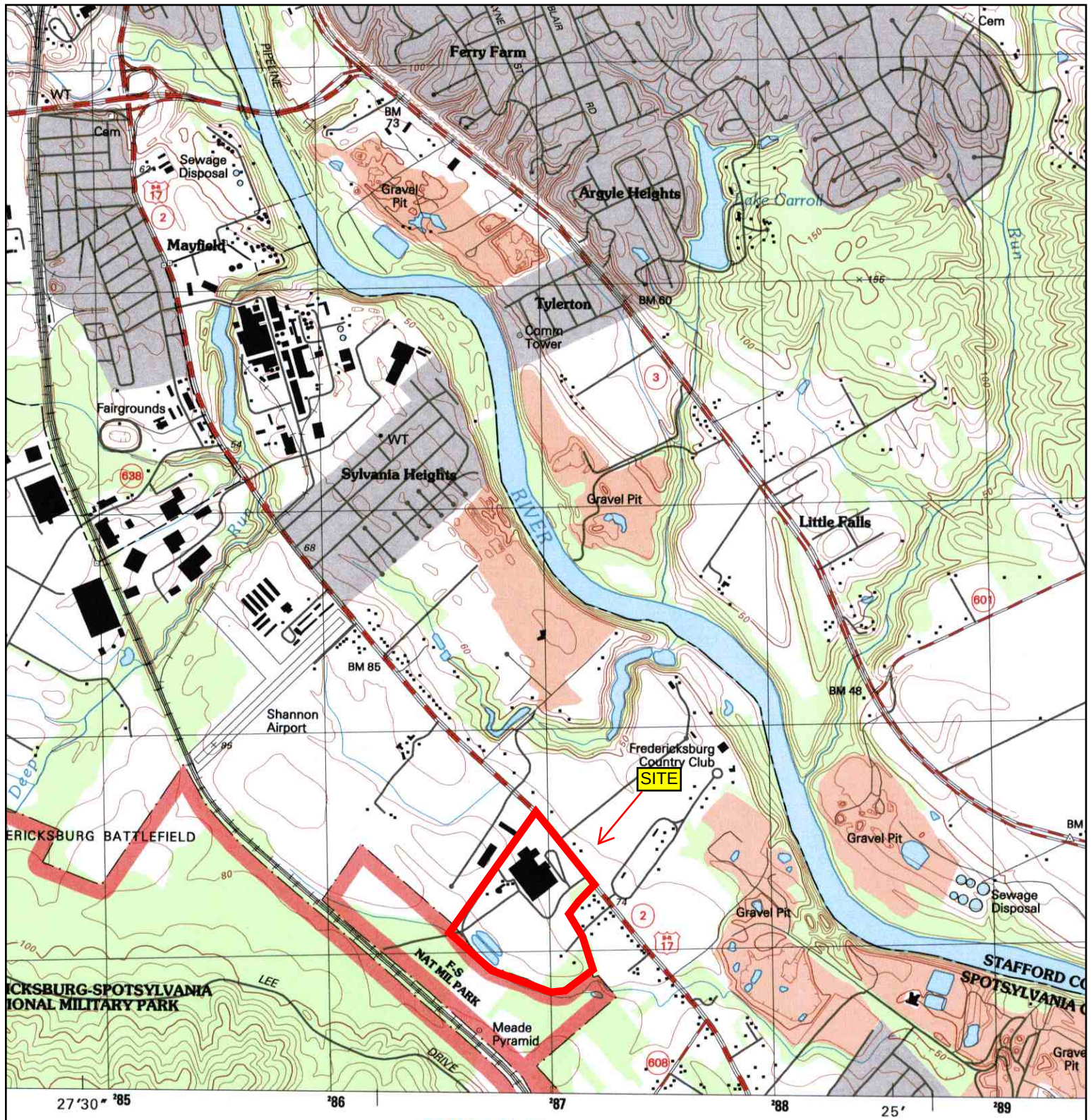
N ↑	TARGET QUAD NAME: FREDERICKSBURG MAP YEAR: 1978 PHOTOREVISED FROM: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: GMPT Fredericksburg ADDRESS: 11032 Tidewater Trail Fredericksburg, VA 22408 LAT/LONG: 38.2595 / 77.4349	CLIENT: LFR Inc CONTACT: Brian Pedersen INQUIRY#: 2616617.4 RESEARCH DATE: 10/16/2009
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Historical Topographic Map



N ↑	TARGET QUAD NAME: FREDERICKSBURG MAP YEAR: 1984 PHOTOREVISED FROM: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: GMPT Fredericksburg ADDRESS: 11032 Tidewater Trail Fredericksburg, VA 22408 LAT/LONG: 38.2595 / 77.4349	CLIENT: LFR Inc CONTACT: Brian Pedersen INQUIRY#: 2616617.4 RESEARCH DATE: 10/16/2009
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Historical Topographic Map



N ↑	TARGET QUAD NAME: FREDERICKSBURG MAP YEAR: 1994 SERIES: 7.5 SCALE: 1:24000	SITE NAME: GMPT Fredericksburg ADDRESS: 11032 Tidewater Trail Fredericksburg, VA 22408 LAT/LONG: 38.2595 / 77.4349	CLIENT: LFR Inc CONTACT: Brian Pedersen INQUIRY#: 2616617.4 RESEARCH DATE: 10/16/2009
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APPENDIX C

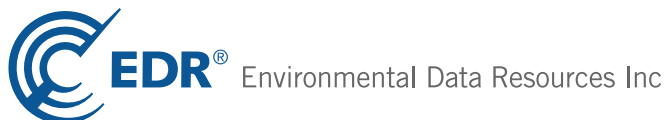
EDR Radius Map Report

GMPT Fredericksburg

11032 Tidewater Trail
Fredericksburg, VA 22408

Inquiry Number: 2616617.2s
October 16, 2009

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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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

11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

COORDINATES

Latitude (North): 38.259500 - 38° 15' 34.2"
Longitude (West): 77.434900 - 77° 26' 5.6"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 286957.3
UTM Y (Meters): 4237205.5
Elevation: 76 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38077-C4 FREDERICKSBURG, VA
Most Recent Revision: 1994

South Map: 38077-B4 GUINEA, VA
Most Recent Revision: 1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
GM POWERTRAIN 11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408	SPILLS Facility Status: CLOSED	N/A
GENERAL MOTORS POWERTRAIN 11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408	ICIS	N/A
GENERAL MOTORS COMPANY - DELCO MO 11032 TIDEWATER TRL FREDERICKSBURG, VA 22408	LTANKS Facility Status: Closed	N/A

EXECUTIVE SUMMARY

MOTORS LIQUIDATION COMPANY 11032 TIDEWATER TRL FREDERICKSBURG, VA 22408	UST AST	N/A
G M C DELCO MORaine DIV. 3401 TIDEWATER TRAIL SPOTSYLVANIA COUNTY, VA 22408	FINDS RCRA-TSDF CORRACTS CERC-NFRAP RCRA-NonGen	VAD091222588
11032 TIDEWATER TRAIL 11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408	ERNS	N/A
GENERAL MOTORS (GM) FACILITY 11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408	SPIILLS	N/A
GENERAL MOTORS POWERTRAIN 11032 TIDEWATER TRAIL FREDERICKSBURG, VA	SPIILLS	N/A
GENERAL MOTORS POWERTRAIN 11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408	FINDS	N/A
11032 TIDEWATER TRAIL 11032 TIDEWATER TRAIL FREDERICKBURG, VA 22408	ERNS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

RCRA-SQG..... RCRA - Small Quantity Generators

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

State- and tribal - equivalent CERCLIS

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

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

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

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Tracking Database

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

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Sites Listing

INST CONTROL..... Voluntary Remediation Program Database

State and tribal voluntary cleanup sites

VCP..... Voluntary Remediation Program

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site Specific Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
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
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
DRYCLEANERS..... Drycleaner List
ENF..... Enforcement Actions Data
NPDES..... Comprehensive Environmental Data System
AIRS..... Permitted Airs Facility List
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH..... Coal Ash Disposal Sites
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

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 09/03/2009 has revealed that there are 2 LTANKS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAS MART 28 Facility Status: Closed	11517 TIDEWATER TRL	NW 1/8 - 1/4 (0.136 mi.)	C16	78
QUARLES - Q CARD 2 Facility Status: Closed	11913 TIDEWATER TRL	NW 1/8 - 1/4 (0.190 mi.)	D19	102

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 09/03/2009 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FREDERICKSBURG COUNTRY CLUB	11031 TIDEWATER TRL	ESE 0 - 1/8 (0.006 mi.)	11	43
<i>FREDERICKSBURG PETROLEUM SERVI</i>	<i>11324 TIDEWATER TRL</i>	<i>NW 0 - 1/8 (0.109 mi.)</i>	<i>B12</i>	<i>44</i>
GREENLINE SERVICE CORPORATION	11417 TIDEWATER TRL	NW 0 - 1/8 (0.122 mi.)	B13	60
ORRS FOOD MARKET	11505 TIDEWATER TRL	NW 1/8 - 1/4 (0.134 mi.)	B14	69
FAS MART #28	11517 TIDEWATER TRL	NW 1/8 - 1/4 (0.136 mi.)	C15	72
ANDYS STORE INCORPORATED	11901 TIDEWATER TRL	NW 1/8 - 1/4 (0.188 mi.)	D17	78
Q-CARD #2	11913 TIDEWATER TRL	NW 1/8 - 1/4 (0.190 mi.)	D18	86

EXECUTIVE SUMMARY

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

A review of the AST list, as provided by EDR, and dated 09/03/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FREDERICKSBURG PETROLEUM SERVI</i>	<i>11324 TIDEWATER TRL</i>	<i>NW 0 - 1/8 (0.109 mi.)</i>	<i>B12</i>	<i>44</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the MINES list, as provided by EDR, and dated 05/28/2009 has revealed that there is 1 MINES site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MASSAPANOX S + G		NNE 1/8 - 1/4 (0.222 mi.)	20	102

EXECUTIVE SUMMARY

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

Site Name	Database(s)
PAYNE, ROBERT B. PROPERTY	LUST
VIRGINIA ARMY NATIONAL GUARD	LUST
ANDERSON OIL (FORMER)	LUST
CHESAPEAKE CORPORATION	LUST
RESIDENT UNKNOWN	LUST
QUARLES/HENDERSONS GROCERY	LUST
SHELTON WELL	LUST
VDOT - CHANCELLOR AREA HEADQUARTER	LUST
HALE PRODUCTS	LUST, SPILLS
QUARLES TERMINAL - FREDERICKSBURG	LUST
C & P TELEPHONE	LUST, SPILLS
RITE AID (PROPOSED)	LUST
TEXACO #23-508-0029	LUST
GENERAL PRODUCTS WELL	LTANKS
BRITT BILL MAZDA	RCRA-SQG, FINDS
MERCHANTS TIRE & AUTO 06013	FINDS, RCRA-NonGen
FREDERICKSBURG DESIGN CENTER	SPILLS
APAC FREDERICKSBURG ASPHALT PLANT	SPILLS
FREDERICKSBURG WWTP	SPILLS
FREDERICKSBURG WWTP	SPILLS
CITY OF FREDERICKSBURG WWTP	SPILLS
FREDERICKSBURG WWTF	SPILLS
FREDERICKSBURG CONCRETE	SPILLS
I-95 SB REST AREA FREDERICKSBURG	SPILLS
FREDERICKSBURG CITY DOCK	SPILLS
CITY OF FREDERICKSBURG	SPILLS
FREDERICKSBURG MOTOR CARS	SPILLS
FREDERICKSBURG AMORY	SPILLS
SERVICETOWN FREDERICKSBURG	SPILLS
FREDERICKSBURG SUBSTATION	SPILLS
FREDERICKSBURG AUTO AUCTION	SPILLS
FREDERICKSBURG COUNTY CLUB	SPILLS
11304 TRISLER RD., FREDERICKSBURG	SPILLS
VA DEPT OF TRANSPORTATION	MANIFEST

OVERVIEW MAP - 2616617.2s



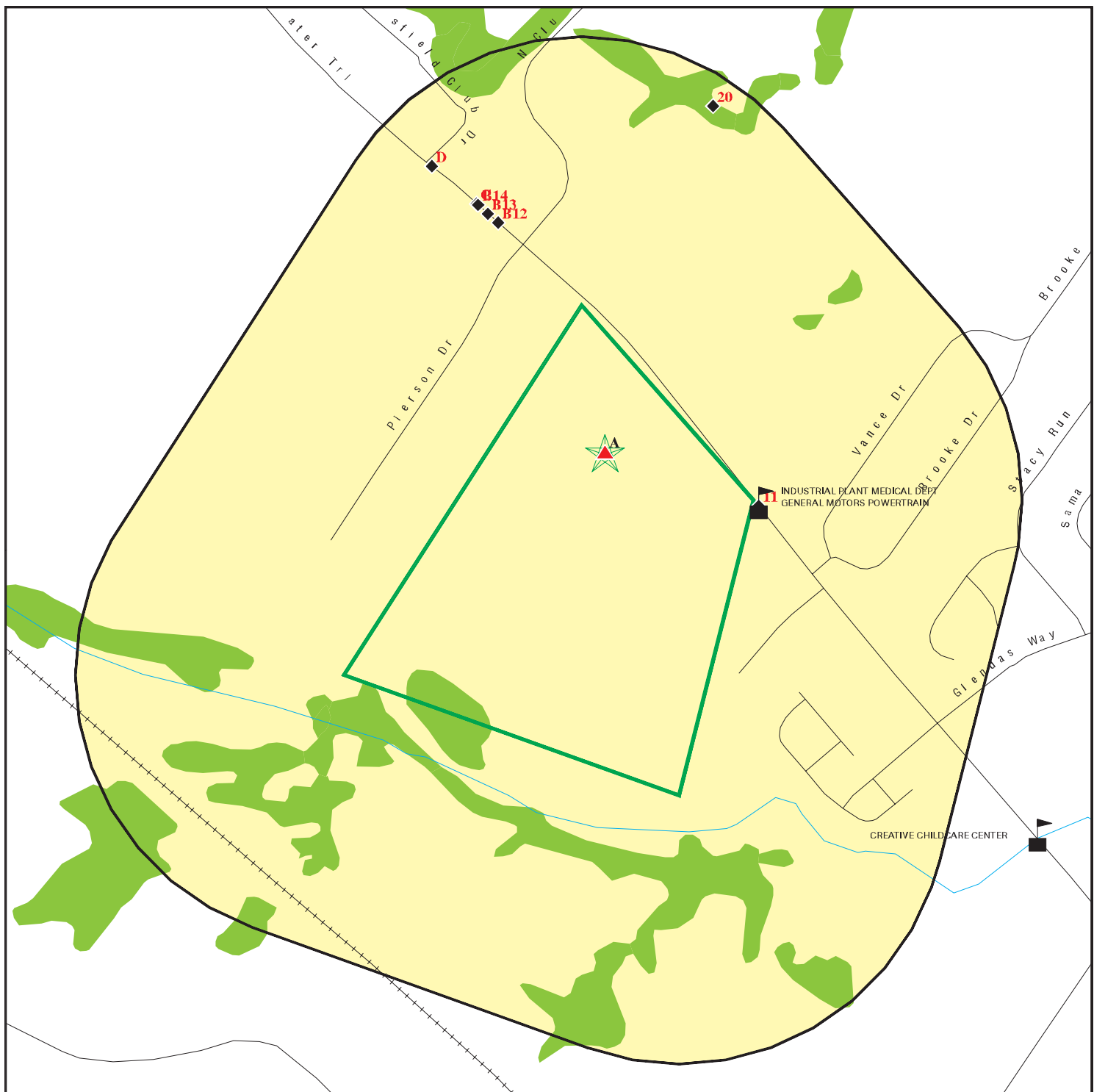
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  County Boundary
-  Oil & Gas pipelines
-  National Wetland Inventory

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

SITE NAME: GMPT Fredericksburg
 ADDRESS: 11032 Tidewater Trail
 Fredericksburg VA 22408
 LAT/LONG: 38.2595 / 77.4349

CLIENT: LFR Inc
 CONTACT: Brian Pedersen
 INQUIRY #: 2616617.2s
 DATE: October 16, 2009 1:16 pm

DETAIL MAP - 2616617.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines
-  National Wetland Inventory

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

SITE NAME: GMPT Fredericksburg
 ADDRESS: 11032 Tidewater Trail
 Fredericksburg VA 22408
 LAT/LONG: 38.2595 / 77.4349

CLIENT: LFR Inc
 CONTACT: Brian Pedersen
 INQUIRY #: 2616617.2s
 DATE: October 16, 2009 1:17 pm

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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	X	0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	X	1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	X	0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	X	TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	0	0	NR	NR	0
LTANKS	X	0.500	0	2	0	NR	NR	2
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	X	0.250	3	4	NR	NR	NR	7

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
AST	X	0.250	1	0	NR	NR	NR	1
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS	X	TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	X	0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	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
MINES		0.250	0	1	NR	NR	NR	1
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

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
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	X	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
DRYCLEANERS		0.250	0	0	NR	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
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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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
Target
Property

GM POWERTRAIN
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

SPILLS **S106239707**
N/A

Site 1 of 10 in cluster A

Actual:
76 ft.

