

# ASTM E1527-13 Phase I Environmental Site Assessment

St. Paul's Boulevard Transit Site  
Norfolk, Virginia

City of Norfolk  
Office of Resilience  
501 Boush Street  
Norfolk, Virginia 23510

**SCS ENGINEERS**

SCS Project No. 02218113.02 | May 6, 2019

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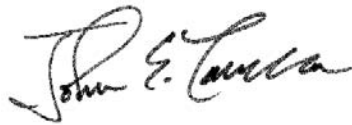
This Phase I Environmental Site Assessment (ESA) report for real property, encompassing approximately 17 acres and located St. Paul's Boulevard Transit Site, addressed as 300 St. Paul's Boulevard and 501 Wood Street in Norfolk, Virginia, was prepared by Alexis Holcomb, and reviewed by John Tabella of SCS Engineers.

We declare that, to the best of our professional knowledge and belief, we meet the definition of an Environmental Professional as defined in 40 CFR 312.10. The qualifications of the individuals below are included in Section 12. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject Site. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



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Project Professional  
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## EXECUTIVE SUMMARY

### **Parcels A & B-1, Parcel C-1, Pt Parcel C1, Parcel C-2, Unit 8, Unit 1 Popeyes, and Unit 18**

300 St. Paul's Blvd.

450 St Paul's Blvd.

501 Wood St.

450 Posey Ln.

### **Partial Properties: Parcel 48; 338 ft 805-821 Mariner St.; Blks A,B,C,H,I,J & Pt G Tdwtr Pk; and 54.3 ft & Parcel 46**

201 Chapel St.

317 Chapel St.

450 Walke St.

830 Holt St.

Norfolk, Virginia 23510

Current Property Owner: City of Norfolk and Norfolk Redevelopment and Housing Authority (NRHA)

Latitude, Longitude: **36.9°N, 76.3°W**

Date Phase I Property Reconnaissance Conducted: April 4, 2019

Date of Report: May 6, 2019

Update Required After: October 22, 2019 (based on 6-month shelf life of report)

Type of Report: Phase I Environmental Site Assessment, conducted in general accordance with ASTM E1527-13

Prepared for: The City of Norfolk

Prepared by: SCS Engineers

### Property Description

- The Property is comprised of four parcels of land and portions of four parcels of land (approximately 17 acres).
- The Property parcels are collectively described as: **Parcels A & B-1, Parcel C-1, Pt Parcel C1, Parcel C-2, Unit 8, Unit 1 Popeyes, and Unit 18** and Partial Properties: **Parcel 48; 338 ft 805-821 Mariner St.; Blks A,B,C,H,I,J & Pt G Tdwtr Pk; and 54.3 ft & Parcel 46** Norfolk, Virginia.
- The Property is developed with two fast-food restaurants (Popeye's and McDonalds), a Shell gasoline service station, the Hampton Roads Transit (HRT) bus terminal, the Norfolk Fire Station No. 1, parking lots, portions of the Tidewater Gardens residential units, and a vacant lot. The Popeye's restaurant building is reportedly 2,455 square feet; the McDonalds is 21,527 square

feet; the Shell gas station is 30,417 square feet; the bus terminal is 118,452 square feet; and the Fire Station is 132,243 square feet.

- The Property is relatively flat, with surfaces graded towards the perimeter of the property and towards bisecting roadways within the property. Storm drains are located throughout the property along the perimeter of the property, as well as along bisecting roadways.
- The Property elevation is approximately 10 feet above mean sea level (MSL).
- The Property is currently defined as being within a special flood hazard area subject to inundation by the 1% annual chance flood (eastern portions), areas of 0.2% annual chance flood (majority of the site), and areas outside the 500-year floodplain (western buildings) as mapped by FEMA.
- The Property's geology consists of Quaternary-age alluvium.
- Soils at the Property are primarily classified as Altavista soils, Urban land, and Udorthents.
- State regulatory agency records indicate underground storage tanks (USTs) present at the subject Site. No aboveground storage tanks (ASTs), water wells, groundwater monitoring wells, or other environmentally significant features were observed on the Property.
- According to historical sources, numerous roadways, commercial entities, and dwellings between 1887 and 1950 occupied the Property lots. After the 1950s, but before 1970, the subject Site was reconfigured and redeveloped into a single block with commercial structures that included a gasoline service station, auto repair facility, and dry cleaners. By 2008, the subject Site configuration is consistent with present day visual observations made during the subject Site reconnaissance. The western property is developed with six structures, while the remaining areas of the Site are paved parking lots, portions of the Tidewater Gardens dwellings, and a vacant lot. The structures include a Popeye's, McDonalds, Shell gasoline station and associated canopy, bus terminal shelters, and the Fire Station.

#### Current Uses of Adjoining Properties

- North: Wood Street, followed by residential properties.
- East: Tidewater Gardens residences and a vacant lot.
- West: Saint Paul's Boulevard, followed by commercial and residential properties.
- South: Market Street (I-264 W Highway), followed by Norfolk Public Schools/Administration.

#### Current Well Records

- There are 4 water supply wells within a 1-mile radius of the Property.
- According to the database report maps of Oil and Gas Wells, there are no active oil or gas wells within a 0.5-mile radius of the Property.

#### Report Database Records

- The Property was identified in the EDR environmental databases: ERNS, UST, LUST/LTANKS, SPILLS, RCRA NonGen and SQG.
- There are 3 active USTs located on-site: two at the Shell gasoline station and one emergency generator at the Norfolk Fire Station No. 1.
- Ten UST and 15 LUST sites are located within their respective ASTM E1527-13 search radii.
- One UST site and two LUST sites are located adjacent to the Property, and three UST and LUST sites are located within one-eighth of a mile.

## Data Gaps

- Historical data gaps were identified during the preparation of this report. Historical records dating back to the subject Site's first developed use were not readily available. The oldest historical records was a topographic map from 1887, which illustrated the subject Site as developed. Although this represents a data gap, based on the reasonably ascertainable information obtained from the site reconnaissance and data reviewed detailing consistent developed site use, it is unlikely that additional historical site use information would materially alter the findings of this report. This data gap is not considered significant.
- The subject Site was listed on the Emergency Response Notification System (ERNS) (discussed in more detail in Section 5) for a mobile fuel truck leak in June 1995 that spilled approximately 150-gallons of diesel fuel. According to information within the database report, the leak was secured and the pollution response team was dispatched. No other information was provided. The lack of additional information pertaining to release investigation and/or remedial actions is considered a data gap. This data gap is not considered significant.

## Recognized Environmental Conditions (RECs)

- Historical sources indicate that the Property contained an automotive repair facility (Roland's Auto Service Center) and dry cleaners (Dry Cleaning of Virginia Beach) for over 30 years (1970 to 2006). The long-term use of the property for these services indicates a potential for subsurface contamination.
- Historical information sources indicate multiple UST use on the subject Site from at least 1970 to the present, including Roland's Auto Service Center, Amoco, Holiday Foods/Texaco, and Shell gasoline station. The long-term use of USTs at the site is considered an environmental concern and a REC.

**Based on the historical uses of the Site, the primary contaminants of potential concern include petroleum hydrocarbons, volatile organic compounds (VOCs), semi-volatile organic compounds/polyaromatic hydrocarbons (SVOCs/PAHs), and lead and potentially other heavy metals.**

## Historical Recognized Environmental Conditions:

- An Emergency Response Notification report from 1995 for a surficial spill of approximately 150-gallons of diesel fuel is considered a HREC. According to the EDR database report, the spill was reportedly contained and cleaned up. However, information concerning the investigation and remedial actions was not obtained, which is considered a data gap.
- The former Amoco #2033 – Tanks database listing. Information obtained from the VDEQ indicated a release resulting from UST use at this former facility. Free product was found in the groundwater. Environmental investigations were performed, including the removal of USTs and associated lines. Residual and dissolved phase petroleum contaminant levels were relatively low and the VDEQ issued a no further action letter in August 1994. The former release and resulting environmental investigations performed, including the closure of the case, is considered a HREC to the subject Site.

- A former leaking tank associated with the NRHA – Tidewater Park database listing. Free product in soils were discovered during the removal of USTs. Environmental investigation reports were obtained from the VDEQ, which summarize abatement measures taken. Based on these reports and low levels of subsurface contamination, the VDEQ issued a no further action letter in August 1994. The former release, resulting environmental investigations and remedial actions, and case closure from VDEQ is considered a HREC to the subject Site.

#### Business Environmental Risks:

- The use of the subject Site as a gasoline service station with two USTs on-site (Shell gasoline station) and the use of an emergency generator UST at the Norfolk Fire Station No. 1.
- The relatively long-term use of the property as an automotive repair facility and a drycleaners, as well as numerous USTs being used on-site and the resulting subsurface contamination.

#### Vapor Encroachment Condition:

- Based on the information obtained for this Phase I ESA, the potential for impacts from off-site sources is considered to be low, and the off-site sources do not represent a potential vapor encroachment condition (VEC) to the subject Site.

#### Report Recommendations

Based on the identification of the RECs, it is the opinion of SCS Engineers that further environmental investigation is warranted prior to redevelopment of the subject Site. We specifically recommend that a Phase II Environmental Site Assessment be conducted to assess areas of concern, including the former automotive repair facility (Roland's Auto Service Center), former dry cleaner (Dry Cleaning of Virginia Beach), and informational gaps relating to former environmental investigations and subsurface contaminant levels. The Phase II ESA design would evaluate the condition of soil, vapor in soil and groundwater in the areas of concern.