SPILLS NO:

Region: NO
Id: Not reported
Incident Summary: Overflow of wet sludge from waste water treatment tank
Date In: 12/2/1998
Date Closed: Not reported
Pollution Type: Not reported
Responsible Party: Not reported
Facility Status: CLOSED
Owner: General Motors
Facility Contact: Not reported
Facility Permitted: Not reported
Facility Telephone: Not reported
Time In: Not reported
Reported By Name: Rodney Black, Plant Mgr. GM
Reported By Telephone: 540-899-5065
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
River Basin: Not reported
Inspection Date: Not reported
Call Date: Not reported
Inspector: Not reported
Response Due: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM POWERTRAIN (Continued)

S106239707

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:	99-S059
Receive By:	CBW
Case Officer:	RB/PZG
Case Type:	UD/S
Street Address:	Not reported
Pollutant:	Sludge from treatment tank
Impact:	containment area
Spill Time:	6:00
Spill Date:	11/11/1998
Spill Volume:	1400
Measure:	gallons
Volume In Water:	0
Stream Name:	Not reported
Investigation Date:	Not reported
Closure Date:	12/28/1998
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:	Anonymous call placed to Steve Morris of DEQ/PRO. A concrete press pit, approx size is 115' x 120' is designed to catch & contain cutting fluids & lubricants. Pit is cracked & leaking fluids into subsurface. Mgmt is aware of problem but doing nothinAudit revealed coolant loss between 5/5/99 and 6/1/99g to fix.
Inspection Cmnt:	Freon regulated by EPA R3. No state oversightEPA I.D. #VAD091222588. M. Raney called 09/04/07. Left VM. Will plan inspection.
Reported:	See attached letter from GM Powertrain stating that the overflow was due to operator error. The pump control for the incoming flow to the sludge thickener from the clarifier was set to "manual" as opposed to "automatic". To prevent reoccurrence the manual control for the pump was disconnected. This is a pretreatment treatment system.
Results:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM POWERTRAIN (Continued)

S106239707

Region: NO
Id: Not reported
Incident Summary: Not reported
Date In: 9/10/1999
Date Closed: 9/13/1999
Pollution Type: Not reported
Responsible Party: GM Powertrain
Facility Status: Not reported
Owner: Not reported
Facility Contact: George Applin
Facility Permitted: -1
Facility Telephone: 540-899-5074
Time In: Not reported
Reported By Name: NRC
Reported By Telephone: Not reported
Reported By Affiliation/Addr: Not reported
Incident Response IR #: 2000-N-0151
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: 5/5/1999
Incident Time: Not reported
Petroleum: 0
Solid Waste: 0
Hazardous Waste: 0
Water: 0
Air: -1
Sewage: 0
Fish Kill: 0
Threat Wetlands: 0
Wetlands: 0
Material Released: R11 refrigerant
Possible Receptors: air
Quantity Released: 650
Unit Released: lbs
Quantity In Water: 0
Receiving Waters: Not reported
River Basin: Not reported
Inspection Date: Not reported
Call Date: Not reported
Inspector: Not reported
Response Due: Not reported
Response Received Date: Not reported
Visit Needed: 0
Open: 0
Air Referral Date: 9/13/1999
Air Reg/ Permit Number: 40684

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM POWERTRAIN (Continued)

S106239707

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:	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:	Anonymous call placed to Steve Morris of DEQ/PRO. A concrete press pit, approx size is 115' x 120' is designed to catch & contain cutting fluids & lubricants. Pit is cracked & leaking fluids into subsurface. Mgmt is aware of problem but doing nothinAudit revealed coolant loss between 5/5/99 and 6/1/99g to fix.
Inspection Cmnt:	Freon regulated by EPA R3. No state oversightEPA I.D. #VAD091222588. M. Raney called 09/04/07. Left VM. Will plan inspection.
Reported:	See attached letter from GM Powertrain stating that the overflow was due to operator error. The pump control for the incoming flow to the sludge thickener from the clarifier was set to "manual" as opposed to "automatic". To prevent reoccurrence the manual control for the pump was disconnected. This is a pretreatment treatment system.
Results:	Not reported
Region:	NO
Id:	Not reported
Incident Summary:	Not reported
Date In:	8/23/2007
Date Closed:	8/28/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM POWERTRAIN (Continued)

S106239707

Pollution Type: Not reported
Responsible Party: Not reported
Facility Status: Not reported
Owner: Not reported
Facility Contact: Anonymous
Facility Permitted: -1
Facility Telephone: Not reported
Time In: 11:20:00 AM
Reported By Name: Steve Morris-PRO PREP to Ed Stuart
Reported By Telephone: Not reported
Reported By Affiliation/Addr: Not reported
Incident Response IR #: 2008-N-0128
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: 8/23/2007
Incident Time: Not reported
Petroleum: 0
Solid Waste: 0
Hazardous Waste: -1
Water: 0
Air: 0
Sewage: 0
Fish Kill: 0
Threat Wetlands: 0
Wetlands: 0
Material Released: waste fluids
Possible Receptors: Not reported
Quantity Released: unknown
Unit Released: Not reported
Quantity In Water: Not reported
Receiving Waters: Not reported
River Basin: Not reported
Inspection Date: Not reported
Call Date: Not reported
Inspector: Not reported
Response Due: Not reported
Response Received Date: Not reported
Visit Needed: 0
Open: 0
Air Referral Date: Not reported
Air Reg/ Permit Number: Not reported
Waste Referral Date: 8/28/2007
Epa Id Or Permit Number: M. Raney
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

GM POWERTRAIN (Continued)

S106239707

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
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: Anonymous call placed to Steve Morris of DEQ/PRO. A concrete press pit, approx size is 115' x 120' is designed to catch & contain cutting fluids & lubricants. Pit is cracked & leaking fluids into subsurface. Mgmt is aware of problem but doing nothinAudit revealed coolant loss between 5/5/99 and 6/1/99g to fix.
Inspection Cmnt: Freon regulated by EPA R3. No state oversightEPA I.D. #VAD091222588. M. Raney called 09/04/07. Left VM. Will plan inspection.
Reported: See attached letter from GM Powertrain stating that the overflow was due to operator error. The pump control for the incoming flow to the sludge thickener from the clarifier was set to "manual" as opposed to "automatic". To prevent reoccurrence the manual control for the pump was disconnected. This is a pretreatment treatment system.
Results: Not reported

A2
Target
Property
GENERAL MOTORS POWERTRAIN
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

ICIS 1011902067
N/A

Site 2 of 10 in cluster A

Actual:
76 ft.

ICIS:
Enforcement Action ID: 03-2009-0016
FRS ID: 110037244247
Program ID: FRS 110037244247
Action Name: GENERAL MOTORS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS POWERTRAIN (Continued)

1011902067

Facility Name: GENERAL MOTORS POWERTRAIN
Facility Address: 11032 TIDEWATER TRAIL
FREDERICKSBURG, Virginia 22408
Enforcement Action Type: SDWA 1423C3 AO for Compliance (UIC)
Facility County: SPOTSYLVANIA
EPA Region #: 3

Program ID: FRS 110037244247
Facility Name: GENERAL MOTORS POWERTRAIN
Address: 11032 TIDEWATER TRAIL FREDERICKSBURG VA 22408
Tribal Indicator: No
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: Not reported

A3
Target
Property

GENERAL MOTORS COMPANY - DELCO MORAINÉ
11032 TIDEWATER TRL
FREDERICKSBURG, VA 22408

LTANKS **S104897491**
N/A

Site 3 of 10 in cluster A

Actual:
76 ft.

LTANKS:
CEDS Facility Id: 200000078051
Case Status: **Closed**
Pollution Complaint #: 19900838
Reported: 09-Jan-1990

A4
Target
Property

MOTORS LIQUIDATION COMPANY
11032 TIDEWATER TRL
FREDERICKSBURG, VA 22408

UST **U003679840**
AST **N/A**

Site 4 of 10 in cluster A

Actual:
76 ft.

UST:
Facility:
Facility Id: 3009697
CEDS Facility ID: 200000078051
Facility Type: INDUSTRIAL

UST:
Facility Id: 3009697
Owner Id: 31412
Owner Name: GM Powertrain
Owner Address: 11032 Tidewater Trail
Owner Address2: Not reported
Owner City, State, Zip: Fredericksburg, VA 22408
UST Status: Not reported
AST Status: Not reported

Facility Id: 3009697
Owner Id: 40743
Owner Name: David Clarkson
Owner Address: 11032 Tidewater Trl
Owner Address2: Not reported
Owner City, State, Zip: Fredericksburg, VA 22408

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

UST Status:	Not reported
AST Status:	Reg
Federally Regulated:	Yes
Tank Number:	R1
Tank Capacity:	1000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R1
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported
Release:	
Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R1
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Pipe Release Detection: Stat Invent Recon N
Pipe Release Detection: Groundwater N
Pipe Release Det: Int Secondary Containment N
Pipe Release Det: Interior Double Walled N
Pipe Release Detection: Other Method N
Pipe Release Detection: Other Note Not reported

Pipe Material:

Tank Type: UST
Fac Id: 3009697
Own Id: 31412
Tank Number: R1
Install Date: 01-Apr-1981
Tank Status: REM FROM GRD
Pipe Type: UNKNOWN
Pipe Materials: Bare Steel Y
Pipe Materials: Galvanized Steel N
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

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

Tank Material:

Tank Type: UST
Fac Id: 3009697
Own Id: 31412
Tank Number: R2
Install Date: 01-Apr-1981
Tank Status: REM FROM GRD
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Release:

Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R2
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R2
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R3
Tank Capacity:	1000
Tank Contents:	GASOLINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Tank Status:	REM FROM GRD
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R3
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported
Release:	
Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R3
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Pipe Material:

Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R3
Install Date:	01-Apr-1981
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R4
Tank Capacity:	2000
Tank Contents:	USED OIL
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R4
Install Date:	01-Apr-1980
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R4
Install Date:	01-Apr-1980
Tank Status:	REM FROM GRD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3009697
Own Id:	31412
Tank Number:	R4
Install Date:	01-Apr-1980
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Y
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

AST:

Facility ID:	3009697
Tank Number:	16669
Fed Regulated:	No
Tank Capacity:	1000
Tank Contents:	LUBE OIL
Tank Status:	DISMANTLED
Tank Type:	AST

CEDS Facility ID:	200000078051
Facility Address 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Facility Type: INDUSTRIAL

AST:

Facility Id: 3009697
Owner Id: 31412
Owner Name: GM Powertrain
Owner Address: 11032 Tidewater Trail
Owner Address2: Not reported
Owner City: Fredericksburg
Owner State: VA
Owner Zip: 22408
Ust Status: Not reported
Ast Status: Not reported

Facility Id: 3009697
Owner Id: 40743
Owner Name: David Clarkson
Owner Address: 11032 Tidewater Trl
Owner Address2: Not reported
Owner City: Fredericksburg
Owner State: VA
Owner Zip: 22408
Ust Status: Not reported
Ast Status: Reg

Tank Containment:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: 16669
Install Date: Not reported
Tank Status: DISMANTLED
Containment: Curbing Y
Containment: Weirs N
Containment: Sorbent N
Containment: Culvert N
Containment: Diversion N
Containment: Retention N
Containment: Dike N
Containment: Unknown N
Containment: Other N
Containment: Other Note Not reported
Release Detection: Ground Water N
Release Detection: Visual Y
Release Detection: Vapor N
Release Detection: Interstitial N
Release Detection: None N
Release Detection: Other N
Release Detection: Other Note Not reported
Release Prevention: Double Bottom N
Release Prevention: Double Walled N
Release Prevention: Lined Interior N
Release Prevention: Poly Jacket N
Release Prevention: Exc Liner N
Release Prevention: None Y
Release Prevention: Unknown N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Release Prevention: Other N
Release Prevention: Other Note Not reported

Tank Foundation:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: 16669
Install Date: Not reported
Tank Status: DISMANTLED
Tank Foundation: Steel N
Tank Foundation: Earthen N
Tank Foundation: Concrete Imp N
Tank Foundation: Unknown N
Tank Foundation: Other Y
Tank Foundation: Other Note Not reported
Tank Roof: Float N
Tank Roof: Cone N
Tank Roof: Breather N
Tank Roof: Dbldck N
Tank Roof: Pontoon N
Tank Roof: Balloon N
Tank Roof: Lifter N
Tank Roof: Pan N
Tank Roof: Other Y
Tank Roof: Other Note Oval Steel Tank

Tank Material:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: 16669
Install Date: Not reported
Tank Status: DISMANTLED
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Epoxy Coated Interior N
Tank Materials: Epoxy Coated Exterior N
Tank Materials: Double Walled N
Tank Materials: Double Bottomed N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Facility ID: 3009697
Tank Number: 19409
Fed Regulated: No
Tank Capacity: 100000
Tank Contents: FUEL OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Tank Status: DISMANTLED
Tank Type: AST

Tank Containment:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: 19409
Install Date: 01-May-1980
Tank Status: DISMANTLED
Containment: Curbing N
Containment: Weirs N
Containment: Sorbent N
Containment: Culvert N
Containment: Diversion N
Containment: Retention N
Containment: Dike Y
Containment: Unknown N
Containment: Other N
Containment: Other Note Not reported
Release Detection: Ground Water N
Release Detection: Visual Y
Release Detection: Vapor N
Release Detection: Interstitial N
Release Detection: None N
Release Detection: Other N
Release Detection: Other Note Not reported
Release Prevention: Double Bottom N
Release Prevention: Double Walled N
Release Prevention: Lined Interior N
Release Prevention: Poly Jacket N
Release Prevention: Exc Liner N
Release Prevention: None N
Release Prevention: Unknown Y
Release Prevention: Other N
Release Prevention: Other Note Not reported

Tank Foundation:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: 19409
Install Date: 01-May-1980
Tank Status: DISMANTLED
Tank Foundation: Steel N
Tank Foundation: Earthen N
Tank Foundation: Concrete Imp Y
Tank Foundation: Unknown N
Tank Foundation: Other N
Tank Foundation: Other Note Not reported
Tank Roof: Float N
Tank Roof: Cone N
Tank Roof: Breather Y
Tank Roof: Dbldck N
Tank Roof: Pontoon N
Tank Roof: Balloon N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	N
Tank Roof: Other Note	Not reported

Tank Material:

Tank Type:	AST
Fac Id:	3009697
Own Id:	31412
Tank Number:	19409
Install Date:	01-May-1980
Tank Status:	DISMANTLED
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Epoxy Coated Interior	N
Tank Materials: Epoxy Coated Exterior	N
Tank Materials: Double Walled	N
Tank Materials: Double Bottomed	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Facility ID:	3009697
Tank Number:	FREE
Fed Regulated:	No
Tank Capacity:	4000
Tank Contents:	USED OIL
Tank Status:	CURR IN USE
Tank Type:	AST

Tank Containment:

Tank Type:	AST
Fac Id:	3009697
Own Id:	31412
Tank Number:	FREE
Install Date:	01-May-1980
Tank Status:	CURR IN USE
Containment: Curbing	N
Containment: Weirs	N
Containment: Sorbent	N
Containment: Culvert	N
Containment: Diversion	N
Containment: Retention	N
Containment: Dike	Y
Containment: Unknown	N
Containment: Other	N
Containment: Other Note	Not reported
Release Detection: Ground Water	N
Release Detection: Visual	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Release Detection: Vapor	N
Release Detection: Interstitial	N
Release Detection: None	N
Release Detection: Other	N
Release Detection: Other Note	Not reported
Release Prevention: Double Bottom	N
Release Prevention: Double Walled	N
Release Prevention: Lined Interior	N
Release Prevention: Poly Jacket	N
Release Prevention: Exc Liner	N
Release Prevention: None	N
Release Prevention: Unknown	Y
Release Prevention: Other	N
Release Prevention: Other Note	Not reported