# 1 INTRODUCTION

SCS Engineers was retained by City of Norfolk (the “Client”) to prepare an ASTM E1527-13 Phase I Environmental Site Assessment (ESA) for real property, encompassing approximately 17 acres located at the St. Paul’s Boulevard Transit Site. This site includes several parcels and addresses including 300 St. Paul’s Boulevard (Popeye’s, McDonalds, Shell gasoline station, and parking lots), 501 Wood Street (HRT bus terminal), 450 St. Paul’s Boulevard (Norfolk Fire Station No. 1), and 450 Posey Lane (parking lot). In addition, the subject Site boundaries include portions of the following addresses: 830 Holt Street, 201 Chapel Street, and 317 Chapel Street, which make up a vacant lot, as well as 450 Walke Street that is part of the Tidewater Gardens residential complex. A location map for the subject Site is included in **Appendix A**.

## Location

The subject Site is currently owned by the City of Norfolk and the Norfolk Redevelopment and Housing Authority (NRHA) and is comprised of the parcels listed below.

GPIN	Owner	Legal Description
1437163471	Dk Chicken - Lessee (Popeye’s)	Unit #1 Popeye’s
1437163471	McDonalds - Lessee	Unit #8
1437163471	Supreme Petroleum Inc. - Lessee (Shell)	Unit #18
1437163471	City of Norfolk	Parcels A & B-1, 6.5153 ac.
1437161984	City of Norfolk	Pt Parcel C 1.804 ac.
1437166990	City of Norfolk	Parcel C-1, 3.0359 ac.
1437164911	City of Norfolk	Parcel C-2, 2.0901 ac.

Other addresses affiliated with the subject Site are as follows: 450 Walke Street (Tidewater Gardens); 201 Chapel Street, 317 Chapel Street, and 830 Holt Street, which comprise a vacant lot currently used as a parking lot.

## Purpose

The purpose of this Phase I ESA is to identify *recognized environmental conditions (RECs)* present at the subject Site as a result of current or historical site land use or activities, or from known or suspected off-site sources.

## Scope of Services

This Phase I ESA is based on:

- Reviews of federal, tribal, state, and local government records.
- Visual reconnaissance of the subject Site and adjoining properties.
- Review of historical site use information (topographic maps, aerial photographs, fire insurance maps, existing reports, etc.).
- Commonly known or reasonably ascertainable information about the subject Site (e.g., interviews with appropriate regulatory agency personnel and review of agency files, review of available documents, interviews with other knowledgeable persons).
- Degree of obviousness of the presence or likely presence of contamination at the subject Site, and the ability to detect the contamination by appropriate investigation.
- Information provided as a result of additional inquiries conducted by the User.

This Phase I ESA was conducted in accordance with the following standards or requirements:

- U.S. Environmental Protection Agency (USEPA), 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule (AAI);
- ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*; and
- The scope, conditions, and limitations of the Contract between SCS and Client.

The Client understands that the above-referenced USEPA and ASTM standards were not developed to identify all environmental risks to the subject Site. The standards were developed to allow a User (Client) to qualify for the innocent purchaser defense, bona fide prospective purchaser defense, and contiguous property owner defense to landowner liabilities under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, aka Superfund) and subsequent amendments.

This Phase I ESA is intended to constitute an appropriate inquiry into the previous ownership and uses of the subject Site consistent with good commercial and customary practice, as part of the due diligence process required by CERCLA, the Superfund Amendments and Reauthorization Act of 1986 (SARA), and the Small Business Liability Relief and Brownfields Revitalization Act of 2002 (Acts).

Please note that this Phase I ESA may initially qualify the Client for a CERCLA defense. However, after purchase there may be “continuing obligations” that must be implemented in order to preserve this defense through the term of subject Site ownership. There may be additional requirements under state laws that also apply. The Client should contact qualified legal counsel regarding matters of liability, interpretation of the Acts, and likely continuing obligations. While it is outside the scope of this Phase I ESA, SCS would be pleased to work with your legal counsel to develop and implement a strategy to preserve your CERCLA liability defenses through the term of your ownership.

## Limitations and Exceptions

This Phase I ESA focused on likely sources of petroleum products and hazardous substances that could be considered a recognized environmental condition and liability due to their presence in significant concentrations (e.g., above acceptable limits set by the federal, state, or local government) or due to the likely for exposure and risk due to contaminant migration and complete exposure pathways (e.g., soil vapor inhalation or groundwater ingestion). Materials that contain substances that are not currently deemed hazardous by the United States Environmental Protection Agency (USEPA) or the state environmental agency were not considered as part of this Phase I ESA.

Unless specifically included in SCS's scope of services, an evaluation of building materials such as asbestos, lead-based paint, lead in drinking water, urea formaldehyde, and pressure-treated lumber has not been considered in this Phase I ESA, nor are building issues such as fire safety, indoor air quality (except as it may be related to likely subsurface vapor encroachment), mold, or similar matters. SCS did not evaluate the subject Site for compliance with land use, zoning, or similar laws. This Phase I ESA also excludes cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high-voltage power lines. This Phase I ESA is not intended to be a comprehensive environmental compliance audit.

Hazardous substances occurring naturally in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, or radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered, unless obvious signs suggest that hazardous substances are likely to be present in significant concentrations or likely to migrate.

SCS assumes no responsibility for the accuracy of information obtained from, compiled by, or provided by third-party sources, such as regulatory agency listings. Unless obviously inaccurate or if information exists to the contrary, SCS assumes that information collected during this ESA is accurate and correct. Unless warranted, information collected has not been independently validated as part of this assessment.

Certain other limitations could affect the accuracy and completeness of these reports, such as:

- Physical Obstructions to Observations – None.
- Outstanding Information Requests – Information requests have not been received from the Virginia Health Department, Norfolk Fire Rescue, or the Fire Marshal's Office as of the date of the report.
- Historical Data Sources Failure – The ASTM E1527-13 standard practice requires that standard historical sources be reviewed back to the first developed use. Readily available historical sources obtained for the subject Site do not meet identify the first developed use of the property; therefore, this represents a data gap. Historical site use has significantly changed over time (i.e., the site has been developed since at least 1887 with numerous commercial facilities). However, based on the information obtained to date, this data gap is not considered a significant data gap.
- Other – The interior of the McDonalds restaurant was assessed through glass windows from the outside due to the sheer volume of customers throughout the facility during the site visit. The Tidewater Gardens units that are a part of the subject Site were not accessible as these units were occupied and NRHA did not provide access to these units.

## Significant Assumptions

Based on the documents reviewed, interviews with knowledgeable parties, and the site reconnaissance, the following significant assumptions are made regarding the subject Site:

- Unless obviously inaccurate or if information exists to the contrary, SCS assumes that information collected during this ESA is accurate and correct. Unless warranted, information collected has not been independently validated as part of this ESA.
- The regional shallow groundwater flow direction is assumed to be to the south towards the Elizabeth River; however, may be influenced by onsite or nearby surface water bodies, by pumping wells in the area, and other factors. General groundwater flow on-site is towards stormwater drains located along the perimeter of the property and along bisecting roadways.
- Other – The interior space of McDonalds was not physically walked due to the sheer volume of customers throughout the facility during SCS' site reconnaissance. The interior of McDonalds was visually observed through glass windows from the exterior.

## Special Terms and Conditions

This Phase I ESA report has been prepared specifically for our Client's use, the City of Norfolk, and the Norfolk Redevelopment and Housing Authority (NRHA). The report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented herein.

No other party, known or unknown to SCS, is intended as a beneficiary of this work product, its content or information embedded therein. Client may choose to share the contents of this report with any third party. However, third parties use and rely on this report at their own risk. Third party reliance letters may be issued on request to SCS subject to approval of Client and payment to SCS of a fee for preparation of such letters.

## 2 USER PROVIDED INFORMATION

To qualify for one of the landowner liability protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, 40 CFR Part 312 requires that the User (Client) provide the following information to the environmental professional. The User's representative, Mr. Zubin Adrianvala, of City of Norfolk, completed a User Questionnaire on April 16, 2019. According to Mr. Adrianvala, no environmental cleanup liens, and activity and use limitations are registered against the subject Site. He has no specialized knowledge or experience with the subject Site, specific chemicals that are present or were once present, spills or other chemical releases, and environmental cleanups that have taken place. A copy of the User Questionnaire is included in **Appendix E**.

### Title Records

The Client did not provide title records for the subject Site to SCS. Review of these records was not included as part of the scope of services to be performed by SCS, and unless notified otherwise, we assume that the Client is evaluating this information outside the context of this report.

### 3 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

#### Previous Environmental Reports

No previous environmental reports for the subject Site were obtained or furnished.

#### Local Agency Records

SCS submitted Freedom of Information Act (FOIA) requests to the following agencies:

- Virginia Health District Environmental Health Division
- Norfolk FOIA Office
- Norfolk Voluntary Fire and Rescue Squad
- Virginia Department of Environmental Quality – Tidewater Regional Office

Environmental records associated with utilities (i.e., septic systems, wells, etc.), hazardous and solid waste, water, air, remediation activities, emergency responses, spills/releases, underground and aboveground storage tanks were requested from the above-referenced regulatory agencies. It should be noted that summarized information received from the agencies is not intended to be all inclusive of the complete files obtained from the agencies; but only to summarize significant findings relative to identification of RECs or other noteworthy environmental findings.

Records from the VDEQ were provided for the on-site UST, LUST/LTANKS, and spills database listings (discussed further in Section 5), which included the former Holiday Foods Texaco, Amoco, and Roland's Auto, as well as current Holiday Foods Shell, Tidewater Gardens, and Norfolk Fire Station No. 1 database listings. Several documents were provided including pollution reports, monitoring reports, site characterization, closure documentation, and pollution complaint closure letters. Currently, all on-site database listings related to leaks or spills are closed. There are two registered USTs that are active at the Shell gasoline service station and one aboveground emergency generator at the Norfolk Fire Station. There are no current records indicating non-compliance with these tanks.