Tank Foundation:

Tank Type:	AST
Fac Id:	3009697
Own Id:	31412
Tank Number:	FREE
Install Date:	01-May-1980
Tank Status:	CURR IN USE
Tank Foundation: Steel	N
Tank Foundation: Earthen	N
Tank Foundation: Concrete Imp	Y
Tank Foundation: Unknown	N
Tank Foundation: Other	N
Tank Foundation: Other Note	Not reported
Tank Roof: Float	N
Tank Roof: Cone	N
Tank Roof: Breather	N
Tank Roof: Dbldeck	N
Tank Roof: Pontoon	N
Tank Roof: Balloon	N
Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	N
Tank Roof: Other Note	Not reported

Tank Material:

Tank Type:	AST
Fac Id:	3009697
Own Id:	31412
Tank Number:	FREE
Install Date:	01-May-1980
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Insulated Tank Jacket	Y
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Epoxy Coated Interior	N
Tank Materials: Epoxy Coated Exterior	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Tank Materials: Double Walled N
Tank Materials: Double Bottomed N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Facility ID: 3009697
Tank Number: SKIM
Fed Regulated: No
Tank Capacity: 4000
Tank Contents: USED OIL
Tank Status: CURR IN USE
Tank Type: AST

Tank Containment:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: SKIM
Install Date: 01-May-1980
Tank Status: CURR IN USE
Containment: Curbing N
Containment: Weirs N
Containment: Sorbent N
Containment: Culvert N
Containment: Diversion N
Containment: Retention N
Containment: Dike Y
Containment: Unknown N
Containment: Other N
Containment: Other Note Not reported
Release Detection: Ground Water N
Release Detection: Visual Y
Release Detection: Vapor N
Release Detection: Interstitial N
Release Detection: None N
Release Detection: Other N
Release Detection: Other Note Not reported
Release Prevention: Double Bottom N
Release Prevention: Double Walled N
Release Prevention: Lined Interior N
Release Prevention: Poly Jacket N
Release Prevention: Exc Liner N
Release Prevention: None N
Release Prevention: Unknown Y
Release Prevention: Other N
Release Prevention: Other Note Not reported

Tank Foundation:

Tank Type: AST
Fac Id: 3009697
Own Id: 31412
Tank Number: SKIM
Install Date: 01-May-1980
Tank Status: CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTORS LIQUIDATION COMPANY (Continued)

U003679840

Tank Foundation: Steel	N
Tank Foundation: Earthen	N
Tank Foundation: Concrete Imp	Y
Tank Foundation: Unknown	N
Tank Foundation: Other	N
Tank Foundation: Other Note	Not reported
Tank Roof: Float	N
Tank Roof: Cone	N
Tank Roof: Breather	N
Tank Roof: Dbldeck	N
Tank Roof: Pontoon	N
Tank Roof: Balloon	N
Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	N
Tank Roof: Other Note	Not reported

Tank Material:

Tank Type:	AST
Fac Id:	3009697
Own Id:	31412
Tank Number:	SKIM
Install Date:	01-May-1980
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Insulated Tank Jacket	Y
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Epoxy Coated Interior	N
Tank Materials: Epoxy Coated Exterior	N
Tank Materials: Double Walled	N
Tank Materials: Double Bottomed	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

A5
Target
Property

G M C DELCO MORaine DIV.
3401 TIDEWATER TRIAL
SPOTSYLVANIA COUNTY, VA 22408

Site 5 of 10 in cluster A

Actual:
76 ft.

FINDS:

Registry ID: 110000340925

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of

FINDS
RCRA-TSDF
CORRACTS
CERC-NFRAP
RCRA-NonGen
MANIFEST
MANIFEST

1000885097
VAD091222588

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

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.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-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-TSDF:

Date form received by agency: 05/07/1993

Facility name: GM POWERTRAIN

Facility address: 11032 TIDEWATER TR
FREDERICKSBURG, VA 22408

EPA ID: VAD091222588

Contact: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 03

Land type: Private

Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

TSD commencement date: Not reported

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

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: 05/07/1993
Facility name: GM POWERTRAIN
Classification: Not a generator, verified

Date form received by agency: 03/01/1990
Facility name: GM POWERTRAIN
Site name: DELCO-MORaine DIV. G.M.C.
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: GM POWERTRAIN
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: GM POWERTRAIN
Classification: Conditionally Exempt Small Quantity Generator

Corrective Action Summary:

Event date: 03/17/1992
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 04/12/1999
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Event date: 04/12/1999
Event: RFI Imposition

Event date: 08/31/1999
Event: Corrective Action Process Terminated, No Further Action

Event date: 08/31/1999
Event: Certification Of Remedy Completion Or Construction Completion

Event date: 08/31/1999
Event: Date For Remedy Selection (CM Imposed)

Event date: 02/04/2002
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 02/04/2002
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Facility Has Received Notices of Violations:

Regulation violated: SR - VHWMR 9.1.G.4
Area of violation: Generators - General
Date violation determined: 06/17/1991
Date achieved compliance: 02/01/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/15/1990
Date achieved compliance: 06/17/1991
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/06/1990
Date achieved compliance: 09/14/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/15/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

Date violation determined: 03/16/1990
Date achieved compliance: 06/22/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/18/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/10/1989
Date achieved compliance: 05/31/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 08/23/1988
Date achieved compliance: 11/10/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/23/1988
Date achieved compliance: 11/10/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/12/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	08/20/1996
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/21/1995
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/30/1994
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/01/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/20/1993
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	09/17/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/17/1991
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	02/01/1994
Evaluation lead agency:	State
Evaluation date:	09/14/1990
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	08/15/1990
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	06/17/1991
Evaluation lead agency:	EPA Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

Evaluation date: 06/06/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 09/14/1990
Evaluation lead agency: State

Evaluation date: 03/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/22/1990
Evaluation lead agency: State

Evaluation date: 07/06/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/10/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/31/1989
Evaluation lead agency: State

Evaluation date: 08/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 11/10/1988
Evaluation lead agency: State

Evaluation date: 08/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/10/1988
Evaluation lead agency: State

Evaluation date: 06/22/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CORRACTS:

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 02/04/2002
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

Actual Date: 02/04/2002
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 03/17/1992
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 04/12/1999
Action: CA100 - RFI Imposition
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 04/12/1999
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 08/31/1999
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 08/31/1999
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: VAD091222588
EPA Region: 3
Area Name: ENTIRE FACILITY
Actual Date: 08/31/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

CERC-NFRAP:

Site ID: 0303861
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: G M C DELCO MORaine DIV.
Alias Address: Not reported
SPOTSYLVAN, VA

Program Priority:

Description: RCRA Deferral Audit

Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 01/10/1990
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 01/19/1990
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/23/1996
Priority Level: Not reported

NJ MANIFEST:

Manifest Code: NJA4066988
EPA ID: VAD091222588
Date Shipped: 20050224
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: OHD009865825
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050224
Date Trans2 Transported Waste: 050301
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORAIN DIV. (Continued)

1000885097

Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050302
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 04290522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

NY MANIFEST:

EPA ID: VAD091222588
Country: USA
Mailing Name: GENERAL MOTORS CORP
Mailing Contact: GEORGE APPLIN
Mailing Address: 11032 TIDEWATER TRL
Mailing Address 2: Not reported
Mailing City: FREDERICKSBURG
Mailing State: VA
Mailing Zip: 22408
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 703-899-5000

Document ID: NYG0046431
Manifest Status: Completed copy
Trans1 State ID: 54424DNY
Trans2 State ID: Not reported
Generator Ship Date: 970402
Trans1 Recv Date: 970402
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970403
Part A Recv Date: Not reported
Part B Recv Date: 970415
Generator EPA ID: VAD091222588
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSDf ID: NYD049836679
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 03310
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G M C DELCO MORaine DIV. (Continued)

1000885097

Year:	97
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
Document ID:	NYG0046422
Manifest Status:	Completed copy
Trans1 State ID:	80366VNY
Trans2 State ID:	Not reported
Generator Ship Date:	970402
Trans1 Recv Date:	970402
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970403
Part A Recv Date:	Not reported
Part B Recv Date:	970423
Generator EPA ID:	VAD091222588
Trans1 EPA ID:	NYD982792814
Trans2 EPA ID:	Not reported
TSD ID:	NYD049836679
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	26220
Units:	P - Pounds
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A6
Target
Property

11032 TIDEWATER TRAIL
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

ERNS **99643214**
N/A

Site 6 of 10 in cluster A

Actual:
76 ft.

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

A7
Target
Property

GENERAL MOTORS (GM) FACILITY
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

SPILLS **S106240514**
N/A

Site 7 of 10 in cluster A

Actual:
76 ft.

SPILLS NO:
Region: NO
Id: Not reported
Incident Summary: Not reported
Date In: 5/8/2002
Date Closed: 5/15/2002
Pollution Type: Not reported
Responsible Party: Brookwood TH
Facility Status: Not reported
Owner: Not reported
Facility Contact: Susan Hauser
Facility Permitted: 0
Facility Telephone: 5408905031
Time In: 11:45:00 AM
Reported By Name: John Takle
Reported By Telephone: 2486805891
Reported By Affiliation/Addr: Troy
Incident Response IR #: 2002-N-0779
Responsible Party Name: BNC Builders
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: 0
Solid Waste: 0
Hazardous Waste: 0
Water: -1
Air: 0
Sewage: 0
Fish Kill: 0
Threat Wetlands: 0
Wetlands: 0
Material Released: Storm water
Possible Receptors: Not reported
Quantity Released: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS (GM) FACILITY (Continued)

S106240514

Unit Released:	Not reported
Quantity In Water:	0
Receiving Waters:	Not reported
River Basin:	Not reported
Inspection Date:	5/9/2002
Call Date:	Not reported
Inspector:	PZG
Response Due:	Not reported
Response Received Date:	Not reported
Visit Needed:	0
Open:	0
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:	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:	Reported develop. Had installed a discharge pipe under/through a chain link fence belonging to and on the GM property. The pipe is dischargin water on the GM property, is black and sheen. Spoke w/Mary Shaffin Spots Co. Environ. Affairs, and she is coming out to look this afternoon. Concerned about discharge and site security, want to repair fence asap. They have taken samples

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS (GM) FACILITY (Continued)

S106240514

Inspection Cmmt: of the discharge and will have photos before the fence is repaired.
Melvin Bennet - spots. Construction inspector #582-7015 ext. 623. 5/15 locals
issued NOV; Builders will restore property 5/16/02.
Reported: Not reported
Results: Not reported

A8
Target
Property

GENERAL MOTORS POWERTRAIN
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA

SPILLS S106241214
N/A

Site 8 of 10 in cluster A

Actual:
76 ft.

SPILLS NO:
Region: NO
Id: Not reported
Incident Summary: Not reported
Date In: 2/10/2004
Date Closed: 6/19/2006
Pollution Type: Not reported
Responsible Party: Not reported
Facility Status: Not reported
Owner: Not reported
Facility Contact: Not reported
Facility Permitted: 0
Facility Telephone: Not reported
Time In: 9:24:00 AM
Reported By Name: James Muriithi
Reported By Telephone: 5408995031
Reported By Affiliation/Addr: General Motors
Incident Response IR #: 2004-N-0680
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: 2/9/2004
Incident Time: 10:10:00 PM
Petroleum: -1
Solid Waste: 0
Hazardous Waste: 0
Water: 0
Air: 0
Sewage: 0
Fish Kill: 0
Threat Wetlands: 0
Wetlands: 0
Material Released: oily wastewater
Possible Receptors: Not reported
Quantity Released: 100
Unit Released: gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS POWERTRAIN (Continued)

S106241214

Quantity In Water:	0
Receiving Waters:	Not reported
River Basin:	Not reported
Inspection Date:	Not reported
Call Date:	Not reported
Inspector:	Not reported
Response Due:	Not reported
Response Received Date:	Not reported
Visit Needed:	0
Open:	0
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:	VAR530140
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
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:	Equipment failure of sump pump caused release of materials into storm drain which is contained on the facility.oily waste sump reelased material due to failure of sump. Spill onto onsite catch basin
Inspection Cmnt:	Cleanup contractor from Rapphannock had been hired. 4/7/06 rcvd copy of epa response
Reported:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS POWERTRAIN (Continued)

S106241214

Results: Not reported

Region: NO
Id: Not reported
Incident Summary: Not reported
Date In: 2/20/2006
Date Closed: 2/20/2006
Pollution Type: Not reported
Responsible Party: Not reported
Facility Status: Not reported
Owner: Not reported
Facility Contact: Lawrence Hool
Facility Permitted: 0
Facility Telephone: 5408995031
Time In: 9:32:00 AM
Reported By Name: Lawrence Hollis
Reported By Telephone: 5408995031
Reported By Affiliation/Addr: General Motors
Incident Response IR #: 2006-N-0648
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: 2/20/2006
Incident Time: 1:55:00 PM
Petroleum: -1
Solid Waste: 0
Hazardous Waste: 0
Water: 0
Air: 0
Sewage: 0
Fish Kill: 0
Threat Wetlands: 0
Wetlands: 0
Material Released: oil
Possible Receptors: Not reported
Quantity Released: 100
Unit Released: gallons
Quantity In Water: Not reported
Receiving Waters: Not reported
River Basin: Not reported
Inspection Date: Not reported
Call Date: Not reported
Inspector: Not reported
Response Due: Not reported
Response Received Date: 2/27/2006
Visit Needed: 0
Open: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS POWERTRAIN (Continued)

S106241214

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:	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:	Equipment failure of sump pump caused release of materials into storm drain which is contained on the facility.oily waste sump reeleased material due to failure of sump. Spill onto onsite catch basin
Inspection Cmnt:	Cleanup contractor from Rapphannock had been hired. 4/7/06 rcvd copy of epa response
Reported:	Not reported
Results:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A9
Target
Property

GENERAL MOTORS POWERTRAIN
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

FINDS **1011906989**
N/A

Site 9 of 10 in cluster A

Actual:
76 ft.

FINDS:

Registry ID: 110037244247

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

A10
Target
Property

11032 TIDEWATER TRAIL
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

ERNS **2006788618**
N/A

Site 10 of 10 in cluster A

Actual:
76 ft.

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

11
ESE
< 1/8
0.006 mi.
32 ft.

FREDERICKSBURG COUNTRY CLUB
11031 TIDEWATER TRL
FREDERICKSBURG, VA 22408

UST **U004107136**
N/A

Relative:
Lower

UST:

Facility:

Facility Id: 3040432
CEDS Facility ID: 200000846369
Facility Type: OTHER

Actual:
72 ft.

UST:

Facility Id: 3040432
Owner Id: 43804
Owner Name: Fredericksburg Country Club
Owner Address: 11031 Tidewater Trl
Owner Address2: Not reported
Owner City, State, Zip: Fredericksburg, VA 22408
UST Status: Reg
AST Status: N/A

Federally Regulated: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG COUNTRY CLUB (Continued)

U004107136

Tank Number: R1
Tank Capacity: 550
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

B12
NW
< 1/8
0.109 mi.
577 ft.

FREDERICKSBURG PETROLEUM SERVICE
11324 TIDEWATER TRL
FREDERICKSBURG, VA 22404

UST **U003681635**
AST **N/A**

Site 1 of 3 in cluster B

Relative:
Lower

UST:

Facility:

Actual:
72 ft.