The VDEQ also provided a Deactivation notification letter for the former on-site dry cleaners. According to the letter, VDEQ staff visited the referenced facility on April 25, 2013; however, the business was no longer located on-site. Instead, a city parking lot occupied the property. Staff attempted to contact the former business, but were unsuccessful and an internet search found no viable links. Therefore, the EPA reference identification number for the former cleaners (EPA VAD988223467) for small quantity generator of hazardous waste was deactivated.

In addition to on-site records, the VDEQ also provided records for the off-site US Post Office (600 Church Street) and First Baptist Church (418 Bute Street) that were included on leaking tank databases. These documents included pollution notifications, abatement reports, inspection reports, correspondence, and pollution compliance case closure letters. Currently, these two off-site facilities have closed case statuses.

No other records were provided for the subject Site or adjacent facilities.

## 4 PHYSICAL SETTING

### Topographic Conditions

A topographic map for the subject Site's vicinity was reviewed and is summarized in the following table:

<b>Reported Elevation</b>	Approximately 10 feet above mean sea level.
<b>Reported Slope Direction</b>	The topography of the subject Site is generally south towards lower elevations. Overall, regional shallow groundwater flow is to the south towards the Eastern Branch of the Elizabeth River.
<b>Source</b>	United States Geological Survey 7.5 Minute Topographic Maps, Norfolk South, Virginia, 2013.

### General Geologic Conditions

The subject Site is located in the Atlantic Coastal Plain physiographic province, which consists of an eastward-thickening wedge of stratified, unconsolidated to semi-consolidated alluvial and marine deposits. The sediments consist primarily of sand, clay, silt, and gravel with various amounts of shell material that range in age from Cretaceous to Holocene. Underlying the Coastal Plain sediments is a basement rock surface composed of igneous and metamorphic rocks that range in age from Precambrian to Paleozoic. The consolidated rock basement surface forms the basal limit of the Coastal Plain hydrogeologic system, greater than 2,000 feet below the ground surface. Near-surface soil conditions at the subject Site may have been altered by construction and other activities associated with present day development.

According to the Environmental Data Resources' (EDR's) Report Geocheck Physical Setting Source, the lithology in the vicinity of the subject Site is described as being from the Cenozoic Era, the Quaternary System, and the Pleistocene Series. The subject Site is underlain by three different soil types: Altavista fine sandy loam, Urban land, and Udorthents (areas where native soils have been removed). Altavista soils are moderately well drained soils in the Class C hydrologic group.

### General Hydrogeologic Setting

According to topographic map interpretation, the direction of flow of shallow groundwater in the vicinity of the subject Site is inferred to be to the south toward lower elevations. The average regional groundwater flow direction is assumed to be to the south towards the Elizabeth River.

## 5 REVIEW OF FEDERAL, STATE AND TRIBAL GOVERNMENT DATABASES

A database search for sites listed on various federal, state, and tribal databases in the area around the subject Site was performed by EDR. A description of each of the databases searched is included in the report. Among the databases included in the EDR report are National Priority List (NPL) (federal, tribal, and state-equivalent), proposed and delisted NPL, CORRACTS (Resource

Conservation and Recovery Act – (RCRA) facilities subject to corrective actions), hazardous waste sites identified for investigation or remediation (Comprehensive Environmental Response, Compensation, and Liability Information System – (CERCLIS), State CERCLIS, Voluntary Cleanup Program (VCP), Brownfields, etc.), Leaking Underground Storage Tanks (LUSTs), sites with engineering controls, former CERCLIS (No Further Remedial Action Planned - NFRAP), RCRA and state hazardous waste generators, Environmental Response Notification System (ERNS), Solid Waste/Landfill Facility (SWLF) and Underground Storage Tanks (USTs).

The review of the records satisfies all requirements as set forth in 40 CFR Section 312.26 (b) and (c) with regard to the review of federal, tribal, and state government records of databases of such government records and local government records and databases of such records pertaining to both the subject Site and the nearby or adjoining properties. Further, the search distances for each particular database are as specified in 40 CFR 312.26.

Any known or suspected contaminated sites included on these lists within 0.25 mile of the subject Site are discussed in the following text. As a general rule, sites beyond 0.25 mile are not anticipated to impact a site significantly. Any sites beyond 0.25 mile with a high likely to impact the subject Site are also discussed.

Sites such as Treatment, Storage, and Disposal facilities (TSD), hazardous waste generators, Hazardous Waste Information System (HAZNET), Facility Index Systems (FINDS), Small Quantity Generators (SQGs), Large Quantity Generators (LQGs), USTs, HIST UST, RCRA violations, and Toxic Chemical Release Inventory System (TRIS) facilities with toxic chemical releases (generally in accordance with permitting requirements - into the air, water, or land as reported under SARA Title III) use or store hazardous materials and thus may pose a likely problem in the event of a spill or leak. However, unless these sites also appear in an agency list of contaminated sites, there is no evidence of any problems at this time. Therefore, sites on these lists will not be discussed unless on or in close proximity to the subject Site.

Please refer to **Appendix C** for additional information on these sites.

## Site Listings

According to the EDR report, the subject Site was identified in the ASTM-specified federal, state, and/or local database listings for the following:

**N/A**

300 St Paul Blvd.

Database Records: ERNS

**ERNS:** The subject Site is listed on the emergency response notification system for a mobile fuel truck leak that occurred in June 1995. According to the database report, the approximately 150-gallons of diesel fuel leak was secured and the pollution response team was dispatched to assist with the cleanup. No other information if provided within the database report. Based on the surficial nature of the spill and the cleanup efforts, this listing is considered a historical recognized environmental condition to the subject Site.

### **Roland's Auto Service Center**

300 Saint Paul's Blvd.

Database Records: EDR Hist Auto

**EDR Hist Auto:** This facility was listing in the EDR Historical Auto database as a Gasoline Service Station and General Automotive Repair Shop from 1969 to 2003. Based on the long

use of the property as a gasoline and automotive servicing center, this activity is considered a REC.

#### **Roland's Auto Repair**

42 Downtown Plaza

Database Records: UST, LUST/LTANKS

**UST:** This facility is listed as having one inactive 225-gallon used oil underground storage tank that was closed in the ground. According to the database report, the tank was installed in May 1962 and removed in June 2003. The listing is included on a leaking database indicating a release to the environment occurred at this facility.

**LUST/LTANKS:** This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release reported in May 2003 to the VDEQ and Pollution Complaint Case No. 20035158 was opened. Several environmental investigation and remedial action reports were provided by the VDEQ, and an October 2006 letter from VDEQ reports that contamination levels did not warrant further corrective action and the case was closed. Although historical investigations were conducted and case closure was issued, there was no data regarding petroleum constituents BTEX, MTBE, or naphthalene (common petroleum contaminants). This lack of information pertaining to the subsurface conditions is considered a REC.

#### **Norfolk City – Fire Station 1**

450 Saint Paul Blvd.

Database Records: UST

**UST:** This facility is listed as having one active 10,000-gallon diesel underground storage tank. According to the database report, the fiberglass emergency generator tank was installed in January 2004 and is equipped with an auto gauge, spill and overfill protection, and an automatic shutoff. This listing is not included on a leaking database and does not appear to have negatively impacted the subject Site. The last UST inspection report provided by the VDEQ was conducted in April 2012, which lists the facility as in compliance.

#### **Dry Cleaning of Virginia Beach**

#71 Downtown Plaza 300 St.

Database Records: RCRA NonGen/NLR

**RCRA NonGen/NLR:** This listing does not presently generate hazardous waste. No violations have been reported. According to historical data, the drycleaners occupied the subject Site from at least 1970 to 2003. Based on the long use of the property as a dry cleaning business, this activity is considered a REC.

#### **Amoco #2033 – Tanks**

18 Downtown Plaza

Database Records: RCRA-SQG

**RCRA-SQG:** This facility is listed in the EDR database as a Small Quantity Generator of hazardous wastes under EPA No. VAD988199014. This listing is associated with the materials disposed at the former oil company. According to the database listing and the EPA's Facility Registry Service, no violations are reported for this listing. However, documentation from the VDEQ indicates that five USTs were removed from the property. During the removal of tanks, a release was found and free product discovered in groundwater. Environmental investigations were performed and a Site Characterization of soils, groundwater, and vapor was conducted. Additionally, the USTs registered with the



former occupant, were closed in January 1994 and notes from the VDEQ state that, “all tanks and lines [were] removed.” An August 11, 1994 No Further Action letter from the VDEQ was issued stating that based on the site characterization, UST Closure reports, and site conditions at that time, no further assessment or remediation activity is required. Based on the low levels of residual and dissolved phase petroleum contaminants, this previous release is considered a HREC to the subject Site.

#### **Holiday Foods #405**

418 Saint Paul’s Blvd.

Database Records: UST

**UST:** This facility is listed as having two active underground storage tanks: a 12,000-gallon gasoline tank and an 8,000-gallon gasoline tank, as well as eight inactive USTs. According to the database report, the currently in use steel tanks were installed in December 1996 and are equipped with an auto gauge, spill and overfill protection, and an overfill ball float valve. The eight inactive USTs have been reportedly removed from the ground. Four of the tanks, installed in March 1965, include an 8,000-gallon gasoline, two 6,000-gallon gasoline, and a 550-gallon used oil tank. Four of the tanks, installed in July 1986, include three 10,000-gallon gasoline tanks and a 550-gallon used oil tank. This listing is not included on a leaking database; however, records from the VDEQ indicate a former release occurred at this facility. According to the VDEQ No Further Action Letter, contamination encountered at this facility is related to two previous release investigations under PC 1986-0715 and 2002-5027, which were closed on August 11, 1994 and December 6, 2001, respectively. The letter states that if petroleum contaminated soil and/or groundwater is encountered during future construction, the contained media must be properly treated and disposed of. A review of environmental investigation reports revealed relatively high levels of subsurface contamination. Although VDEQ issued case closure, the contaminant levels documented in the assessment report were above detection limits, which is considered a REC to the subject Site.