Facility Id: 3022016
CEDS Facility ID: 200000078085
Facility Type: PETROLEUM DISTRIBUTOR

UST:

Facility Id: 3022016
Owner Id: 30818
Owner Name: Southern States Fredericksburg Petroleum Svc
Owner Address: 11324 Tidewater Trl
Owner Address2: Not reported
Owner City, State, Zip: Fredericksburg, VA 22408
UST Status: N/A
AST Status: Reg

Facility Id: 3022016
Owner Id: 31506
Owner Name: Southern States Cooperative Inc
Owner Address: 6606 W Broad St
Owner Address2: Not reported
Owner City, State, Zip: Richmond, VA 23260
UST Status: Not reported
AST Status: Not reported

Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 20000
Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:

Tank Type: UST
Fac Id: 3022016
Own Id: 31506
Tank Number: 1
Install Date: 01-Nov-1992
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	Y
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	1
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	1
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 2
Tank Capacity: 20000
Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3022016
Own Id: 31506
Tank Number: 2
Install Date: 01-Nov-1992
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket Y
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3022016
Own Id: 31506
Tank Number: 2
Install Date: 01-Nov-1992
Tank Status: CURR IN USE
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge Y
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install Y
Tank Release Detection: Overfill Install Y
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled Y
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:	
Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	2
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	3
Tank Capacity:	20000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:	
Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	3
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	Y
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Release:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	3
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	3
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	4
Tank Capacity:	20000
Tank Contents:	HEATING OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Tank Status:	CURR IN USE
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	4
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	Y
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported
Release:	
Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	4
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Pipe Material:
Tank Type: UST
Fac Id: 3022016
Own Id: 31506
Tank Number: 4
Install Date: 01-Nov-1992
Tank Status: CURR IN USE
Pipe Type: PRESSURE
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel N
Pipe Materials: Copper N
Pipe Materials: Fiberglass Y
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment Y
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 5
Tank Capacity: 20000
Tank Contents: HEATING OIL
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3022016
Own Id: 31506
Tank Number: 5
Install Date: 01-Nov-1992
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket Y
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3022016
Own Id: 31506
Tank Number: 5
Install Date: 01-Nov-1992
Tank Status: CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	5
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	6
Tank Capacity:	20000
Tank Contents:	KEROSENE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	Y
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	6
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	Y
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3022016
Own Id:	31506
Tank Number:	6
Install Date:	01-Nov-1992
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	Y
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

AST:

Facility ID:	3022016
Tank Number:	1
Fed Regulated:	No
Tank Capacity:	1000
Tank Contents:	OTHER
Tank Status:	CURR IN USE
Tank Type:	AST

CEDS Facility ID:	200000078085
Facility Address 2:	Not reported
Facility Type:	PETROLEUM DISTRIBUTOR

AST:

Facility Id:	3022016
Owner Id:	30818
Owner Name:	Southern States Fredericksburg Petroleum Svc
Owner Address:	11324 Tidewater Trl
Owner Address2:	Not reported
Owner City:	Fredericksburg
Owner State:	VA
Owner Zip:	22408
Ust Status:	N/A
Ast Status:	Reg

Facility Id:	3022016
Owner Id:	31506
Owner Name:	Southern States Cooperative Inc
Owner Address:	6606 W Broad St
Owner Address2:	Not reported
Owner City:	Richmond
Owner State:	VA
Owner Zip:	23260
Ust Status:	Not reported
Ast Status:	Not reported

Tank Containment:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	1
Install Date:	09-Jan-1993
Tank Status:	CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Containment: Curbing	N
Containment: Weirs	N
Containment: Sorbent	N
Containment: Culvert	N
Containment: Diversion	N
Containment: Retention	N
Containment: Dike	Y
Containment: Unknown	N
Containment: Other	N
Containment: Other Note	Not reported
Release Detection: Ground Water	N
Release Detection: Visual	Y
Release Detection: Vapor	N
Release Detection: Interstitial	N
Release Detection: None	N
Release Detection: Other	N
Release Detection: Other Note	Not reported
Release Prevention: Double Bottom	N
Release Prevention: Double Walled	N
Release Prevention: Lined Interior	N
Release Prevention: Poly Jacket	N
Release Prevention: Exc Liner	N
Release Prevention: None	Y
Release Prevention: Unknown	N
Release Prevention: Other	N
Release Prevention: Other Note	Not reported

Tank Foundation:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	1
Install Date:	09-Jan-1993
Tank Status:	CURR IN USE
Tank Foundation: Steel	Y
Tank Foundation: Earthen	N
Tank Foundation: Concrete Imp	N
Tank Foundation: Unknown	N
Tank Foundation: Other	N
Tank Foundation: Other Note	Not reported
Tank Roof: Float	N
Tank Roof: Cone	N
Tank Roof: Breather	N
Tank Roof: Dbldck	N
Tank Roof: Pontoon	N
Tank Roof: Balloon	N
Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	N
Tank Roof: Other Note	Not reported

Tank Material:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Install Date: 09-Jan-1993
Tank Status: CURR IN USE
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Epoxy Coated Interior N
Tank Materials: Epoxy Coated Exterior N
Tank Materials: Double Walled N
Tank Materials: Double Bottomed N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Facility ID: 3022016
Tank Number: 2
Fed Regulated: No
Tank Capacity: 1000
Tank Contents: OTHER
Tank Status: CURR IN USE
Tank Type: AST

Tank Containment:
Tank Type: AST
Fac Id: 3022016
Own Id: 30818
Tank Number: 2
Install Date: 09-Jan-1993
Tank Status: CURR IN USE
Containment: Curbing N
Containment: Weirs N
Containment: Sorbent N
Containment: Culvert N
Containment: Diversion N
Containment: Retention N
Containment: Dike Y
Containment: Unknown N
Containment: Other N
Containment: Other Note Not reported
Release Detection: Ground Water N
Release Detection: Visual Y
Release Detection: Vapor N
Release Detection: Interstitial N
Release Detection: None N
Release Detection: Other N
Release Detection: Other Note Not reported
Release Prevention: Double Bottom N
Release Prevention: Double Walled N
Release Prevention: Lined Interior N
Release Prevention: Poly Jacket N
Release Prevention: Exc Liner N
Release Prevention: None Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Release Prevention: Unknown N
Release Prevention: Other N
Release Prevention: Other Note Not reported

Tank Foundation:

Tank Type: AST
Fac Id: 3022016
Own Id: 30818
Tank Number: 2
Install Date: 09-Jan-1993
Tank Status: CURR IN USE
Tank Foundation: Steel Y
Tank Foundation: Earthen N
Tank Foundation: Concrete Imp N
Tank Foundation: Unknown N
Tank Foundation: Other N
Tank Foundation: Other Note Not reported
Tank Roof: Float N
Tank Roof: Cone N
Tank Roof: Breather N
Tank Roof: Dbldck N
Tank Roof: Pontoon N
Tank Roof: Balloon N
Tank Roof: Lifter N
Tank Roof: Pan N
Tank Roof: Other N
Tank Roof: Other Note Not reported

Tank Material:

Tank Type: AST
Fac Id: 3022016
Own Id: 30818
Tank Number: 2
Install Date: 09-Jan-1993
Tank Status: CURR IN USE
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Epoxy Coated Interior N
Tank Materials: Epoxy Coated Exterior N
Tank Materials: Double Walled N
Tank Materials: Double Bottomed N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Facility ID: 3022016
Tank Number: 3
Fed Regulated: No
Tank Capacity: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Tank Contents: OTHER
Tank Status: CURR IN USE
Tank Type: AST

Tank Containment:

Tank Type: AST
Fac Id: 3022016
Own Id: 30818
Tank Number: 3
Install Date: 09-Jan-1993
Tank Status: CURR IN USE
Containment: Curbing N
Containment: Weirs N
Containment: Sorbent N
Containment: Culvert N
Containment: Diversion N
Containment: Retention N
Containment: Dike Y
Containment: Unknown N
Containment: Other N
Containment: Other Note Not reported
Release Detection: Ground Water N
Release Detection: Visual Y
Release Detection: Vapor N
Release Detection: Interstitial N
Release Detection: None N
Release Detection: Other N
Release Detection: Other Note Not reported
Release Prevention: Double Bottom N
Release Prevention: Double Walled N
Release Prevention: Lined Interior N
Release Prevention: Poly Jacket N
Release Prevention: Exc Liner N
Release Prevention: None Y
Release Prevention: Unknown N
Release Prevention: Other N
Release Prevention: Other Note Not reported

Tank Foundation:

Tank Type: AST
Fac Id: 3022016
Own Id: 30818
Tank Number: 3
Install Date: 09-Jan-1993
Tank Status: CURR IN USE
Tank Foundation: Steel Y
Tank Foundation: Earthen N
Tank Foundation: Concrete Imp N
Tank Foundation: Unknown N
Tank Foundation: Other N
Tank Foundation: Other Note Not reported
Tank Roof: Float N
Tank Roof: Cone N
Tank Roof: Breather N
Tank Roof: Dbldck N
Tank Roof: Pontoon N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Tank Roof: Balloon	N
Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	N
Tank Roof: Other Note	Not reported

Tank Material:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	3
Install Date:	09-Jan-1993
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Epoxy Coated Interior	N
Tank Materials: Epoxy Coated Exterior	N
Tank Materials: Double Walled	N
Tank Materials: Double Bottomed	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Facility ID:	3022016
Tank Number:	5
Fed Regulated:	No
Tank Capacity:	4000
Tank Contents:	DIESEL
Tank Status:	CURR IN USE
Tank Type:	AST

Tank Containment:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	5
Install Date:	15-Jun-1994
Tank Status:	CURR IN USE
Containment: Curbing	N
Containment: Weirs	N
Containment: Sorbent	N
Containment: Culvert	N
Containment: Diversion	N
Containment: Retention	N
Containment: Dike	Y
Containment: Unknown	N
Containment: Other	N
Containment: Other Note	Not reported
Release Detection: Ground Water	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Release Detection: Visual	Y
Release Detection: Vapor	N
Release Detection: Interstitial	N
Release Detection: None	N
Release Detection: Other	N
Release Detection: Other Note	Not reported
Release Prevention: Double Bottom	N
Release Prevention: Double Walled	N
Release Prevention: Lined Interior	N
Release Prevention: Poly Jacket	N
Release Prevention: Exc Liner	N
Release Prevention: None	Y
Release Prevention: Unknown	N
Release Prevention: Other	Y
Release Prevention: Other Note	SECONDARY CONTAINMENT

Tank Foundation:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	5
Install Date:	15-Jun-1994
Tank Status:	CURR IN USE
Tank Foundation: Steel	Y
Tank Foundation: Earthen	N
Tank Foundation: Concrete Imp	N
Tank Foundation: Unknown	N
Tank Foundation: Other	N
Tank Foundation: Other Note	Not reported
Tank Roof: Float	N
Tank Roof: Cone	N
Tank Roof: Breather	N
Tank Roof: Dbldeck	N
Tank Roof: Pontoon	N
Tank Roof: Balloon	N
Tank Roof: Lifter	N
Tank Roof: Pan	N
Tank Roof: Other	N
Tank Roof: Other Note	Not reported

Tank Material:

Tank Type:	AST
Fac Id:	3022016
Own Id:	30818
Tank Number:	5
Install Date:	15-Jun-1994
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Epoxy Coated Interior	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREDERICKSBURG PETROLEUM SERVICE (Continued)

U003681635

Tank Materials: Epoxy Coated Exterior N
Tank Materials: Double Walled N
Tank Materials: Double Bottomed N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

B13
NW
< 1/8
0.122 mi.
644 ft.

GREENLINE SERVICE CORPORATION
11417 TIDEWATER TRL
FREDERICKSBURG, VA 22408

UST U003678822
N/A

Site 2 of 3 in cluster B

Relative:
Lower

UST:

Facility:

Actual:
72 ft.

Facility Id: 3003964
CEDS Facility ID: 200000077821
Facility Type: GAS STATION

UST:

Facility Id: 3003964
Owner Id: 31764
Owner Name: Greenline Service Corporation
Owner Address: PO Box 7208
Owner Address2: Not reported
Owner City, State, Zip: Fredericksburg, VA 22408
UST Status: Not reported
AST Status: Not reported

Federally Regulated: Yes

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

Tank Material:

Tank Type: UST
Fac Id: 3003964
Own Id: 31764
Tank Number: 1
Install Date: 18-Apr-1980
Tank Status: REM FROM GRD
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Tank Materials: Other Note Not reported

Release:

Tank Type: UST
Fac Id: 3003964
Own Id: 31764
Tank Number: 1
Install Date: 18-Apr-1980
Tank Status: REM FROM GRD
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge N
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install N
Tank Release Detection: Overfill Install N
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled N
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak N
Pipe Release Detection: Line Tightness N
Pipe Release Detection: Stat Invent Recon N
Pipe Release Detection: Groundwater N
Pipe Release Det: Int Secondary Containment N
Pipe Release Det: Interior Double Walled N
Pipe Release Detection: Other Method N
Pipe Release Detection: Other Note Not reported

Pipe Material:

Tank Type: UST
Fac Id: 3003964
Own Id: 31764
Tank Number: 1
Install Date: 18-Apr-1980
Tank Status: REM FROM GRD
Pipe Type: UNKNOWN
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel Y
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Tank Capacity:	5000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	2
Install Date:	18-Apr-1980
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:	
Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	2
Install Date:	18-Apr-1980
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Pipe Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	2
Install Date:	18-Apr-1980
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	3
Tank Capacity:	5000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	3
Install Date:	18-Apr-1980
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	3
Install Date:	18-Apr-1980
Tank Status:	REM FROM GRD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	3
Install Date:	18-Apr-1980
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	4
Tank Capacity:	500
Tank Contents:	KEROSENE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	4
Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	4
Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel Y
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 5
Tank Capacity: 500
Tank Contents: DIESEL
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3003964
Own Id: 31764
Tank Number: 5
Install Date: 18-Apr-1968
Tank Status: REM FROM GRD
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3003964
Own Id: 31764
Tank Number: 5
Install Date: 18-Apr-1968
Tank Status: REM FROM GRD
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge N
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	5
Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	6
Tank Capacity:	1000
Tank Contents:	USED OIL
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	6
Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	6
Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3003964
Own Id:	31764
Tank Number:	6
Install Date:	18-Apr-1968
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENLINE SERVICE CORPORATION (Continued)

U003678822

Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

B14
NW
1/8-1/4
0.134 mi.
708 ft.
ORRS FOOD MARKET
11505 TIDEWATER TRL
FREDERICKSBURG, VA 22401
Site 3 of 3 in cluster B

UST **U003680473**
N/A

Relative:
Lower

UST:

Facility:

Actual:
72 ft.

Facility Id: 3013839
CEDS Facility ID: 200000075810
Facility Type: GAS STATION

UST:

Facility Id: 3013839
Owner Id: 32769
Owner Name: ESTATE OF MARY KAY ORR
Owner Address: 106 CATER ST
Owner Address2: Not reported
Owner City, State, Zip: FREDERICKSBURG, VA 22405
UST Status: Not reported
AST Status: Not reported

Federally Regulated: Yes

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

Tank Material:

Tank Type: UST
Fac Id: 3013839
Own Id: 32769
Tank Number: R1
Install Date: 05-May-1966
Tank Status: REM FROM GRD
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORRS FOOD MARKET (Continued)

U003680473

Release:

Tank Type:	UST
Fac Id:	3013839
Own Id:	32769
Tank Number:	R1
Install Date:	05-May-1966
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3013839
Own Id:	32769
Tank Number:	R1
Install Date:	05-May-1966
Tank Status:	REM FROM GRD
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R2
Tank Capacity:	2000
Tank Contents:	GASOLINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORRS FOOD MARKET (Continued)

U003680473

Tank Status:	REM FROM GRD
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3013839
Own Id:	32769
Tank Number:	R2
Install Date:	05-May-1966
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported
Release:	
Tank Type:	UST
Fac Id:	3013839
Own Id:	32769
Tank Number:	R2
Install Date:	05-May-1966
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORRS FOOD MARKET (Continued)

U003680473

Pipe Material:
Tank Type: UST
Fac Id: 3013839
Own Id: 32769
Tank Number: R2
Install Date: 05-May-1966
Tank Status: REM FROM GRD
Pipe Type: VALVE: SUCTION
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel Y
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

**C15
NW
1/8-1/4
0.136 mi.
718 ft.**

**FAS MART #28
11517 TIDEWATER TRL
FREDERICKSBURG, VA 22408**

**UST U003681327
N/A**

Site 1 of 2 in cluster C

**Relative:
Lower**

UST:
Facility:
Facility Id: 3019960
CEDS Facility ID: 200000078267
Facility Type: GAS STATION

**Actual:
72 ft.**

UST:
Facility Id: 3019960
Owner Id: 41232
Owner Name: GPM4 LLC
Owner Address: 8565 Magellan Pkwy Ste 400
Owner Address2: Not reported
Owner City, State, Zip: Richmond, VA 23237
UST Status: Reg
AST Status: N/A

Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 10000
Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3019960
Own Id: 41232
Tank Number: 1
Install Date: 20-Oct-1986
Tank Status: CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAS MART #28 (Continued)

U003681327

Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	stiP-3

Release:

Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	1
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	1
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAS MART #28 (Continued)

U003681327

Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

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

Tank Material:	
Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	2
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	stiP-3

Release:	
Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	2
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAS MART #28 (Continued)

U003681327

Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	2
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

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

Tank Material:

Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	3
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAS MART #28 (Continued)

U003681327

Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	stiP-3

Release:

Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	3
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3019960
Own Id:	41232
Tank Number:	3
Install Date:	20-Oct-1986
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAS MART #28 (Continued)

U003681327

Pipe Materials: Other Note Not reported

Tank Number: 4
Tank Capacity: 6000
Tank Contents: KEROSENE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3019960
Own Id: 41232
Tank Number: 4
Install Date: 20-Oct-1986
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note stiP-3

Release:
Tank Type: UST
Fac Id: 3019960
Own Id: 41232
Tank Number: 4
Install Date: 20-Oct-1986
Tank Status: CURR IN USE
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge Y
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install Y
Tank Release Detection: Overfill Install Y
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled N
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Y
Pipe Release Detection: Line Tightness Y
Pipe Release Detection: Stat Invent Recon N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAS MART #28 (Continued)

U003681327

Pipe Release Detection: Groundwater N
Pipe Release Det: Int Secondary Containment N
Pipe Release Det: Interior Double Walled N
Pipe Release Detection: Other Method N
Pipe Release Detection: Other Note Not reported

Pipe Material:
Tank Type: UST
Fac Id: 3019960
Own Id: 41232
Tank Number: 4
Install Date: 20-Oct-1986
Tank Status: CURR IN USE
Pipe Type: PRESSURE
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel N
Pipe Materials: Copper N
Pipe Materials: Fiberglass Y
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

C16
NW
1/8-1/4
0.136 mi.
718 ft.

FAS MART 28
11517 TIDEWATER TRL
FREDERICKSBURG, VA 22408

LTANKS **S105462756**
N/A

Site 2 of 2 in cluster C

Relative: LTANKS:
Lower CEDS Facility Id: 200000078267
Case Status: **Closed**
Actual: Pollution Complaint #: 19880884
72 ft. Reported: 25-Apr-1988

D17
NW
1/8-1/4
0.188 mi.
995 ft.

ANDYS STORE INCORPORATED
11901 TIDEWATER TRL
FREDERICKSBURG, VA 22408

UST **U003681663**
N/A

Site 1 of 3 in cluster D

Relative: UST:
Lower Facility:
Facility Id: 3022178
CEDS Facility ID: 200000073642
Facility Type: COMMERCIAL
UST:
Facility Id: 3022178
Owner Id: 34305
Owner Name: ANDYS STORES; INC
Owner Address: P.O. BOX 300

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Owner Address2: SPOTSYLVANIA
Owner City, State, Zip: FREDERICKSBURG, VA 22404
UST Status: Not reported
AST Status: Not reported

Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 8000
Tank Contents: GASOLINE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 1
Install Date: 21-Sep-1987
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 1
Install Date: 21-Sep-1987
Tank Status: CURR IN USE
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge N
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install N
Tank Release Detection: Overfill Install N
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled N
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	1
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	2
Tank Capacity:	8000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	2
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Tank Materials: Other Note Not reported

Release:

Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 2
Install Date: 21-Sep-1987
Tank Status: CURR IN USE
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge N
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install N
Tank Release Detection: Overfill Install N
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled N
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak N
Pipe Release Detection: Line Tightness N
Pipe Release Detection: Stat Invent Recon N
Pipe Release Detection: Groundwater N
Pipe Release Det: Int Secondary Containment N
Pipe Release Det: Interior Double Walled N
Pipe Release Detection: Other Method N
Pipe Release Detection: Other Note Not reported

Pipe Material:

Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 2
Install Date: 21-Sep-1987
Tank Status: CURR IN USE
Pipe Type: UNKNOWN
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel N
Pipe Materials: Copper N
Pipe Materials: Fiberglass Y
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Tank Capacity:	8000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	3
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:	
Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	3
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Pipe Material:
Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 3
Install Date: 21-Sep-1987
Tank Status: CURR IN USE
Pipe Type: UNKNOWN
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel N
Pipe Materials: Copper N
Pipe Materials: Fiberglass Y
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 4
Tank Capacity: 4000
Tank Contents: DIESEL
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 4
Install Date: 21-Sep-1987
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3022178
Own Id: 34305
Tank Number: 4
Install Date: 21-Sep-1987
Tank Status: CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	4
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	5
Tank Capacity:	2000
Tank Contents:	KEROSENE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:	
Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	5
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:	
Tank Type:	UST
Fac Id:	3022178
Own Id:	34305
Tank Number:	5
Install Date:	21-Sep-1987
Tank Status:	CURR IN USE
Pipe Type:	UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANDYS STORE INCORPORATED (Continued)

U003681663

Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	Y
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

D18
NW
1/8-1/4
0.190 mi.
1005 ft.

Q-CARD #2
11913 TIDEWATER TRL
FREDERICKSBURG, VA 22401

UST **U003679524**
N/A

Site 2 of 3 in cluster D

Relative:
Lower

UST:

Facility:

Actual:
71 ft.

Facility Id:	3007980
CEDS Facility ID:	200000075413
Facility Type:	GAS STATION

UST:

Facility Id:	3007980
Owner Id:	38058
Owner Name:	Quarles Petroleum Incorporated
Owner Address:	1701 Fall Hill Ave Ste 200
Owner Address2:	Not reported
Owner City, State, Zip:	Fredericksburg, VA 22401
UST Status:	Not reported
AST Status:	Not reported

Facility Id:	3007980
Owner Id:	30818
Owner Name:	Southern States Fredericksburg Petroleum Svc
Owner Address:	11324 Tidewater Trl
Owner Address2:	Not reported
Owner City, State, Zip:	Fredericksburg, VA 22408
UST Status:	Not reported
AST Status:	Not reported

Federally Regulated:	Yes
----------------------	-----

Tank Number:	1
Tank Capacity:	10000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	1
Install Date:	01-Jan-1973

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	Y
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Impressed current system and lined in Aug. 1997, Koozer.

Release:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	1
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	1
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	Y
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

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

Tank Material:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	2
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	Y
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Impressed current system and lined in Aug. 1997, Koozer.

Release:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	2
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	2
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	Y
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

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

Tank Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	3
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	Y
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Materials: Lined Interior	Y
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Impressed current system and lined in Aug. 1997, Koozer.

Release:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	3
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	Y
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	Y
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	3
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	Y
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: 4
Tank Capacity: 4000
Tank Contents: DIESEL
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3007980
Own Id: 38058
Tank Number: 4
Install Date: 01-Jan-1973
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel Y
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior Y
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Impressed current system and lined Aug. 1997, Koozer.

Release:
Tank Type: UST
Fac Id: 3007980
Own Id: 38058
Tank Number: 4
Install Date: 01-Jan-1973
Tank Status: CURR IN USE
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge Y
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install Y
Tank Release Detection: Overfill Install Y
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled N
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak Y
Pipe Release Detection: Line Tightness Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	4
Install Date:	01-Jan-1973
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	Y
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R1
Tank Capacity:	550
Tank Contents:	DIESEL
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R1
Install Date:	18-Mar-1981
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Release:

Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R1
Install Date:	18-Mar-1981
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R1
Install Date:	18-Mar-1981
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R2
Tank Capacity:	280
Tank Contents:	KEROSENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Status:	REM FROM GRD
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R2
Install Date:	18-Mar-1976
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported
Release:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R2
Install Date:	18-Mar-1976
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Material:
Tank Type: UST
Fac Id: 3007980
Own Id: 30818
Tank Number: R2
Install Date: 18-Mar-1976
Tank Status: REM FROM GRD
Pipe Type: NO VALVE: SUCTION
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel Y
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: R3
Tank Capacity: 550
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3007980
Own Id: 30818
Tank Number: R3
Install Date: 18-Mar-1976
Tank Status: REM FROM GRD
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3007980
Own Id: 30818
Tank Number: R3
Install Date: 18-Mar-1976
Tank Status: REM FROM GRD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R3
Install Date:	18-Mar-1976
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R4
Tank Capacity:	550
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Install Date:	18-Mar-1976
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R4
Install Date:	18-Mar-1976
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	30818
Tank Number:	R4
Install Date:	18-Mar-1976
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R5
Tank Capacity:	3000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	R5
Install Date:	31-Dec-1950
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:	
Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	R5
Install Date:	31-Dec-1950
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	R5
Install Date:	31-Dec-1950
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

Tank Number:	R6
Tank Capacity:	3000
Tank Contents:	GASOLINE
Tank Status:	REM FROM GRD
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	R6
Install Date:	31-Dec-1950
Tank Status:	REM FROM GRD
Tank Materials: Bare Steel	Y
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	N
Tank Materials: Other Note	Not reported

Release:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	R6
Install Date:	31-Dec-1950
Tank Status:	REM FROM GRD
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	3007980
Own Id:	38058
Tank Number:	R6
Install Date:	31-Dec-1950
Tank Status:	REM FROM GRD
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	Y
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

Tank Number: R7
Tank Capacity: 3000
Tank Contents: GASOLINE
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 3007980
Own Id: 38058
Tank Number: R7
Install Date: 31-Dec-1950
Tank Status: REM FROM GRD
Tank Materials: Bare Steel Y
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:
Tank Type: UST
Fac Id: 3007980
Own Id: 38058
Tank Number: R7
Install Date: 31-Dec-1950
Tank Status: REM FROM GRD
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge N
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon N
Tank Release Detection: Spill Install N
Tank Release Detection: Overfill Install N
Tank Release Detection: Groundwater N
Tank Release Det: Int Secondary Containment N
Tank Release Detection: Int Double Walled N
Tank Release Detection: Other Method N
Tank Release Detection: Other Note Not reported
Pipe Release Detection: Leak Deferred Not reported
Pipe Release Detection: Autoleak N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q-CARD #2 (Continued)

U003679524

Pipe Release Detection: Line Tightness N
Pipe Release Detection: Stat Invent Recon N
Pipe Release Detection: Groundwater N
Pipe Release Det: Int Secondary Containment N
Pipe Release Det: Interior Double Walled N
Pipe Release Detection: Other Method N
Pipe Release Detection: Other Note Not reported

Pipe Material:

Tank Type: UST
Fac Id: 3007980
Own Id: 38058
Tank Number: R7
Install Date: 31-Dec-1950
Tank Status: REM FROM GRD
Pipe Type: NO VALVE: SUCTION
Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel Y
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other N
Pipe Materials: Other Note Not reported

D19
NW
1/8-1/4
0.190 mi.
1005 ft.

QUARLES - Q CARD 2
11913 TIDEWATER TRL
FREDERICKSBURG, VA 22401

LTANKS **S105095216**
N/A

Site 3 of 3 in cluster D

Relative:
Lower

LTANKS:
CEDS Facility Id: 200000075413
Case Status: Closed
Pollution Complaint #: 20013139
Reported: 22-Jan-2001

Actual:
71 ft.

20
NNE
1/8-1/4
0.222 mi.
1173 ft.

MASSAPANOX S + G
SPOTSYLVANIA (County), VA

MINES **1011236880**
N/A

Relative:
Lower

MINES:
Mine ID: 4403997
SIC code(s): 14410 00000 00000 00000 00000 00000
Entity name: PIT NO 4
Company: MASSAPANOX S + G
State FIPS code: 51
County FIPS code: 177
Status: 4
Status date: 19791204

Actual:
25 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MASSAPANOX S + G (Continued)

1011236880

Operation Class: non-Coal Mining
Number of shops: 0
Number of plants: 0
Latitude: 38 15 51
Longitude: 077 25 59

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREDERICKSBURG	S105982840	PAYNE, ROBERT B. PROPERTY	ROUTE 1		LUST
FREDERICKSBURG	S104407090	VIRGINIA ARMY NATIONAL GUARD	ROUTE 1 / 3		LUST
FREDERICKSBURG	S103457990	ANDERSON OIL (FORMER)	ROUTE 17		LUST
FREDERICKSBURG	S108653493	VA DEPT OF TRANSPORTATION	RTE 17		MANIFEST
FREDERICKSBURG	S106201059	GENERAL PRODUCTS WELL	RTE 2 / RTE 17	22408	LTANKS
FREDERICKSBURG	S105983234	CHESAPEAKE CORPORATION	ROUTE 2 AND ROUTE 17		LUST
FREDERICKSBURG	S104406882	RESIDENT UNKNOWN	ROUTE 2, BOX 552		LUST
FREDERICKSBURG	S106240440	FREDERICKSBURG DESIGN CENTER	ROUTE 3 @ I95		SPILLS
FREDERICKSBURG	S103458941	QUARLES/HENDERSONS GROCERY	ROUTE 3, 661 KINGS HIGHWAY		LUST
FREDERICKSBURG	S105982962	SHELTON WELL	ROUTE 4, BOX 229		LUST
FREDERICKSBURG	S103772564	VDOT - CHANCELLOR AREA HEADQUARTER	ROUTE 760		LUST
FREDERICKSBURG	S103771826	HALE PRODUCTS	AIRPORT ROAD		LUST, SPILLS
FREDERICKSBURG	S108327207	APAC FREDERICKSBURG ASPHALT PLANT	BELMAN ROAD		SPILLS
FREDERICKSBURG	S108426859	FREDERICKSBURG WWTP	BEULAH SALISBURY RD		SPILLS
FREDERICKSBURG	S106241072	FREDERICKSBURG WWTP	700 BEULAH SALISBURY ROAD		SPILLS
FREDERICKSBURG	S106241017	CITY OF FREDERICKSBURG WWTP	700 BEULAH SALISBURY RD.		SPILLS
FREDERICKSBURG	S108327308	FREDERICKSBURG WWTF	700 BEULAH SALISBURY RD		SPILLS
FREDERICKSBURG	S104957222	QUARLES TERMINAL - FREDERICKSBURG	3300 BEULAH-SALISBURY DRIVE	22408	LUST
FREDERICKSBURG	S108930278	FREDERICKSBURG CONCRETE	BILLY DAYS ROAD	22408	SPILLS
FREDERICKSBURG	S108926022	I-95 SB REST AREA FREDERICKSBURG	FALL HILL AVE OVER PASS @ I-95		SPILLS
FREDERICKSBURG	S109602153	FREDERICKSBURG CITY DOCK	FREDERICKSBURG CITY DOCK		SPILLS
FREDERICKSBURG	S108326733	CITY OF FREDERICKSBURG	FREDERICKSBURG STP-36" TRUNK L		SPILLS
FREDERICKSBURG	S102381426	C & P TELEPHONE	HOUSER DRIVE		LUST, SPILLS
FREDERICKSBURG	S108326700	FREDERICKSBURG MOTOR CARS	442 JEFF DAVIS HWY		SPILLS
FREDERICKSBURG	1000582294	MERCHANTS TIRE & AUTO 06013	5041 JEFF DAVIS HWY	22408	FINDS, RCRA-NonGen
FREDERICKSBURG	1000706676	BRITT BILL MAZDA	5208 JEFF DAVIS HWY	22408	RCRA-SQG, FINDS
FREDERICKSBURG	S106240074	FREDERICKSBURG AMORY	MOTOR POOL AREA		SPILLS
FREDERICKSBURG	S108929520	SERVICETOWN FREDERICKSBURG	OFF ROUTE 17 AT INTERSECTION O		SPILLS
FREDERICKSBURG	S108930147	FREDERICKSBURG SUBSTATION	POWAHTAN ST		SPILLS
FREDERICKSBURG	S108576377	FREDERICKSBURG AUTO AUCTION	STANSTEAD DRIVE		SPILLS
FREDERICKSBURG	S108929903	FREDERICKSBURG COUNTY CLUB	TIDEWATER TRAIL (RTE 2 / B17)	22408	SPILLS
FREDERICKSBURG	S106243275	11304 TRISLER RD., FREDERICKSBURG	11304 TRISLER RD.		SPILLS
SPOTSYLVANIA	S103459887	RITE AID (PROPOSED)	5229 JEFFERSON DAVIS HIGHWAY	22408	LUST
SPOTSYLVANIA	S105983292	TEXACO #23-508-0029	5310 JEFFERSON DAVIS HIGHWAY	22408	LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/14/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 01/25/2010
	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: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/14/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/14/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

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: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/30/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

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: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/09/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/14/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 07/01/2009	Telephone: 800-424-9346
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/31/2009
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/30/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/07/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/07/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/07/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/07/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 05/15/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 62

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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

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

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

Source: Department of Environmental Quality
Telephone: 804-698-4236
Last EDR Contact: 09/29/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: N/A

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

SWF/LF: Solid Waste Management Facilities

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

Date of Government Version: 09/04/2009
Date Data Arrived at EDR: 09/04/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/24/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 20

Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: No Update Planned

LUST REG SW: Leaking Underground Storage Tank Database

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

Date of Government Version: 08/05/2009
Date Data Arrived at EDR: 08/05/2009
Date Made Active in Reports: 08/21/2009
Number of Days to Update: 16

Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 08/03/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: No Update Planned

LUST REG VA: Leaking Underground Storage Tank List

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

Date of Government Version: 09/16/2009
Date Data Arrived at EDR: 09/16/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 20

Source: Department of Environmental Quality Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: No Update Planned

LUST REG NO: Leaking Underground Storage Tank Tracking Database

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

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

Source: Department of Environmental Quality Northern Regional Office
Telephone: 703-583-3800
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: No Update Planned

LUST REG PD: Leaking Underground Storage Tank Sites

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

Date of Government Version: 09/16/2009
Date Data Arrived at EDR: 09/16/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 20

Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Quarterly

LUST REG SC: Leaking Underground Storage Tanks

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

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

Source: Department of Environmental Quality, South Central Region
Telephone: 434-582-5120
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/07/2009
Date Data Arrived at EDR: 07/10/2009
Date Made Active in Reports: 07/30/2009
Number of Days to Update: 20

Source: Department of Environmental Quality Tidewater Regional Office
Telephone: 757-518-2198
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Quarterly

LTANKS: Leaking Petroleum Storage Tanks

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

Date of Government Version: 09/03/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: Please call the
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 06/08/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/09/2009	Telephone: 415-972-3372
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 104	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

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: 09/03/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/18/2009	Telephone: 804-527-5249
Date Made Active in Reports: 10/06/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks Registered Aboveground Storage Tanks.