#### **Saint Paul’s Texaco**

418 Saint Paul’s Blvd.

Database Records: EDR Hist Auto

**EDR Hist Auto:** This facility was listing in the EDR Historical Auto database as a Gasoline Service Station from 1997 to 2014. Based on the long use of the property as a gasoline and automotive servicing center, this activity is considered a REC.

#### **US Norfolk Redevelopment & HSG AUTH**

NRHA – Tidewater Park 629

NRHA – Tidewater Park VA6-29

450 Walke Street

Database Records: RCRA-SQG, UST, LUST/LTANKS

**RCRA-SQG:** This facility is listed in the EDR database as a Small Quantity Generator of hazardous wastes under EPA No. VA6860000995. This listing is associated with the materials stored and disposed of at the residential complex as part of maintenance requests by tenants. According to the database listing and the EPA’s Facility Registry Service, violations are reported for this listing in September 1992 and the facility achieved compliance in December 1992. No other violations were reported for this facility. Based on available information, this waste generator is not considered an environmental concern to the subject Site.

**UST:** This facility is listed as having four inactive underground storage tanks, two 10,000-gallon heating oil tanks that were removed from the ground, and two 10,000-gallon heating oil tanks that are listed as permanently out of use. According to the database report, the two tanks that have been removed from the ground were installed in November 1965, while the two that are permanently out of use are listed as being installed in November 1990. No removal date is reported in the database report. According to information provided by the VDEQ, in the summer of 1990, several USTs located in the Tidewater Gardens Project were removed. The listing is included on a leaking database indicating a release to the environment occurred at this facility.

**LUST/LTANKS:** This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release reported in October 1990 to the VDEQ and Pollution Complaint Case No. 19910528 was opened. According to the database listing, free product in soils were discovered during the removal of USTs. An Initial Abatement Report provided by the VDEQ discusses three separate occasions where oil and oily water were removed from the excavation. An August 1994 letter from VDEQ reports that contamination levels did not warrant further corrective action and the case was closed. Based on the former release, remedial actions taken, and case closure this facility is considered a HREC.

## Off-Site and Nearby Listings

Off-site facilities listed in the database report were evaluated as to their likelihood to impact the subject Site. The databases included in the EDR report can be grouped into two general categories: databases reporting unauthorized releases of petroleum products or hazardous substances (e.g., LUSTS, ERNS, CERCLIS [a.k.a. Superfund] sites) and databases reporting permitted hazardous materials users and hazardous waste generators, for which a release has not been reported to, and recorded by, the regulatory agency.

According to the EDR report, eight surrounding off-site facilities were identified within 1/8<sup>th</sup>-mile of the subject Site. These listings are as follows:

### **Americomm Direct Marketing VA Inc.**

494 St Paul's Blvd.

Located adjacent to the north of the subject Site

Database Records: RCRA-SQG

**RCRA-SQG:** This facility is listed in the EDR database as a Small Quantity Generator of hazardous wastes under EPA No. VAD988225090. This listing is associated with the printing materials stored and disposed of at the commercial business. According to the database listing and the EPA's Facility Registry Service, no violations have been reported. Based on available information, this waste generator is not considered an environmental concern to the subject Site.

### **Hampton Roads Chamber of Commerce**

485 St Paul's Blvd

Located adjacent to the west of the subject Site

Database Records: LUST/LTANKS

**LUST/LTANKS:** This facility is listed as a leaking underground storage tank / leaking tanks facility based on two releases that were reported in 1998 and November 2000 to the VDEQ and Pollution Complaint Case Nos. 19982353 and 20015055 were opened. A June 1998 letter and July 2018 letter from VDEQ reports that contamination levels did not warrant

further corrective action and the cases were closed. Based on the case closure and estimated down-gradient direction from the subject Site, this facility is not considered an environmental concern to the subject Site.

**Norfolk Schools Admin Bldg. / School Admin Boiler Room**

800 East City Hall Avenue

Located adjacent to the south of the subject Site

Database Records: RCRA-CESQG, UST

**RCRA-CESQG:** This facility is listed in the EDR database as a Conditionally Exempt Small Quantity Generator of hazardous wastes under EPA No. VAD988174181. This listing is associated with the materials stored and disposed of at the administration facility. According to the database listing and the EPA's Facility Registry Service, no violations are reported for this listing. Based on available information, this waste generator is not considered an environmental concern to the subject Site.

**UST:** This facility is listed for one inactive 10,000-gallon heating oil underground storage tank, installed in July 1966. The tank is listed as permanently out of use; however, no removal date is listed. Based on the lack of reported releases to the environment, the tank status, and the facility's location down-gradient of the subject Site, this listing is not considered an environmental concern to the subject Site

**First Baptist Church**

418 E Bute Street

Located ~300 feet north of the Subject Site

Database Records: LUST/LTANKS

**LUST/LTANKS:** This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release that was reported in May 1999 to the VDEQ and Pollution Complaint Case No. 19992389 was opened. According to information presented in EDR's database report, heating oil was found in the basement of the church, possibly seeping through the floor. No additional information was provided within the report. A December 1999 letter from VDEQ reports that contamination levels did not warrant further corrective action and the case was closed. Although this facility is located up-gradient of the subject Site, based on the case closure and distance of this facility from the subject Site, this facility is not considered an environmental concern to the subject Site.

**City of Norfolk Department of Utilities**

310 Cumberland Street

Located ~500 feet southwest of the subject Site

Database Records: UST

**UST:** This facility is listed as having one inactive 1,000-gallon gasoline underground storage tank that was installed in January 1989. According to the database report, the tank was removed from the ground; however, no removal date was listed. This listing is not included on a leaking database and does not appear to have negatively impacted the subject Site.

**US Postal Service**

600 Church Street

Located ~100 feet northeast of the subject Site

Database Records: RCRA-NonGen/NLR, RCRA-CESQG, US AIRS, UST, LUST/LTANKS, SPILLS

**RCRA NonGen/NLR:** This listing does not presently generate hazardous waste. No violations have been reported

**RCRA-CESQG:** This facility is listed as a Conditionally Exempt Small Quantity Generator of hazardous wastes under EPA No. VA2180090027. This listing is associated with the materials stored and disposed of at the facility. According to the database listing and the EPA's Facility Registry Service, no violations are reported for this listing. Based on available information, this waste generator is not considered an environmental concern to the subject Site.

**US AIRS:** This facility is listed on the US Aromatic Information Retrieval System database due to the state implementation plan for National Primary and Secondary ambient air quality standards and stratospheric ozone protection. The AIRS is an information management system, which is the national repository for data about airborne pollution in the US. According to information within the database report, the facility has received violations in the past relating to lack of compliance for state air standards. Based on the lack of a release to the environment and distance of this facility from the subject Site, this facility is not considered an environmental concern to the subject Site.

**UST:** This facility is listed as having seven active underground storage tanks: two 10,000-gallon diesel tanks, a 10,000-gallon gasoline tank, 2,500-gallon motor oil tank, an approximately 1,200-gallon hydraulic oil tank, a 1,000-gallon used oil tank, and a 750-gallon hydraulic oil tank, as well as eleven inactive USTs. According to the database report, the currently in use double-walled fiberglass tanks were installed in September 1991 and are equipped with an auto gauge, spill and overfill protection, and overfill automatic shutoff. The eleven inactive USTs have been reportedly removed from the ground. All eleven inactive tanks are listed as being installed in April 1982 and include the following: four 5,000-gallon gasoline tanks, two 5,000-diesel tanks, a 1,000-gallon lube oil tank, two 550-gallon motor oil tanks, and two 500-gallon used oil tanks. This listing is included on a leaking database indicating a release to the environment.

**LUST/LTANKS:** This facility is listed as a leaking underground storage tank / leaking tanks and spills facility based on 2 releases that were reported in February 1990 and February 2006 to the VDEQ and Pollution Complaint Case Nos. 19901020 and 20065105 were opened. Additionally, a spill (mercury) that occurred in August 2018 was reported and given reference number 2019-T-0852. According to information presented in EDR's database report, the 1990 release was caused by a UST failing a November 1989 tank tightness test. Corrections were made and the case was closed by VDEQ in August 1994. The database states a release occurred 2006 related to leaking underground hydraulic lifts. A January 2008 letter from VDEQ reports that contamination levels did not warrant further corrective action and the case was closed. According to the database report, the mercury spills case was the result of a metal container with a hazmat placard being moved via forklift instead of being moved by hand. This caused a release of less than one gallon of mercury from the package cleanup area. The report indicates that the situation was secured and cleanup contractor was notified; however, the case is still listed as being open. Based on the case closures for the 1990 and 2006 releases, the isolated nature of the mercury release, and distance of this facility from the subject Site, this facility is not considered an environmental concern to the subject Site.

### **Freemason Street Baptist Church**

400 E Freemason Street

Located ~500 feet west of the subject Site

Database Records: LUST/LTANKS

**LUST/LTANKS:** This facility is listed as a leaking underground storage tank / leaking tanks facility based on a release that was reported in November 2007 to the VDEQ and Pollution Complaint Case No. 20085044 was opened. According to information presented in EDR's database report, a release was reported; however, no specific media impacted was identified. A January 2012 letter from VDEQ reports that contamination levels did not warrant further corrective action and the case was closed. Based on the case closure and distance of this facility from the subject Site, this facility is not considered an environmental concern to the subject Site.

### **Norfolk Fire Station**

540 E City Hall Avenue

Located ~700 feet southwest of the subject Site

Database Records: UST

**UST:** This facility is listed as having one inactive 10,000-gallon diesel underground storage tank that was removed from the ground. According to the database report, the tank was installed in August 1975. No removal date is indicated on the report. This listing is not included on a leaking database and does not appear to have negatively impacted the subject Site.