Date of Government Version: 09/03/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/18/2009	Telephone: 804-698-4317
Date Made Active in Reports: 10/07/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 08/17/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/24/2009	Source: EPA Region 6
Date Data Arrived at EDR: 08/26/2009	Telephone: 214-665-7591
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/04/2009	Source: EPA Region 9
Date Data Arrived at EDR: 06/04/2009	Telephone: 415-972-3368
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 109	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/21/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/20/2009	Source: EPA Region 10
Date Data Arrived at EDR: 08/21/2009	Telephone: 206-553-2857
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Sites Listing

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

Date of Government Version: 08/04/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/05/2009	Telephone: 804-698-4228
Date Made Active in Reports: 08/21/2009	Last EDR Contact: 10/06/2009
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/18/2010
	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: 08/04/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/05/2009	Telephone: 804-698-4228
Date Made Active in Reports: 08/21/2009	Last EDR Contact: 10/06/2009
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 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: 10/05/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

VRP: Voluntary Remediation Program

The Voluntary Cleanup Program encourages owners of elected contaminated sites to take the initiative and conduct voluntary cleanups that meet state environmental standards.

Date of Government Version: 08/04/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/05/2009	Telephone: 804-698-4228
Date Made Active in Reports: 08/21/2009	Last EDR Contact: 10/06/2009
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Specific Assessments

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2009
Date Data Arrived at EDR: 09/14/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/23/2009
Next Scheduled EDR Contact: 12/21/2009
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

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: 08/26/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/01/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/22/2009	Telephone: 202-307-1000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2009
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 08/18/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2009	Telephone: 202-564-6023
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/16/2009
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 09/08/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 07/16/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/16/2009	Telephone: 202-366-4555
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/05/2009
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS BRL: Prep/Spills Database Listing

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

Date of Government Version: 09/18/2009	Source: DEQ, Blue Ridge Regional Office
Date Data Arrived at EDR: 09/18/2009	Telephone: 434-582-6218
Date Made Active in Reports: 10/06/2009	Last EDR Contact: 09/11/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/14/2009
	Data Release Frequency: Varies

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.

Date of Government Version: 06/01/1996	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/22/1996	Telephone: 804-698-4297
Date Made Active in Reports: 11/21/1996	Last EDR Contact: 09/25/1996
Number of Days to Update: 30	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS VA: PREP Database

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

Date of Government Version: 09/18/2009	Source: Department of Environmental Quality, Valley Regional Office
Date Data Arrived at EDR: 09/23/2009	Telephone: 540-574-7800
Date Made Active in Reports: 10/06/2009	Last EDR Contact: 09/15/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: Quarterly

SPILLS TD: PREP Database

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

Date of Government Version: 09/17/2009	Source: Department of Environmental Quality, Tidewater Region
Date Data Arrived at EDR: 09/23/2009	Telephone: 757-518-2177
Date Made Active in Reports: 10/06/2009	Last EDR Contact: 09/15/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/21/2009
	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: 06/24/2009	Source: Department of Environmental Quality, West Central Region
Date Data Arrived at EDR: 07/01/2009	Telephone: 540-562-6700
Date Made Active in Reports: 07/21/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/21/2009
	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.

Date of Government Version: 08/04/2009	Source: Department of Environmental Quality, Southwest Region
Date Data Arrived at EDR: 08/05/2009	Telephone: 276-676-4839
Date Made Active in Reports: 08/21/2009	Last EDR Contact: 08/03/2009
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/02/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS PD: PREP Database

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

Date of Government Version: 07/29/2009
Date Data Arrived at EDR: 07/30/2009
Date Made Active in Reports: 08/21/2009
Number of Days to Update: 22

Source: Department of Environmental Quality, Piedmont Region
Telephone: 804-527-5020
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Quarterly

SPILLS NO: PREP Database

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

Date of Government Version: 06/24/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 20

Source: Department of Environmental Quality, Northern Region
Telephone: 703-583-3864
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: No Update Planned

Other Ascertainable Records

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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 10/07/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
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: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/30/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 04/24/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 05/19/2009	Telephone: Varies
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/06/2009
Number of Days to Update: 125	Next Scheduled EDR Contact: 01/18/2010
	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: 04/23/2009	Source: EPA
Date Data Arrived at EDR: 04/28/2009	Telephone: 703-416-0223
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 09/22/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/28/2009
	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: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 09/14/2009
Number of Days to Update: 1	Next Scheduled EDR Contact: 12/14/2009
	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: 05/28/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/23/2009	Telephone: 303-231-5959
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 12/21/2009
	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.

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 04/09/2009	Telephone: 202-566-0250
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 09/14/2009
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/14/2009
	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	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/07/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

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

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

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: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 09/29/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 03/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2009	Telephone: 202-564-5088
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/11/2010
	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: 05/27/2009	Source: EPA
Date Data Arrived at EDR: 08/05/2009	Telephone: 202-566-0500
Date Made Active in Reports: 09/29/2009	Last EDR Contact: 08/05/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/02/2009
	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: 07/06/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/13/2009	Telephone: 301-415-7169
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/21/2009
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/28/2009
	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: 07/28/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/28/2009	Telephone: 202-343-9775
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/16/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/23/2009	Source: EPA
Date Data Arrived at EDR: 07/28/2009	Telephone: (215) 814-5000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/28/2009
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Biennially

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 09/29/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

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

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

CEDS: Comprehensive Environmental Data System

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

Date of Government Version: 09/21/2009
Date Data Arrived at EDR: 09/22/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 09/18/2009
Date Data Arrived at EDR: 09/21/2009
Date Made Active in Reports: 10/06/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Varies

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: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 06/29/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2009	Telephone: 615-532-8599
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/08/2009
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/09/2009
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/08/2009
Number of Days to Update: 339	Next Scheduled EDR Contact: 08/03/2009
	Data Release Frequency: N/A

COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

Date of Government Version: 07/29/2009	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/31/2009	Telephone: 804-698-4285
Date Made Active in Reports: 08/21/2009	Last EDR Contact: 09/21/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 08/21/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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

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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 08/04/2009
Next Scheduled EDR Contact: 11/02/2009
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: 07/28/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/24/2009
Next Scheduled EDR Contact: 01/04/2010
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[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GMPT FREDERICKSBURG
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408

TARGET PROPERTY COORDINATES

Latitude (North):	38.25950 - 38° 15' 34.2"
Longitude (West):	77.4349 - 77° 26' 5.6"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	286957.3
UTM Y (Meters):	4237205.5
Elevation:	76 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38077-C4 FREDERICKSBURG, VA
Most Recent Revision:	1994
South Map:	38077-B4 GUINEA, VA
Most Recent Revision:	1984

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).

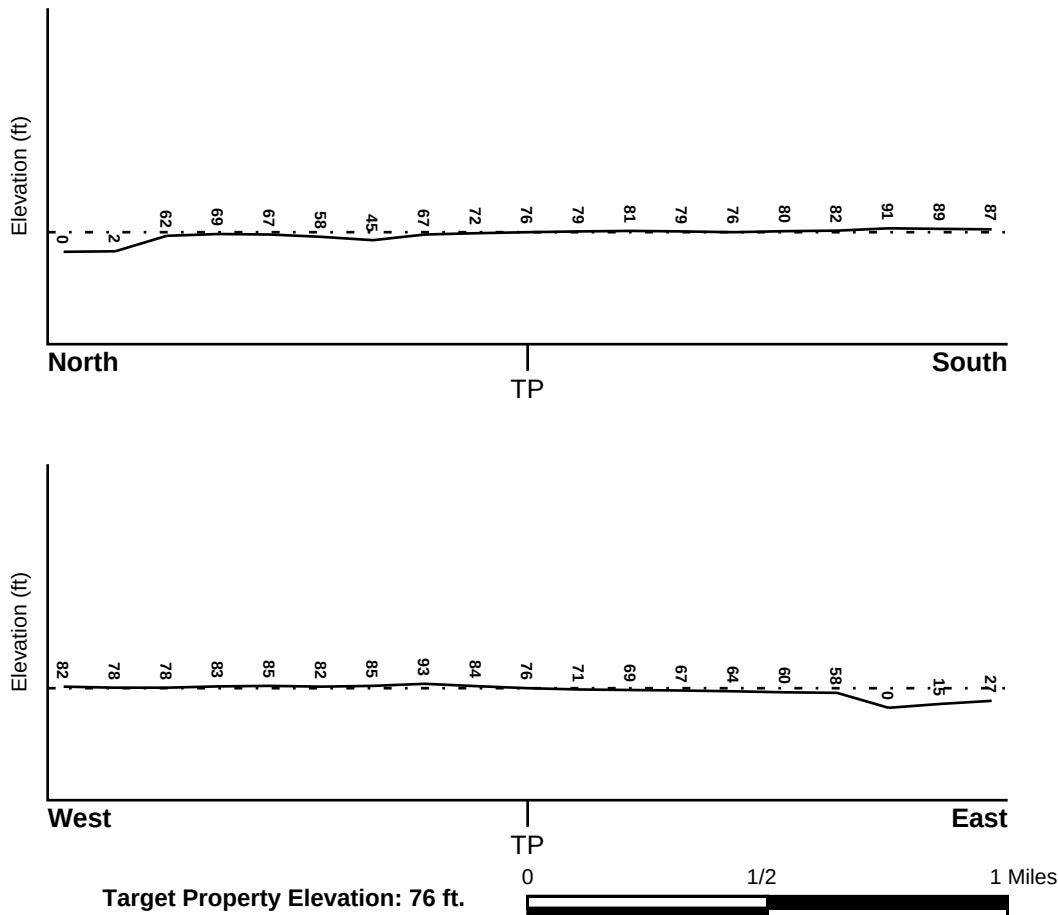
TOPOGRAPHIC INFORMATION

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 ENE

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

Target Property County
SPOTSYLVANIA, VA

FEMA Flood
Electronic Data
Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
FREDERICKSBURG

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

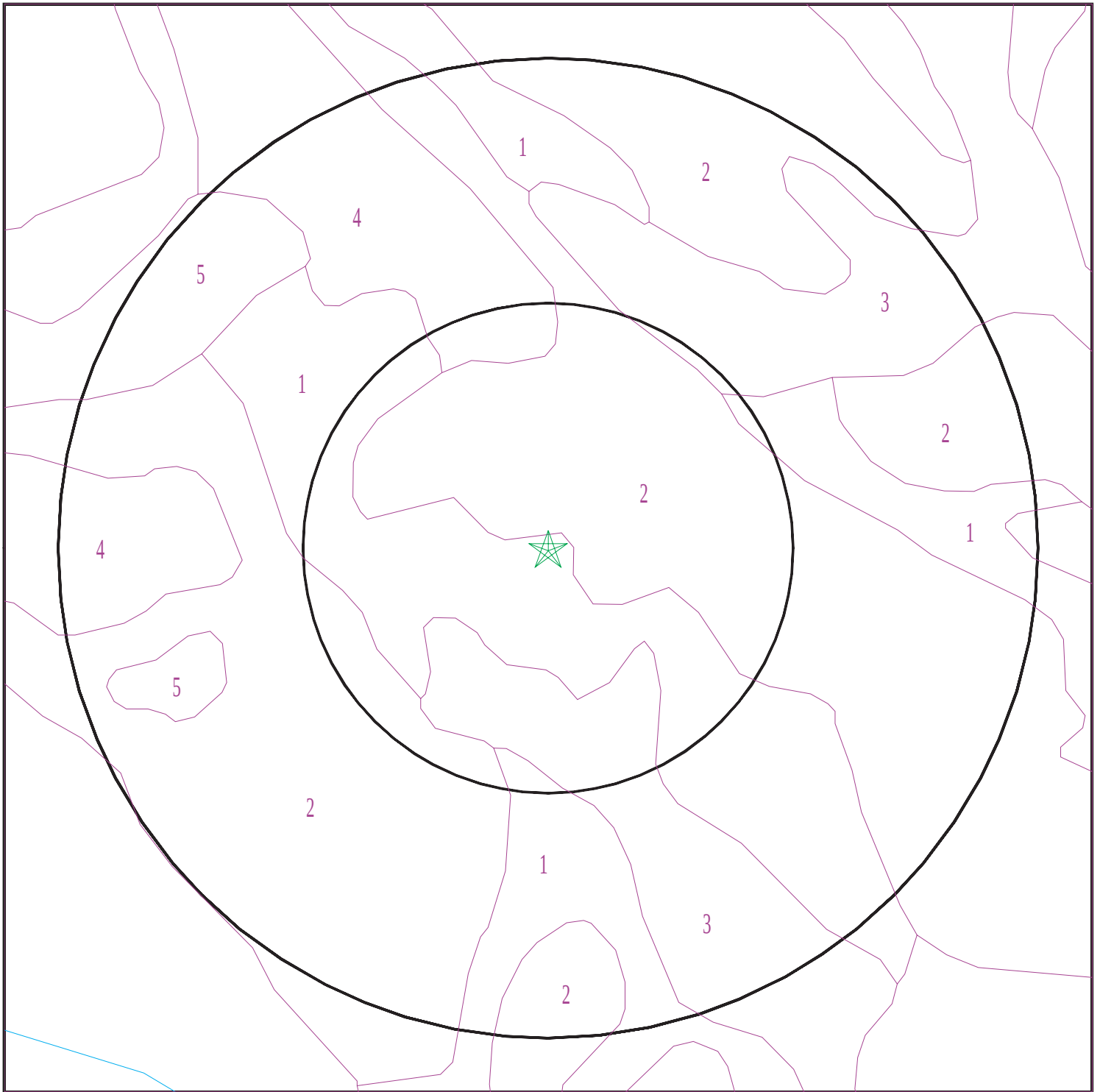
Era:	Mesozoic
System:	Cretaceous
Series:	Lower Cretaceous
Code:	IK (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 2616617.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: GMPT Fredericksburg
ADDRESS: 11032 Tidewater Trail
Fredericksburg VA 22408
LAT/LONG: 38.2595 / 77.4349

CLIENT: LFR Inc
CONTACT: Brian Pedersen
INQUIRY #: 2616617.2s
DATE: October 16, 2009 1:17 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Altavista

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: 6 Min: 3.6
2	11 inches	51 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: 6 Min: 3.6
3	51 inches	78 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: 6 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Wickham

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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	9 inches	46 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	46 inches	66 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Aquults

Soil Surface Texture: loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
2	9 inches	44 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
3	44 inches	72 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Wickham