## **Vapor Encroachment Condition**

The off-site properties identified in the regulatory database search that involved releases of hazardous substances or petroleum products (i.e., leaking USTs and surface spill cases) have achieved a closed status, given the remedial actions completed or based on the localized nature of the impacts. Based on the information obtained for this Phase I ESA, the potential for impacts from off-site sources is considered to be low, and the off-site sources do not represent a potential vapor encroachment condition (VEC) to the subject Site.

## **Unmapped or Orphan Sites**

The EDR Radius Map Report with GeoCheck identified 21 unmapped orphan sites within proximity to the subject Site. Unmapped sites cannot be plotted due to inaccurate or incomplete addresses. Based on the information presented in the Orphan Detail report, these unmapped facilities are located over ¼-mile from the subject Site. The unmapped sites are listed on the Institutional and Engineering Controls, VCP, UST, and LUST/LTANKS databases. Based on distance, these unmapped sites are not considered RECs to the subject Site.

## **6 SITE HISTORY**

In accordance with ASTM E1527 and the AAI rule, numerous reasonably ascertainable standard historical information references were reviewed, and an attempt was made to interpret the historical subject Site and vicinity land use back to the obvious first developed use of the subject Site.

The following table summarizes the historical resources reviewed as part of this Phase I ESA:

Reference	Source	Years Available
Aerial Photographs	EDR Aerial Photo Decade Package, 02/19/19	1954, 1959, 1961, 1963, 1970, 1982, 1994, 2005, 2009, 2012, and 2016
	Google Earth	1964, 1968, 1987, 1990, 2002 – 2008, 2010, 2011, 2014, 2015, 2016, and 2018
Topographic Maps	EDR Historical Topographic Map Report, 02/19/19	1902, 1907, 1921, 1944, 1948, 1955, 1965, 1970, 1973, 1980, 1986, 1994, and 2013
Sanborn Maps	EDR Certified Sanborn Map Report, 02/19/19	1887, 1898, 1910, 1928, 1950, and 1970
City Directories	EDR City Directory Abstract, 02/23/19	1964, 1966, 1971, 1976, 1981, 1986, 1992, 1995, 2000, 2005, 2010, and 2014

Based on these reference materials, the following table presents a chronology of the subject Site and surrounding area. Copies of historical reference materials are included in **Appendix D**.

Year	Description	Source(s)
1887 - 1910	The subject Site is developed with several roadways, numerous dwellings, and commercial entities. Four roadways occupied the subject Site, including Church Street and Fenchurch Street that ran north/south, E. Charlotte Street and Mariner Street that ran east/west. The commercial entities were primarily located along Church Street and included, but were not limited to, a horse feed and stable, drug stores, livery and boarding, furniture stores, and a	Sanborn and Topographic Maps

Year	Description	Source(s)
	church. The remaining areas of the subject Site were occupied by dwellings.	
1928 - 1950	The subject Site is developed with several roadways, numerous dwellings, and commercial entities. The general layout and occupancy was consistent with previous year's description with the exception of an additional road, E. Freemason that ran east/west. This additional roadway was illustrated in the southern portion of the property, north of Mariner Street.	Aerials, Sanborn, and Topographic Maps
1964 - 1987	The subject Site has been completely redeveloped as a single block with only one roadway bisecting the property, Fenchurch Street that is located in the eastern portion of the property and runs north/south. Six separate commercial structures were located on-site, two of which had several units associated with the building (i.e., strip mall construction). The 1970 Sanborn map is labeled "Downtown Plaza Shopping Center" and stores included a bank, auto repair, a gasoline station, furniture store, and dry cleaners. Portions of what appear to be residential houses are included on-site in the eastern portion of the property, east of Fenchurch Street.	Aerials, Sanborn, and Topographic Maps
1990 - 2001	The subject Site is developed, similar to the previous year's description with the addition of two structures, one located in the northern portion of the site, and the other located along the western portion of the site.	Aerials and Topographic Maps
2002 - 2005	The subject Site is developed, similar to the previous year's description with the exception of the northwest corner, which has been redeveloped with two structures, one of which appears consistent with the present day Fire Station.	Aerials and Topographic Maps
2006 - 2014	The two buildings that formerly occupied the north central and northeastern portion of the site have been demolished. Additionally, sometime between 2006 and 2007, the strip shopping center was also demolished. These areas were converted into parking lots.	Aerials and Topographic Maps
2015 - 2019	The subject Site is developed, primarily along the western property boundary with six structures. Paved parking lots, portions of the Tidewater Gardens dwellings, and a vacant lot, occupy the remaining areas of the property. The structures include a Popeye's, McDonalds, Shell gasoline station and associated canopy, bus terminal shelters, and the Fire Station.	Aerials and Topographic Maps

## Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps assist in the identification of historical land use and commonly illustrate the existence and location of aboveground and underground storage tanks, structures, improvements, and facility operations. Sanborn maps were reported to be available for the subject Site for 1887, 1898, 1910, 1928, 1950, and 1970. A copy of the Sanborn maps is included in **Appendix D**.

The reviewed Sanborn maps illustrate the subject Site as developed. From some time prior to 1887 to around 1950, the subject Site was highly developed with several roadways, numerous dwellings, and commercial entities. Roadways that occupied the subject Site included Church Street and Fenchurch Street that ran north/south, E. Charlotte Street, Mariner Street, and E. Freemason that ran east/west. The commercial entities were primarily located along Church Street and included, but were not limited to, a horse feed and stable, drug stores, livery and boarding, furniture stores, and a church. The remaining areas of the subject Site were occupied by dwellings. Sometime after the 1950s, but before 1970, the subject Site was reconfigured and redeveloped, illustrating a single block that included Fenchurch Street located in the eastern portion of the property (north/south) and six separate commercial structures. Two of the structures had several units associated with the building (i.e., strip mall construction). On the 1970 Sanborn map, "Downtown Plaza Shopping Center" labeled the subject Site, and stores included a bank, auto repair, gasoline station, furniture store, and dry cleaners. Portions of what appeared to be residential units were included on-site in the eastern portion of the property, east of Fenchurch Street.

### City Directories

A city directory search was conducted by EDR from the first available directory to the present. The EDR City Directory search provided records for the following years: 1964, 1966, 1971, 1976, 1981, 1986, 1992, 1995, 2000, 2005, 2010, and 2014. The Downtown Plaza Shopping Center was listed in the 1992-2010 City Directory. The following records were provided for the subject Site:

Yea	Address	Name
1964	450 Walke Street	Tidewater Park Rental Office
	Downtown Plaza Shopping Center	VA National Bank, Sunlight One Hour Cleaning, Sunlight One Hour Cleaning, People's Drug Store No240, and other retail stores
	317 Chapel Street	Saint Mary's Convent



Yea	Address	Name
1971, 1966	450 Walke Street	Tidewater Park Rental Office Norfolk Redevelopment and Housing Authority
	Downtown Plaza Shopping Center	Western Auto Supply Co., Sunlight One Hour Cleaning, People's Drug Stores Inc., and other retail stores
	317 Chapel Street	Saint Mary's Convent Saint Mary's Infant Home
1981, 1976	450 Walke Street	Tidewater Park Rental Office Norfolk Redevelopment and Housing Authority
	Downtown Plaza Shopping Center	Western Auto Supply Co., Sunlight Fabric Services, People's Drug Stores Inc., Downtown Plaza American Gas Station, and other retail stores
	317 Chapel Street	Saint Mary's Infant Home
1995, 1992, 1986	450 Walke Street	Tidewater Park Rental Office Norfolk Redevelopment and Housing Authority
	Downtown Plaza Shopping Center	Roland's Auto Service Center, Albano Cleaners, People's Drug Stores Inc. No240, Downtown Plaza Amoco, and other retail stores
	317 Chapel Street	Saint Mary's Infant Home
2005, 2000	Downtown Plaza Shopping Center	Roland's Auto Service Center Hortenses Barber Salon
	317 Chapel Street	Pride in Parenting

Yea	Address	Name
2010	Downtown Plaza Shopping Center	Pine Chest LLC
	317 Chapel Street	Pride in Parenting
2014	300 St Paul's	Polyos Enterprises Inc. Saratoga Food group
	418 St Paul's	Saint Paul's Texaco

Surrounding properties consisted of residential and commercial facilities. A copy of the city directory search for the Site address is presented in **Appendix D**.

### Historical Use Summary of Site

The earliest historical record (topographic map from 1887) depicts the subject Site as developed, occupied by numerous roadways, commercial entities, and dwellings. After the 1950s, but before 1970, the subject Site was reconfigured and redeveloped into a single block with commercial structures that included a gasoline service station, auto repair facility, and dry cleaners. By 2008, the subject Site configuration is consistent with present day visual observations made during the subject Site reconnaissance. Based on the historical uses of the property as a gasoline station, auto repair facility, and dry cleaners, the subject Site represents a REC.

The surrounding areas were largely developed with residential and commercial properties. Additional development of multi-family residences and commercial properties has occurred throughout the years in the immediate surrounding area.

## 7 SITE RECONNAISSANCE

On April 4, 2019, Ms. Alexis Holcomb of SCS conducted a visual reconnaissance of the subject Site and surrounding properties. The weather was sunny and Mr. Kyle Spencer with the City of Norfolk accompanied SCS, during the subject Site reconnaissance. A map of the subject Site depicting relevant features is provided in **Appendix A**. Due to the Site size and various entities, the property was split into categories evident on **Figure 2** in **Appendix A**. The following descriptions of Site features follows this layout. Site photographs taken during SCS' reconnaissance are included in **Appendix B**.

SCS obtained access to the subject Site via Mariner Street, which adjoins the subject Site to the south from St. Paul's Boulevard. Access can also be obtained from farther north on St. Paul's Boulevard, from Wood Street in the north, and Fenchurch Street on the west. Several roadways bisect the subject Site and allow for vehicle access. The subject Site is currently occupied, with five buildings and portions of six buildings. Additionally, several addresses are associated with the subject Site and have been categorized by such.

- I. 300 St Paul's Boulevard
  - a. Popeye's Fast Food Restaurant
  - b. McDonalds Fast Food Restaurant
  - c. Shell Gasoline Station
  - d. City of Norfolk Parking

- II. 501 Wood Street
  - e. Hampton Roads Transportation Bus Terminal
- III. 450 St Paul's Boulevard
  - f. Norfolk Fire Station No. 1
- IV. 450 Posey Lane
  - g. City of Norfolk Parking
- V. 450 Walke Street
  - h. Tidewater Gardens Residences
- VI. 317 Chapel Street
  - i. Vacant Lot
- VII. 830 Holt Street
  - i. Vacant Lot
- VIII. 201 Chapel Street
  - i. Vacant Lot

I.A. Popeye's:

The 1-story building is reportedly 2,455 square foot and was built in 2000. There are numbered reserved parking spaces for customers, while the remaining paved parking spaces are metered. The drive through on the building is located on the south side, as is the restaurant's grease trap. The grease trap is kept within a fenced area, along with two 55-gallon metal drums, and a gas cylinder for the drink machine. Just outside of this fenced area and within, there is widespread staining associated with used cooking grease. Additionally, a milky-white liquid substance was observed outside the fenced grease-trap, pooled along a curb. There were no odors from the pooled liquid, nor did there appear to be soapy residue. The contents of the pooled liquid is unknown. The grease staining and milk-white pooled substance are considered de minimis conditions. The restaurant's trash dumpster is located in the northeastern portion of the property within a fence, which was open at the time of assessment. Areas of this property not occupied by the building or paved parking consist of general landscaped areas.

The interior of the restaurant has a general seating area for customers, as well as an area for customers to fill their drinks, collect napkins, and other eating accessories. There are two restroom facilities that are kept locked, as well as a faux vault. A key kept at the ordering counter for paying customers can access the restrooms. Behind the ordering counter is the kitchen area with ovens, fryers, food prep space, refrigerators, drink dispenser system, dishwashing, and other restaurant needs. The kitchen area was kept in good condition with only one accessible floor drain near the fryers. According to employees, only water is poured down the drain.

I.B. McDonalds

The 1-story building is reportedly 4,487 square feet and was built in 1989. There are numbered reserved parking spaces for customers, while the remaining paved parking spaces are metered. The drive through on the building is located on the south side, as is a pad-mounted electrical transformer with a non-PCB placard. Further south of the building is the restaurant's trash dumpster, which is kept within a locked fenced and brick area. No grease trap was observed on the outside of the building, nor was any staining visible. Areas of this property not occupied by the building or paved parking consist of general landscaped areas.

The interior of the building was not walked due to the sheer volume of customers throughout SCS' site reconnaissance. Interior spaces were visually observed through glass windows. The restaurant has a general seating area for customers, as well as an area for customers to collect eating accessories. The ordering counter and kitchen area are located on the south side of the building. As

this is a fast food restaurant, general workings and contents of the kitchen area are presumed similar to the Popeye's.

#### I.C. Shells Gasoline Station

The 1-story convenience building is reportedly 1,920 square feet and was built in 1986. There is also an open canopy for the six fueling stations associated with the gasoline station. Areas under the canopy are concrete, as is the UST area. According to the store manager, Ms. Kim Smith, there are two gasoline USTs on-site, a 12,000-gallon for regular gasoline and an 8,000-gallon for premium gasoline. The pump lines are located just south of the building, north of the UST area. Ms. Smith also indicated that there are emergency shut off valves associated with the tanks. Although she did not know the specifics of the last inspection or the occurrence, she stated that other personnel conduct regular inspections of the tanks. Minor amounts of surficial staining was observed around the six pump stations, which is considered a de minimis condition. The facility's trash dumpster is located within a locked chain-link fence on the eastern side of the building. A yard hydrant was also observed in the northern portion of this property, within general landscaped areas. The purpose of the water hydrant is unknown.

The interior of the building has refrigeration units and store racks for merchandise products, as well as an ATM machine, and cashiers area. Employees keep the cashier's area locked with a key-code entry only. This area consisted of two cashier's stations, restroom facilities, and an office. Several 1-gallon or less chemicals, such as automotive fluid, are sold at the convenience store. No signs of leaks or spills were observed.

#### I.D. City of Norfolk Parking

Several signs are located at the entrances to these parking areas. The signs read, "The City of Norfolk Division of Parking St Paul's Lot #42 Restricted School Administration Building Decal Controlled Towing Enforced." The parking lot is paved and has parking lights throughout the lot. Trash bins are also located throughout the lot. General landscaping is around the perimeter of the lot.

#### II.E. Hampton Roads Transportation Bus Terminal

The 1-story building is reportedly 3,108 square feet and was built in 2016. The bus terminal has drop off and pick up areas on either side of the building with sidewalks and benches located throughout the terminal. The property consists of paved roadways for the buses, as well as a parking lot of HRT employees. The facility is fenced on the south and north sides of the bus terminal, as well as to the west of the employee parking lot. A trash dumpster is located in the southwestern portion of the employee parking lot and several trash bins are located throughout the area. Areas of the property not occupied by the building or paved lot consist of general landscaped areas. Within a landscaped area in the northwestern portion of the property are two electrical units, one of which is a pad-mounted transformer with a Non-PCB placard. The property is also light be parking and walkway lights.

The interior of the building consists of a general public waiting lobby, ticketing machine, vending machines, an information center, and two restrooms that are kept magnetically locked by the information desk clerk. The information center is round enclosed by glass, with small holes for communication between customers. Access to the employee area is through a locked key-card entry door. Employee only areas of the building consist of a hallway, storage closet, restroom, and a break room. The storage closet has a bolted ladder that provides access to the lofted ceilings for vent/duct work and roof access. The remaining portions of the building is canopied for covered shelter for waiting customers.

### III.F. Norfolk Fire Station No. 1

The 2-story cinder block and brick building is reportedly 26,112 square feet and was built in 1996. Access to the fire station is located on the north side of the building and the doors are kept locked. A doorbell is used to gain entry into the building. The Fire Chief's assistance escorted SCS and Mr. Spencer around the facility. There are four garage bays used to park the fire engines, ambulance, trucks, and other vehicles. The garage bays have linear floor drains located on either side of the parking space, which do not drain to the municipal water system in case of a vehicle fuel leak or other chemical spill. A trailer with 10 50-gallon drums of fire retardant foam is stored within the garage bays. The drums are full, capped, labeled, and kept in the upright position. Additionally, two 50-gallon drums labeled as containing diesel exhaust fluid are stored in the garage bays, used as a mixing agent for the fire diesel engines. The sprinkler room and elevator room are also through the garage bays, as in entry into the main building. The elevator room has one hydraulic lift, which appeared to have leaked with a minor stain present on the concrete floor. A drip basin was being used to catch leaking fuel while the station waiting for servicing. SCS was informed that the maintenance company was contacted to fix the leak. Behind the building on the south side is the buildings water system, office trailer (not in use), 13 trash bins, the emergency generator, chemical storage locker, three 50-gallon drums, and two large tires. The 10,000-gallon diesel emergency generator was within secondary containment. Approximately six 1 to 5-gallon gasoline containers were stored within the chemical storage locker. Three drums of additional fire retardant foam were stored in this area. No signs of leaks or spills were evident.

The interior of the building consisted of equipment storage and maintenance, workout rooms, laundry room, offices, utility rooms, an elevator, stairs, sleeping quarters, break room and kitchen, and locker rooms. Each space of the building was visually assessed and no signs of environmental concern were noted. Additionally, two firefighter's poles were located on either side of the building for quick access into the garage bays for emergency calls.

### IV.G. City of Norfolk Parking

Several City of Norfolk towing enforced signs are located at the entrances to this parking area. The parking lot is reserved for bus parking and HRT employee parking. The lot is paved and has parking lights throughout the lot. Trash bins are also located throughout the lot. General landscaping is around the perimeter of the lot.

### V.H. Tidewater Gardens Residences

A portion of six residential units associated with Tidewater Gardens is located along the eastern portion of the subject Site. These units are currently occupied and the interior of the buildings were not physically assessed. SCS did not observe any distressed vegetation or other conditions indicative of environmental contamination (e.g., drum rings, metal stick-up pipes, etc.) on the exterior of the on-site units that would indicate an issue with the interior spaces. The Norfolk Redevelopment and Housing Authority, owner of Tidewater Gardens, provided access to a representative space addressed as 451 and 461 Walke Street. The first unit was unoccupied, while the second was used as the Tidewater Gardens leasing office. Each unit has a living space, kitchen area and storage, between one and four bedrooms, and between one and two bathrooms. The units SCS assessed were both 2-story buildings.

### VI. VII. VIII. I. Vacant Lot

Residents of Tidewater Gardens and the public currently use the vacant gravel lot for parking. There are no parking spaces or indications of pavement. The dirt lot has trees around the perimeter.

General Site Conditions:

No surface water bodies were observed on-site. One area of pooled liquid (rainwater) was observed outside the Popeye’s restaurant. The subject Site is relatively flat with grading towards storm drains located throughout the property and along the perimeter roadways. Surface water flows from higher elevations to lower and generally is directed to storm drains.

A business environmental risk (BER) was identified on the subject Site during the site reconnaissance pertaining to the Shell gasoline station’s USTs and the Norfolk Fire Department’s emergency generator UST. De minimis conditions were observed during the site reconnaissance pertaining to surficial staining and the observed milky-white pooled liquid.