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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	9 inches	46 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	46 inches	66 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: Dogue

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 5.5 Min: 3.6
2	9 inches	53 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 5.5 Min: 3.6
3	53 inches	64 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 5.5 Min: 3.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

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

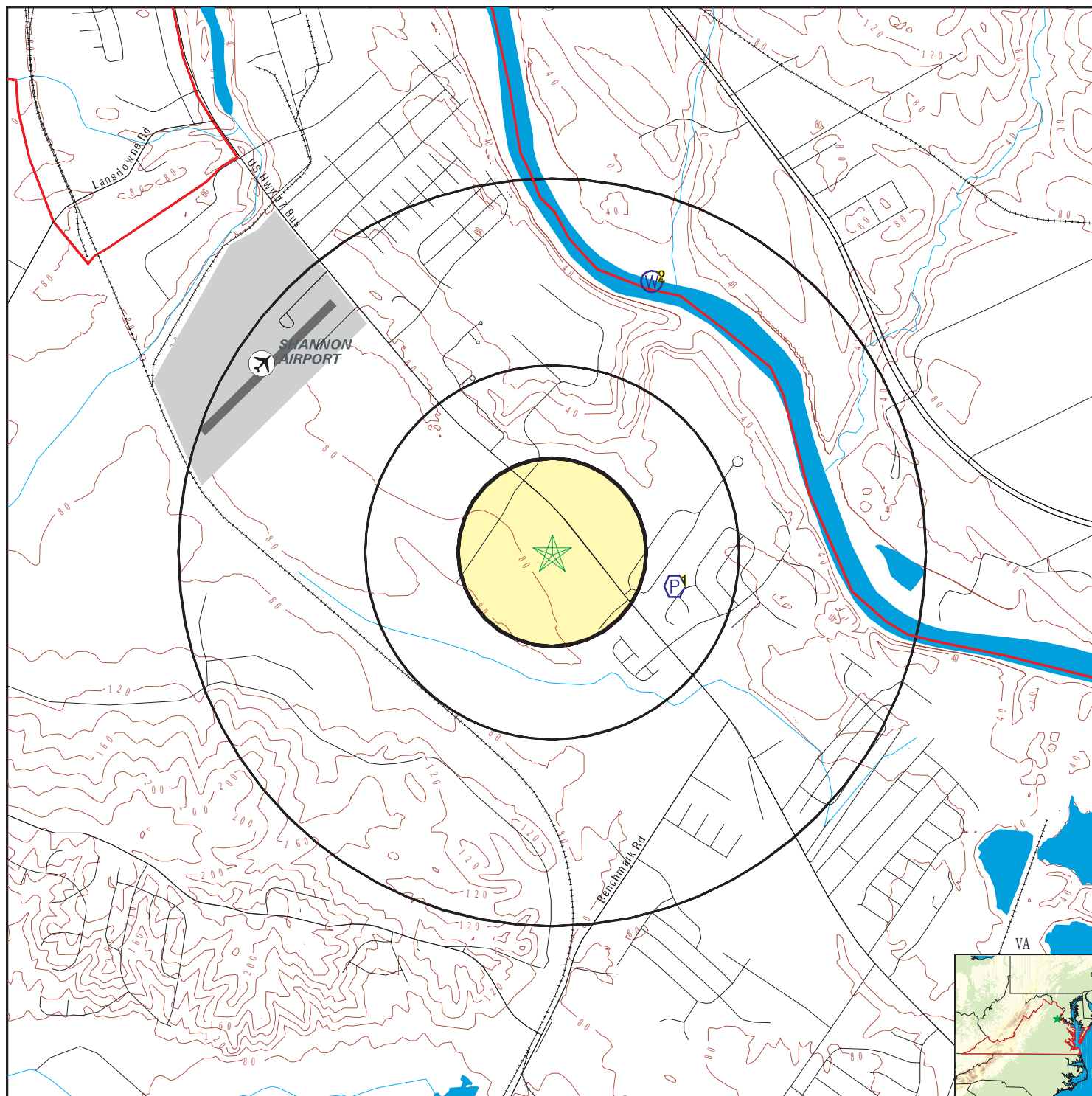
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	VA6177050	1/4 - 1/2 Mile ESE

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	VA2000000003237	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 2616617.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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: GMPT Fredericksburg
 ADDRESS: 11032 Tidewater Trail
 Fredericksburg VA 22408
 LAT/LONG: 38.2595 / 77.4349

CLIENT: LFR Inc
 CONTACT: Brian Pedersen
 INQUIRY #: 2616617.2s
 DATE: October 16, 2009 1:17 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ESE
1/4 - 1/2 Mile
Lower

FRDS PWS VA6177050

PWS ID: VA6177050
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: COUNTRY CLUB ESTATES-SYDNOR
HYDRODYNAMICS INC-PO BOX 27186
RICHMOND, VA 23261

Addressee / Facility: System Owner/Responsible Party
SYDNOR HYDRODYNAMICS INC
PO BOX 27186
RICHMOND, VA 23261

Facility Latitude: 38 15 29.0000 Facility Longitude: 77 25 45.0000
City Served: SPOTSYLVANIA
Treatment Class: Treated Population: 132

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	VA6177050
Pwsname:	COUNTRY CLUB ESTATES		
Retpopsrvd:	108	Pwstypecod:	C
Void:	6901305	Contaminant:	LEAD & COPPER RULE
Viol. Type:	Follow-up and Routine Tap Sampling		
Complperbe:	1/1/2005 0:00:00		
Complperen:	9/16/2005 0:00:00	Enfdate:	3/25/2005 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	VA6177050
Pwsname:	COUNTRY CLUB ESTATES		
Retpopsrvd:	108	Pwstypecod:	C
Void:	6901305	Contaminant:	LEAD & COPPER RULE
Viol. Type:	Follow-up and Routine Tap Sampling		
Complperbe:	1/1/2005 0:00:00		
Complperen:	9/16/2005 0:00:00	Enfdate:	3/25/2005 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	VA6177050
Pwsname:	COUNTRY CLUB ESTATES		
Retpopsrvd:	108	Pwstypecod:	C
Void:	6901305	Contaminant:	LEAD & COPPER RULE
Viol. Type:	Follow-up and Routine Tap Sampling		
Complperbe:	1/1/2005 0:00:00		
Complperen:	9/16/2005 0:00:00	Enfdate:	9/16/2005 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	VA6177050
Pwsname:	COUNTRY CLUB ESTATES		
Retpopsrvd:	108	Pwstypecod:	C
Void:	6901307	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	11/1/2008 0:00:00		
Complperen:	11/30/2008 0:00:00	Enfdate:	12/31/2008 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	VA6177050
Pwsname:	COUNTRY CLUB ESTATES		
Retpopsrvd:	108	Pwstypecod:	C
Void:	6901307	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	11/1/2008 0:00:00		
Complperen:	11/30/2008 0:00:00	Enfdate:	12/31/2008 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

System Name:	COUNTRY CLUB ESTATES-SYDNOR		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/2005 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	6901305		
Enforcement Date:	3/25/2005 0:00:00	Enf. Action:	State Formal NOV Issued

System Name:	COUNTRY CLUB ESTATES-SYDNOR		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/2005 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	6901305		
Enforcement Date:	3/25/2005 0:00:00	Enf. Action:	State Public Notif Requested

System Name:	COUNTRY CLUB ESTATES-SYDNOR		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/2005 0:00:00 - 9/16/2005 0:00:00		
Violation ID:	6901305		
Enforcement Date:	9/16/2005 0:00:00	Enf. Action:	State Compliance Achieved

System Name:	COUNTRY CLUB ESTATES-SYDNOR		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/2005 0:00:00 - 9/16/2005 0:00:00		
Violation ID:	6901305		
Enforcement Date:	3/25/2005 0:00:00	Enf. Action:	State Public Notif Requested

System Name:	COUNTRY CLUB ESTATES-SYDNOR		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/2005 0:00:00 - 9/16/2005 0:00:00		
Violation ID:	6901305		
Enforcement Date:	3/25/2005 0:00:00	Enf. Action:	State Formal NOV Issued

CONTACT INFORMATION:

Name:	COUNTRY CLUB ESTATES	Population:	108
Contact:	PARKER, IV, P.E., CLIFTON L.	Phone:	Not Reported
Address:	2414 Granite Ridge Road		
Address 2:	ROCKVILLE		
	VA, 23 804-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

2

NNE

1/2 - 1 Mile

Lower

VA WELLS

VA2000000003237

Tinwsf is : 2669064
Pwsid: 6179250
External s: 20318
Sysname: DUFF MCDUFF GREEN MEMORIAL
Cnycty: STAFFORD
D fed prim: GW
Lat long r: NAD 83
Latitude d: 38.27
Longitude : -77.43
D populati: 100
Total dsgn: 0
Avg daily : 0
Site id: VA2000000003237

Name:

Type code:

D pws fed :

DRILLED WELL

WL

NC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 22408

Number of sites tested: 40.

Maximum Radon Level: 9.1 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
34 (85.00%)	6 (15.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for SPOTSYLVANIA 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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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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11032 TIDEWATER TRAIL

11032 TIDEWATER TRAIL

FREDERICKSBURG, VA 22408

Inquiry Number:

November 10, 2009

EDR Site Report™

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	11032 TIDEWATER TRAIL 11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408 EDR ID #99643214
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	YES - p4
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

11032 TIDEWATER TRAIL
11032 TIDEWATER TRAIL
FREDERICKSBURG, VA 22408
EDR ID #99643214

ERNS:

Site ID:	99643214
Release source:	Not reported
Site location:	11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408
County:	SPOTSYLVANIA
EPA region:	03
NRC report number:	498274
EPA report number:	VA990417
Spill date:	06/06/1999
Spill time:	00:00
Medium affected:	Not reported
Discharger:	GM POWERTRAIN
Discharger address:	11032 TIDEWATER TRAIL FREDERICKSBURG, VA 22408
Discharger county:	SPOTSYLVANIA
Discharger DUNS:	Not reported
Discharger affiliation:	PE
EPA notified:	True
Number of injured:	0
Number of fatalities:	0
Number of evacuees:	0
Damage:	False
Damage \$ amount:	0.00
Initial report:	False
Updated report:	True
Notes:	NONE
Cause code:	FA
Spill cause:	Not reported
Type of agency:	Not reported
Responding agency:	Not reported
Spilled material:	REFRIGERANT GASES (RF11)
Spill total qty:	650.00 LBS
In water:	0.00 UNK
DOT #:	Not reported
CAS:	80741174
Quantity (lbs):	650.00
Description:	AUDIT REVEALED BETWEEN 05 MAY 99 AND 01 JUN 99 A LOSS ON AN ENVIRONMENTAL CHILLER OF 650 POUNDS / COOLANT LINE ON CHILLER HAD LEAK
Action:	REPLACED LINE THAT WAS LEAKING / UNIT RECHARGED BY SERVICE PEOPLE/ PUTTING SNIFFER UNIT ON EACH CHILLER TO DETECT FUTURE LEAKS
Comments:	Not reported

SECTION 3: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

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

Date of Government Version: 08/31/2009

Database Release Frequency: Annually

Date of Last EDR Contact: 10/06/2009

Date of Next Scheduled Update: 01/18/2010

APPENDIX D

Photograph Log



Photograph #1

Description of Photograph:

Entrance to the GM Powertrain site.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #2

Description of Photograph:

View across the east side of the Site and the front lawn area looking north along Tidewater Trail.

Site Location:

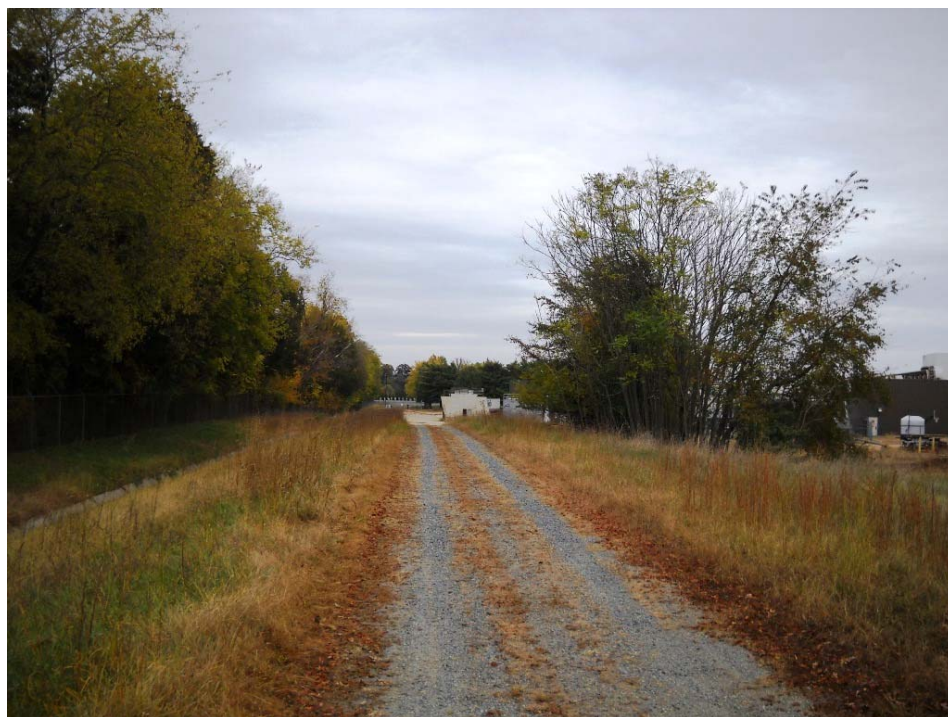
11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #3

Description of Photograph:
Northern boundary of the Site looking east.

Site Location:
11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:
Brian Pedersen

Date of Photograph:
October 23, 2009



Photograph #4

Description of Photograph:
The rear (west) side of the plant building looking south.

Site Location:
11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:
Brian Pedersen

Date of Photograph:
October 23, 2009



Photograph #5

Description of Photograph:

Southwest portion of the Site looking south-southwest.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #6

Description of Photograph:

Stormwater retention ponds located on the west side of the Site looking south.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #7

Description of Photograph:

Stormwater discharge trench located along the northern boundary of the Site looking east.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #8

Description of Photograph:

Northern end of the plant building looking east.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #9

Description of Photograph:

Wastewater treatment plant on the Site looking west.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #10

Description of Photograph:

Wastewater treatment tank on the Site looking northeast.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #11

Description of Photograph:

Location of former gasoline and diesel UST in foreground and former heating oil AST in background adjacent to the 1,000,000-gallon water AST looking southwest.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #12

Description of Photograph:

Outdoor material storage area on north side of plant looking southwest.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #13

Description of Photograph:

Production area within the plant. Beneath the wood flooring is the trench sump.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #14

Description of Photograph:

The discharge end of the trench sump showing the end of the scrap parts conveyor.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



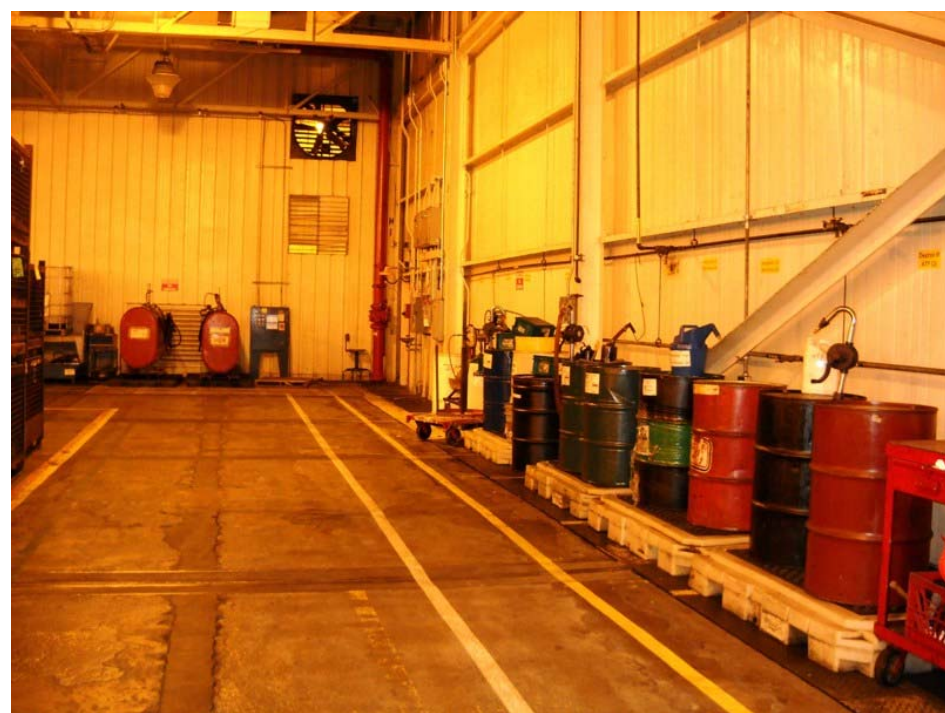
Photograph #15

Description of Photograph:
Bulk chemical storage area within the plant.