The following table summarizes information in connection with the subject Site:

<b>Parcel Number</b>	1437163471, 1437161984, 1437166990, 1437164911, 1437245994, 1437156903, 1437155832, 1437155619
<b>Area</b>	Approximately 17 acres
<b>Site Land Use</b>	Commercial with portions in the east used for residential
<b>Occupants</b>	Commercial business employees, City employees, general public
<b>Number of Buildings</b>	Five buildings and portions of six buildings
<b>Site Grounds</b>	Two fast food restaurants, gasoline service station, bus terminal, fire station, and parking areas. Portions of residential units and a vacant lot.
<b>Electricity</b>	Dominion VA Power
<b>Source of Heating and Cooling</b>	HVAC, forced air
<b>High-Power Transmission Lines</b>	None observed
<b>Potable Water Source</b>	Municipal City of Norfolk
<b>Sanitary Wastewater</b>	Hampton Roads Sanitation Division

A summary of uses and conditions of the subject Site consistent with the ASTM E1527-13 standard practice is provided below. For each of the uses or conditions identified at the subject Site, detailed information is discussed in the 'Notes' column.

Likely Environmental Concern	Observed	Not Observed	Notes
Hazardous Substances in Connection with the Site Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Evidence of hazardous substances were observed in connection to the subject Site pertaining to chemicals stored within the Fire Station. Hazardous substances were stored properly and in good condition.
Petroleum Products in Connection with the Site Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Evidence of petroleum products were observed in connection to the subject Site pertaining to the Shell gas station and the diesel emergency generator at the Fire Station. Hydraulic fluid associated with the elevator within the Fire Station was leaking. There is a drip pan to catch leaking fluid while the station awaits maintenance.
Aboveground and Underground Storage Tanks (USTs)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Two USTs in connection with the subject Site were observed associated with the gas station.
Suspect Containers Not in Connection with Site Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No suspect containers not in connection with the Site use were observed in connection with the subject Site.
Electrical or Mechanical Equipment Likely to Contain PCBs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence of electrical or mechanical equipment likely to contain PCBs in connection with the subject Site was observed. Two pad-mounted electrical transformers were observed on-site, but were affixed with Non-PCB placards.
Exterior or Interior Stains or Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	An area of staining was observed outside the Popeye's near their grease trap. Areas of staining were observed on the concrete of the six pump stations of the gas station. A relatively small area of staining associated with the Fire station elevator hydraulic fluid was observed. The staining is not considered an environmental concern, but de minimis.

Likely Environmental Concern	Observed	Not Observed	Notes
Drywells, Drains or Sumps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No drywells or sumps were observed in connection with the subject Site. However, the interior of the buildings were observed to have floor drains. No spills, leaks, or staining was observed near the floor drains.
Process Wastewater Discharges	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence was observed of the generation of process wastewater or related discharges on the subject Site.
Septic or Sewage Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence of septic or sewage tanks was observed in connection with the subject Site.
Pits, Ponds or Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence was observed on the subject Site of associated pits, ponds or lagoons.
Pools of Liquid or Standing Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A small pool of milk-white liquid was observed on the subject Site outside the Popeye's. The substance did not have any odors and was pooled on asphalt pavement. The pooled liquid is not considered an environmental concern.
Solid Waste Dumping, Landfills or Suspected Fill Material	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No solid waste dumping, landfill, or suspected fill material was observed in connection with the subject Site.
Pesticide and Herbicide Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence was observed of pesticide or herbicide management on the subject Site.
Stained Soil, Leaking Pipes and Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No stained soil in connection with the subject Site was observed. Leaking pipes or equipment associated with the Fire station's hydraulic elevator was observed. A drip pan was placed under the leak while the facility awaits maintenance. The leak is on concrete floors, with no floor drains within the room, and no access to the environment. The leak is not considered an environmental concern.



Likely Environmental Concern	Observed	Not Observed	Notes
Stressed Vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No stressed vegetation was observed on the subject Site.
Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	At least three lawn hydrants were observed in connection with the subject Site located in landscaped areas between the bus terminal and the Shell gas station.
Air Emissions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious signs or evidence of any unusual or noxious odors was noted during SCS' onsite reconnaissance.
General Housekeeping Concerns	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No general housekeeping concerns associated with the subject Site.
Other Uses or Conditions of Concern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None.

Recognized environmental conditions were observed during the site reconnaissance in connection with the subject Site and use. The property is used as a gas station that has two USTs associated with the fueling operation. Although the facility is currently in compliance according to documentation provided by the VDEQ, previous leaks have occurred that suggest residual contamination in the subsurface.

### Adjoining Property Use

The following table summarizes land use and observations in the immediate vicinity of the subject Site. For the purpose of this Phase I ESA, the immediate subject Site vicinity includes those properties interpreted to be adjoining to the subject Site.

Direction	Land Use	Comments
North	Wood Street. Farther north is residential properties.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
East	Tidewater Gardens residences and a vacant lot.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
South	Market Street. Farther south is the City of Norfolk Education Administrative building (commercial).	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.

Direction	Land Use	Comments
West	St Paul's Boulevard. Further west are residential and commercial properties.	No evidence or obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.

## 8 INTERVIEWS

Section 10.5 of the ASTM Standard E1527-13 requires that the User identify an owner, occupant, or key site manager for interviewing as a part of the due diligence investigation. During the site reconnaissance, SCS and Mr. Spencer spoke with the building managers. Several managers were unwilling to provide their names. During the site reconnaissance, SCS interviewed the managers briefly regarding the day-to-day operations at their respective business. Contents of the interviews have been documented throughout this report.

Specifically, the manager of the Shell gasoline station provided the size and contents of the USTs located on the property and indicated that she was unaware of any current leaks or spills. She stated that another party hired by the owners conducted regular inspections of the UST system and she was not aware of any non-compliance issues.

The Fire Chief's assistance escorted SCS and Mr. Spencer through the fire departments building and highlighted the emergency generator UST, diesel exhaust fuel, fire suppressant foam, and other potentially hazardous substances stored on-site. SCS was granted access to all areas of the building during the tour and the assistant indicated they were not aware of any non-compliance issues with regulatory authorities. He did point out the elevator room leak and stated that elevator maintenance had been contacted and the facility was awaiting repairs. No other leaks, spills, or indications of environmental issues were observed.

HRT personnel escorted SCS through their employee-only break room area, restroom, and utility closet. Within the closet a ladder to the second level was observed, but was not visually assessed due to safety concerns of climbing the ladder and other stored items within the storage closet blocking the ladder. HRT personnel indicated that this space was open mechanical space, like a plenum, and provided access to the building's roof.

## 9 FINDINGS

The findings of this Phase I ESA are presented below.

- The subject Site encompasses approximately 17 acres of land, and is developed with five structures and the portions of six structures. The buildings consist of a Popeye's, McDonalds, Shell gas station, HRT bus terminal, Norfolk Fire Station No. 1, and six portions of the Tidewater Gardens residential units. Areas of the property not occupied by building consist of paved parking areas, general landscaping, and a vacant lot. No water bodies are located on-site. The interior of the six residential structures partially located on the Site were not accessed, as the units were occupied. Additionally, the interior of the McDonalds was not walked due to the sheer volume of customers throughout the facility. SCS was able to view portions of the interior of this space through glass windows.
- Small areas of staining were observed outside the Popeye's, at the pumping stations of the gas station, and within the elevator room of the Fire Station. Additionally, an area of pooled milk-white liquid was observed near the Popeye's grease trap. The substance did not have an odor and was pooled on asphalt pavement. The Popeye's stain was located on the south side of the building within their grease trap fence and appeared to be used cooking grease. The gasoline stains associated with the pump stations of the Shell gas station were within concrete and did not appear to be recent. The hydraulic fluid leak within the elevator room had a drip pan underneath the leak and SCS was informed that elevator maintenance had been contacted. The relatively small areas of surficial staining and pooled liquid are considered de minimis conditions.
- Hazardous material was observed on-site associated with stored chemicals used at the Fire Station. The chemicals were kept within locked rooms, were observed to be capped and labeled, and appeared to be in good condition.
- Two USTs were observed in association with the Shell gas station. According to the store manager, Ms. Kim Smith, the tanks are a 12,000-gallon regular gasoline and an 8,000-gallon premium gasoline. No leaks are currently associated with the tanks, and according to regulatory records, the tanks are in compliance. However, the presence of USTs and threat of a future release pose a business environmental risk.
- The subject Site is listed in the following databases: RCRA-NonGen (Dry Cleaners of Virginia Beach), RCRA-SQG (Amoco #2033 and Tidewater Park), UST (Roland's Auto Repair, Norfolk Fire Station No. 1, Holiday Foods #405 – Shell Gasoline, and Tidewater Park), LUST/LTANKS (Roland's Auto Repair and Tidewater Park), ERNS (300 St Paul's Blvd.), and EDR Hist. Auto (St. Paul's Texaco, Roland's Auto Repair). With the exception of the Norfolk Fire Station No. 1, Holiday Foods/Shell, and Tidewater Park, the facilities listed are no longer on-site (i.e., Roland's Auto Service and Repair, Amoco #2033, St. Paul's Texaco, and Dry Cleaners of Virginia). Currently occupying the subject Site are the Norfolk Fire Station No. 1 (one UST emergency generator), Holiday Foods #403/Shell (two USTs for fueling), and Tidewater Park (RCRA-SQG, UST, and LUST). The database listings associated with leaks have been issued case closures, although residual levels of contamination exist in the subsurface. The Fire Station UST listing is for a 10,000-gallon emergency generator, not associated with any former or current leaks. The Shell gasoline station UST listing is for two tanks, 12,000-gallon and 8,000-gallon gasoline, associated with the fueling station. This listing is also not associated with any former or current leaks.