Site Location:
11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:
Brian Pedersen

Date of Photograph:
October 23, 2009



Photograph #16

Description of Photograph:
Drum storage area within plant.

Site Location:
11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:
Brian Pedersen

Date of Photograph:
October 23, 2009



Photograph #17

Description of Photograph:

Steam cleaning wash station within the plant area.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #18

Description of Photograph:

Bulk storage area for the water treatment chemicals used in the wastewater treatment plant.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #19

Description of Photograph:

Waste oil storage area within the plant.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #20

Description of Photograph:

Commercial businesses located to the north of the Site looking east.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #21

Description of Photograph:

Entrance to the Fredericksburg Country Club located to the east of the Site looking northeast.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #22

Description of Photograph:

Residence adjacent to the south of the Site along Tidewater Trail.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009



Photograph #23

Description of Photograph:

Fredericksburg-Spotsylvania
National Military Park located to
the west of the Site looking west.

Site Location:

11032 Tidewater Trail
Fredericksburg, Virginia

Photograph Taken By:

Brian Pedersen

Date of Photograph:

October 23, 2009

APPENDIX E

Qualifications of Environmental Professionals

STEPHEN P. MCCARTHY

Senior Associate Scientist

*asbestos management
industrial hygiene
environmental investigations
environmental site assessments*

As Director of Site Assessments at LFR Inc. (LFR) Braintree, Massachusetts office, Mr. McCarthy is responsible for the technical supervision of all personnel performing Phase I Environmental Site Assessments (ESAs). His responsibilities include technical oversight, logistics, scheduling and cost control, interface with clients and regulatory agencies, quality control of environmental assessments conducted within the branch and conducting Phase I ESAs throughout the United States.

With over 20 years of experience in the environmental consulting field, Mr. McCarthy has provided his technical expertise on a wide-range of projects for property owners, financial institutions, school departments, governmental agencies and hospitals. Mr. McCarthy has conducted environmental assessments on commercial/retail, residential and industrial properties in accordance with the American Society for Testing and Materials (ASTM) standard practice for Environmental Site Assessments E 1527 and client specific scopes of work. In addition, Mr. McCarthy has conducted asbestos identification surveys, prepared Operations and Maintenance programs, developed asbestos abatement technical specifications, monitored removal of asbestos-containing materials, performed indoor air quality investigations, managed the removal of underground petroleum storage tanks and prepared Spill Prevention, Control and Countermeasure (SPCC) plans.

EDUCATION

B.A. History, Providence College, 1986

REPRESENTATIVE EXPERIENCE

- **Various Properties (Client Confidential), Nationwide.** As Project Manager, Mr. McCarthy was responsible for the overall project management of multi-site/multi-state environmental assessment projects. These projects ranged in size from a single site up to 36 different sites located across the United States. Mr. McCarthy was responsible for project scheduling, cost control, technical oversight and review of all final reports prior to issuance to ensure they complied with ASTM standards and client specific requirements.
- **NationsBank, Dallas, TX.** As Project Manager, Mr. McCarthy was responsible for the overall project management of the performance of 50 Phase I ESAs of bank buildings located throughout the State of Texas within a six-week time frame. The ESAs consisted of inspections of current site operations and a reconnaissance of abutting/adjacent properties, historical research and review of federal, state and local regulatory records.
- **NationsBank, Corsicana, TX.** Performed a Phase I ESAs on three tracts of land in downtown Corsicana, TX. Project involved a detailed historical research on former uses of the tracts of

land revealed numerous suspect underground storage tank (UST) locations. Designed and coordinated performance of a geophysical survey on the three tracts of land to identify the likely presence of USTs to aid in the preparation of the scope of work for a Phase II subsurface investigation. The geophysical survey consisted of the use of a combination of electromagnetic induction (EM31) and ground magnetics. Based upon the findings of the geophysical survey, prepared a scope of work and cost estimates for the performance of the subsurface investigation.

- **NCNB Texas National Bank, Dallas, TX.** Provided asbestos identification surveys on 110 buildings containing over 8 million square feet of space located throughout the state of Texas. Responsibilities consisted of design of the survey strategy, on-site inspection and collection of bulk material samples, assessment of asbestos-containing materials, interpretation of data and preparation of final reports. Project included preparation of recommendations for further action at each facility, if warranted, and associated cost estimates.
- **First Republic Bank, Dallas, TX.** Managed a \$2 million dollar asbestos abatement project at an occupied high rise office building. Responsibilities included project design, specification preparation, conducting pre-bid conferences, collection and analysis of air samples, daily inspections of abatement contractor's work practices and consultation with owner's representative on all aspects of the abatement project.
- **First Republic Bank, Dallas, TX.** Performed an asbestos-containing material survey of the 50-story, 1.8 million square foot, First Republic Bank complex in Dallas, Texas. Responsibilities consisted of design of the survey strategy, overall management of the five person survey team, on-site inspection and collection of bulk material samples, assessment of asbestos-containing materials, interpretation of data and preparation of a final report.
- **NationsBank, Dallas, TX.** Coordinated the emergency removal of four underground storage tanks, which were uncovered during construction of a highly publicized branch bank facility. Successfully coordinated with state regulatory officials and a tank removal contractor for the removal of the USTs within 48 hours of detection so as to not impede bank construction. Performed project oversight which included preparation of a health and safety plan, collection of appropriate soil samples from the tank excavation, interpretation of analytical data and preparation of the tank closure report for submission to state regulatory officials.
- **Spill Prevention Control and Countermeasures (SPCC) Plans, NYNEX, various locations throughout New England.** Performed facility inspections and prepared SPCC plans in compliance with regulations of the Environmental Protection Agency (EPA) for various NYNEX facilities located throughout New England.

SEMINARS/COURSES

Hazardous Waste Operations (OSHA 40-hour)

Asbestos Inspector Refresher Course

Asbestos Management Planner Refresher Course

Asbestos Contractors/Supervisor Course

Inspecting Buildings for Asbestos-Containing Materials, Environmental Sciences Inc.,

Managing Asbestos in Buildings, Environmental Sciences Inc.,

Microscopical Identification of Asbestos, Microne Research Institute

Sampling & Evaluating Airborne Asbestos Dust (582), NIOSH

Transport and Fate of Contaminants in the Subsurface, U.S. Environmental Protection Agency
(U.S. EPA)

REGISTRATIONS/CERTIFICATIONS

Asbestos Management Planner, Certificate No. 9915171368104

Asbestos Inspector, Certificate No. 9915051068104

PROFESSIONAL HISTORY

LFR Inc., Senior Associate Scientist, 1995 to present

Recon Environmental, Operations Manager, Dallas, TX, 1988 to 1995

Recon Environmental, Project Manager, 1986 to 1988

BRIAN S. PEDERSEN, P.E.

Senior Engineer

*soil and groundwater remediation design
air quality compliance and permitting
facility-wide environmental compliance audits
phase I and phase II environmental site assessments (ESAs)
underground and aboveground storage tank management
compliance permitting and plan preparation*

Mr. Pedersen is a Professional Engineer and has over 20 years of varied experience in the environmental engineering design and compliance field in the government and private sectors. His regulatory compliance experience includes stormwater and industrial wastewater permit applications and Spill Prevention Control and Countermeasures (SPCC). He has extensive project experience involving engineering design, management, operation, and regulatory compliance regarding environmental engineering and remedial action projects. He has extensive experience preparing engineering designs for the removal and replacement of storage tanks and he is intimately familiar with federal and state storage tank system regulations. Mr. Pedersen also has extensive air quality compliance experience that includes the preparation of air permit applications, submission of annual emission statement reports, and the engineering evaluation and selection of air pollution control equipment.

EDUCATION

B.S. Chemical Engineering, New Jersey Institute of Technology, 1987

REPRESENTATIVE EXPERIENCE

- **JPMorgan Chase, various locations in New Jersey, SPCC Plans.** Conducted inspections and prepared the SPCC Plans for compliance with the U.S. Environmental Protection Agency (U.S. EPA) Oil Pollution Control requirements.
- **New York Boiler Air Permit and Stack Test Compliance Certification.** Provide engineering oversight and review of the air discharge permit application and the stack test results of several facilities located in New York.
- **Laidlaw Transit UST Management.** Assisted in the upgrading of the dispenser and piping systems at two Laidlaw diesel underground storage tank (UST) systems on Long Island, New York. Manage the removal of a leaking heating oil UST at another Long Island facility.
- **Handy & Harman Electronic Materials Corporation Permit by Rule Application.** Assisted in the preparation of the Permit by Rule application letter for the injection of Activated Persulfate.
- **NYC Mental Health Department, Stack Test Certification.** Signed and sealed the two stack test results for the stack testing of two boilers at two facilities.

- **Precision National Plating Services, Inc.** Provided field supervision for the excavation and removal of chromium contaminated soil and building materials from this former metal plating facility. Assisting in the operation and maintenance of the three chromium water treatment systems at the facility.
- **Hurricane Katrina and Rita Relief Projects.** Assisted the U.S. EPA's Region 6 Superfund Technical Assistance and Emergency Response Team (START) actions in the hazardous materials recovery efforts in Louisiana affected by Hurricanes Katrina and Rita. Investigated the storm impact damage on UST facilities in Orleans, St. Bernard, St. Tammany, and Washington Parishes.
- **Sri Lanka Tsunami Relief Project, Drinking Water Treatment System Installations.** Provided engineering assistance to supply temporary potable drinking water at numerous locations in Sri Lanka impacted by the December 2004 tsunami. Assisted in the water source site selection, and the installation and operation of transportable drinking water treatment systems.
- **Williams Air Force Base, ST012 Site, Phoenix, Arizona.** Senior staff engineer for the design of the aboveground portions of the Thermal Enhanced Extraction (TEE) system and the Soil Vapor Extraction (SVE) system for the remediation of spilled jet fuel at the ST012 site at the former U.S. Air Force base. Worked on the design and selection of the remedial equipment and piping collection system for this large-scale steam injection and soil-vapor extraction system. Evaluated the construction contractors bid package to select a company to build the remedial system.
- **Luke Air Force Base, Arizona.** Project manager for the operation of an SVE system at a former tank field site containing gasoline and oil located at the Air Force base.
- **New Jersey Treasury, Division of Property Management and Construction, UST Removal and Replacement Project Statewide.** Project manager for the preparation of design plans and specifications, bid documents, and the evaluation and selection of multiple contractors for the removal and replacement of approximately 120 heating oil UST systems at 45 state facilities.
- **US Filter Electrocatalytic Products. Air Operating Certificate Application, Union, New Jersey.** Project manager for the completion of preconstruction permit and operating certificate for a new spray coating system. Completed the annual emission statement submissions in subsequent years.
- **Elementis Specialties, Jersey City, New Jersey.** Project manager on a turnkey project involving the replacement of air pollution control equipment for a paint additive manufacturing facility
- **Air Emissions Statement Reporting - Elementis Specialties, Jersey City, New Jersey.** Assisted in the preparation of the air emissions statements for Elementis for several years.
- **Environmental Compliance and Engineering Services, Triborough Bridge and Tunnel Authority (TBTA), New York, New York.** Project Manager for this contract, which included compliance evaluations and engineering services at nine TBTA facilities. Designed a petroleum discharge recovery system to collect periodic petroleum discharges from beneath a TBTA bridge support structure. Developed SPCC plans and compliance programs for the facility's tank operations. Evaluated all the open historical petroleum spill incidents at eight TBTA facilities. Prepared renewal and modification of the existing SPDES discharge permit for stormwater

collected in the Brooklyn Battery Tunnel and managed the monthly SPDES permit discharge sampling from the stormwater collection sumps.

- **Caledonia Knitwear Corporation, ISRA Site Closure, Newark, New Jersey.** Project Manager for Preliminary Assessment and Site Investigation of a manufacturing facility subject to the requirements of New Jersey's ISRA. Residual contamination was detected but at concentrations below regulatory action levels. The site received a negative declaration from NJDEP.
- **US Postal Service (USPS), Air Mail Center/JFK International Airport UST Removal and Replacement.** Principal Engineer for the engineering design and construction oversight services for the removal and replacement of underground storage tanks located at the USPS's mail handling facility located at JFK International Airport, New York. After the two replacement UST systems were installed, and prior to construction of the concrete cover slab, the tank excavation was treated with an oxygen releasing compound (ORC) as a means to assist in the natural biodegradation of the residual petroleum products.
- **Project Manager/Engineer, Tank Management Plan for the U.S. Postal Service – Triborough District, New York.** Conducted inspections to update the inventory of the existing UST and aboveground storage tank (AST) systems at postal service facilities within Brooklyn, Queens, and Staten Island, New York.
- **Project Manager/Engineer, Langley Air Force Base, Virginia.** Mr. Pedersen supervised the preparation of engineering cost estimates for the recommended actions for tank upgrades or replacements, which were submitted with the base's Tank Management Plan.
- **Sprint Cellular Tower Site Planning.** Project Engineer on five cell tower locations that included preparation of the site layout drawings for submission to the local planning and zoning boards.
- **Tropicana Risk Management Planning – New Jersey's Toxic Catastrophe Prevention Act (TCPA).** As the project senior engineer, conducted comprehensive environmental compliance audits of this ammonia refrigeration system that was applicable to New Jersey's TCPA. Assisted in preparing the revised RMP report with corrective action planning. Revising the standard operating procedures and the piping, instrumentation and process flow diagrams for the system to ensure compliance with the TCPA requirements.
- **Project Manager, USFWS Edwin B. Forsythe NWR, Barnegat, New Jersey Superfund Expanded Site Inspection and Hazard Ranking System (HRS) Screening.** Prepared the HRS screening package for possible inclusion on the National Priority List (NPL) based on the analytical sampling results from areas of historical dumping activities. The site was determined to be ineligible for listing and U.S. EPA agreed to issue a no further action classification for the site.
- **Project Manager/Engineer - Navy Engineering Field Activity (EFA) Chesapeake Naval Facilities Engineering Command.** Prepared UST Management Plans for Naval activities located in D.C., Maryland, and Virginia. Recommendations were made for upgrading, replacement, or no further action based on the regulatory compliance status and the risk of leakage.
- **Project Ash, Due Diligence Investigations at Facilities Nationwide.** Project Engineer for the due diligence evaluation of a chemical manufacturing company with six facilities located in

four states (North Carolina, Georgia, Texas, and Washington). After identifying areas of concern, was responsible for the oversight of field investigations at several facilities, which included the collection of subsurface soil and groundwater samples for laboratory analysis. Assisted in the submittal of a comprehensive report of the findings with recommendations and, as applicable, estimated costs for remedial actions.

- **NJDOT Region 2 Maintenance Headquarters, Newark, Essex County, New Jersey.**
Prepared a soil reuse plan for New Jersey Department of Transportation (NJDOT) maintenance facility construction. Also provided engineering designs for the installation of a remedial gas venting system to address high concentrations of landfill gases in the southeastern portion of the NJDOT vehicle maintenance facility.

REGISTRATIONS/CERTIFICATIONS

Professional Engineer, New Jersey, No. GE4204800

Professional Engineer, New York, No. 084149-1

Professional Engineer, Arizona, No. 44664

Professional Engineer, Alaska, No. 11449

New Jersey Department of Environmental Protection (NJDEP) Underground Storage Tank (UST) Installation-Complete, Closure, Subsurface Evaluation, Tightness Testing, New Jersey, No. 0023236

OSHA, 40-hour Hazardous Waste Operations Training, Annual 8-hour Refresher Training

PROFESSIONAL HISTORY

LFR Inc., Senior Engineer, February 2007 to present

BEM Systems, Inc. (October 1990 to February 2007)

Louis Berger & Associates, Inc. (August 1988 to October 1990)

NUS Corporation, Inc. (December 1986 to August 1988)