- The earliest historical record (topographic map from 1887) depicts the subject Site as developed, occupied by numerous roadways, commercial entities, and dwellings. After the 1950s, but before 1970, the subject Site was reconfigured and redeveloped into a single block with commercial structures that included a gasoline service station, auto repair facility, and dry cleaners. By 2008, the subject Site configuration is consistent with present day visual observations made during the subject Site reconnaissance. Based on the historic uses of the property as a gasoline station, auto repair facility, and dry cleaners, the subject Site represents an environmental concern.

## Limiting Conditions

The following limiting conditions were experienced in completion of the Phase I ESA.

- The interior of the McDonalds restaurant was assessed through glass windows from the outside due to the sheer volume of customers throughout the facility during the site visit. The Tidewater Gardens units that are a part of the subject Site were not accessible as these units were occupied and NRHA did not provide access to these units.

## Data Gaps

A data gap represents an inability on the part of the environmental professional to obtain information required by the standards and practices of 40 CFR 312 to fully identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the site.

- Historical data gaps were identified during the preparation of this report. Historical records dating back to the subject Site's first developed use were not readily available. The oldest historical records was a topographic map from 1887, which illustrated the subject Site as developed. Although this represents a data gap, based on the reasonably ascertainable information obtained from the site reconnaissance and data reviewed detailing consistent developed site use, it is unlikely that additional historical site use information would materially alter the findings of this report. This data gap is not considered significant.
- The subject Site was listed on the Emergency Response Notification System (ERNS) (discussed in more detail in Section 5) for a mobile fuel truck leak in June 1995 that spilled approximately 150-gallons of diesel fuel. According to information within the database report, the leak was secured and the pollution response team was dispatched. No other information was provided. The lack of additional information pertaining to release investigation and/or remedial actions is considered a data gap. This data gap is not considered significant.

It is our opinion that these data gaps are insignificant with respect to our conclusions.

## 10 CONCLUSIONS

SCS has performed a Phase I Environmental Site Assessment for real property, encompassing approximately 17 acres of property located at 1140 E. Princess Anne Road in Norfolk, Virginia in conformance with the scope and limitations of 40 CFR 312 and ASTM 1527-13.

### Recognized Environmental Conditions (RECs)

- Historical sources indicate that the Property contained an automotive repair facility (Roland's Auto Service Center) and dry cleaners (Dry Cleaning of Virginia Beach) for over 30 years (1970 to 2006). The long-term use of the property for these services indicates a potential for subsurface contamination.
- Historical information sources indicate multiple UST use on the subject Site from at least 1970 to the present, including Roland's Auto Service Center, Amoco, Holiday Foods/Texaco, and Shell gasoline station. The long-term use of USTs at the site is considered an environmental concern and a REC.

### Historical Recognized Environmental Conditions:

- An Emergency Response Notification from 1995 for a surficial spill of approximately 150-gallons of diesel fuel is considered a HREC. According to the EDR database report, the spill was reportedly contained and cleaned up. However, information concerning the investigation and remedial actions was not obtained, which is considered a data gap.
- The former Amoco #2033 – Tanks database listing. Information obtained from the VDEQ indicated a release resulting from UST use at this former facility. Free product was found in the groundwater. Environmental investigations were performed, including the removal of USTs and associated lines. Residual and dissolved phase petroleum contaminant levels were relatively low and the VDEQ issued a no further action letter in August 1994. The former release and resulting environmental investigations performed, including the closure of the case, is considered a HREC to the subject Site.
- A former leaking tank associated with the NRHA – Tidewater Park database listing. Free product in soils were discovered during the removal of USTs. Environmental investigation reports were obtained from the VDEQ, which summarize abatement measures taken. Based on these reports and low levels of subsurface contamination, the VDEQ issued a no further action letter in August 1994. The former release, resulting environmental investigations and remedial actions, and case closure from VDEQ is considered a HREC to the subject Site.

### Business Environmental Risks:

- The use of the subject Site as a gasoline service station with two USTs on-site (Shell gasoline station) and the use of an emergency generator UST at the Norfolk Fire Station No. 1.
- The relatively long-term use of the property as an automotive repair facility and a drycleaners, as well as numerous USTs being used on-site and the resulting subsurface contamination.

Vapor Encroachment Condition:

- Based on the information obtained for this Phase I ESA, the potential for impacts from off-site sources is considered to be low, and the off-site sources do not represent a potential vapor encroachment condition (VEC) to the subject Site.

## 11 REFERENCES

ASTM, Standard E 1527-13, *Standard Practice for Phase I Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

Environmental Data Resources, Inc., *Radius Map Report with GeoCheck®*, February 20, 2019.

Environmental Data Resources, Inc. *Certified Sanborn Map Report*, February 19, 2019.

Environmental Data Resources, Inc. *Historical Topographic Map Report*, February 19, 2019.

Environmental Data Resources, Inc. *Aerial Photographs Decade Package*, February 19, 2019.

Environmental Data Resources, Inc. *City Directory Image Report*, February 23, 2018.

## 12 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This Phase I Environmental Site Assessment report was prepared by or under the supervision of the following professionals:

**Alexis Holcomb – Project Professional** Ms. Holcomb is a Project Professional with SCS's Environmental Services division, and provides environmental support for projects performed out of SCS's Virginia Beach, VA office. Ms. Holcomb has six years of environmental experience, including Phase I ESAs.

**John Tabella, P.G. - Project Director** Mr. Tabella is a Project Director and the Environmental Services Group Leader for SCS's Reston, VA office. Mr. Tabella oversees all aspects of environmental services opportunities and projects primarily throughout the U.S. Mr. Tabella has over 25 years of board environmental experience, covering environmental due diligence, mergers and acquisitions, environmental site characterization, remedial design and construction, environmental regulatory compliance and permitting, industrial hygiene, and health and safety.



Endnotes:

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<sup>i</sup> Adjoining is defined by ASTM E1527-13 as any real property the border of which is contiguous or partially contiguous with that of the Site or would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them.

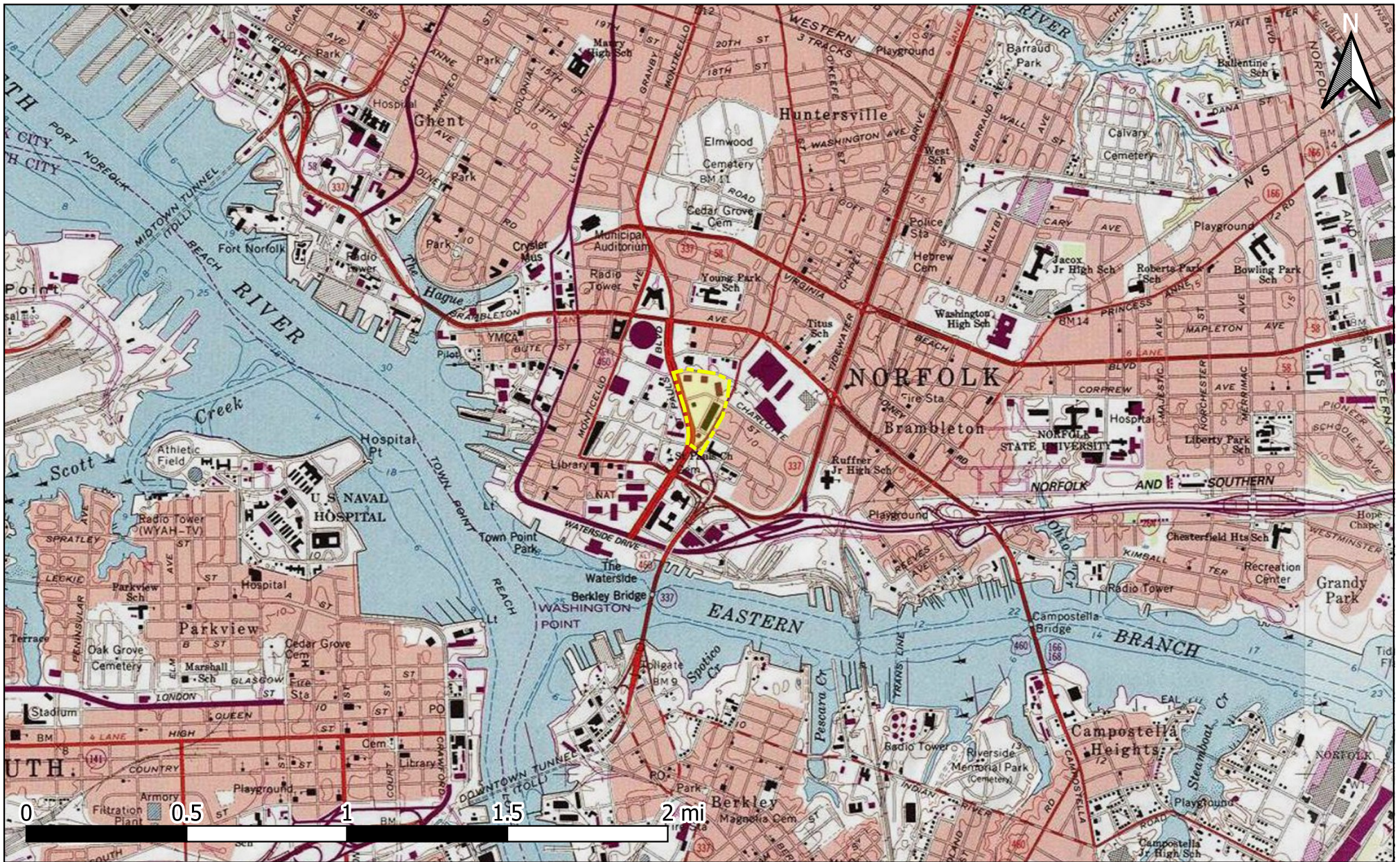
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## Appendices

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# Appendix A

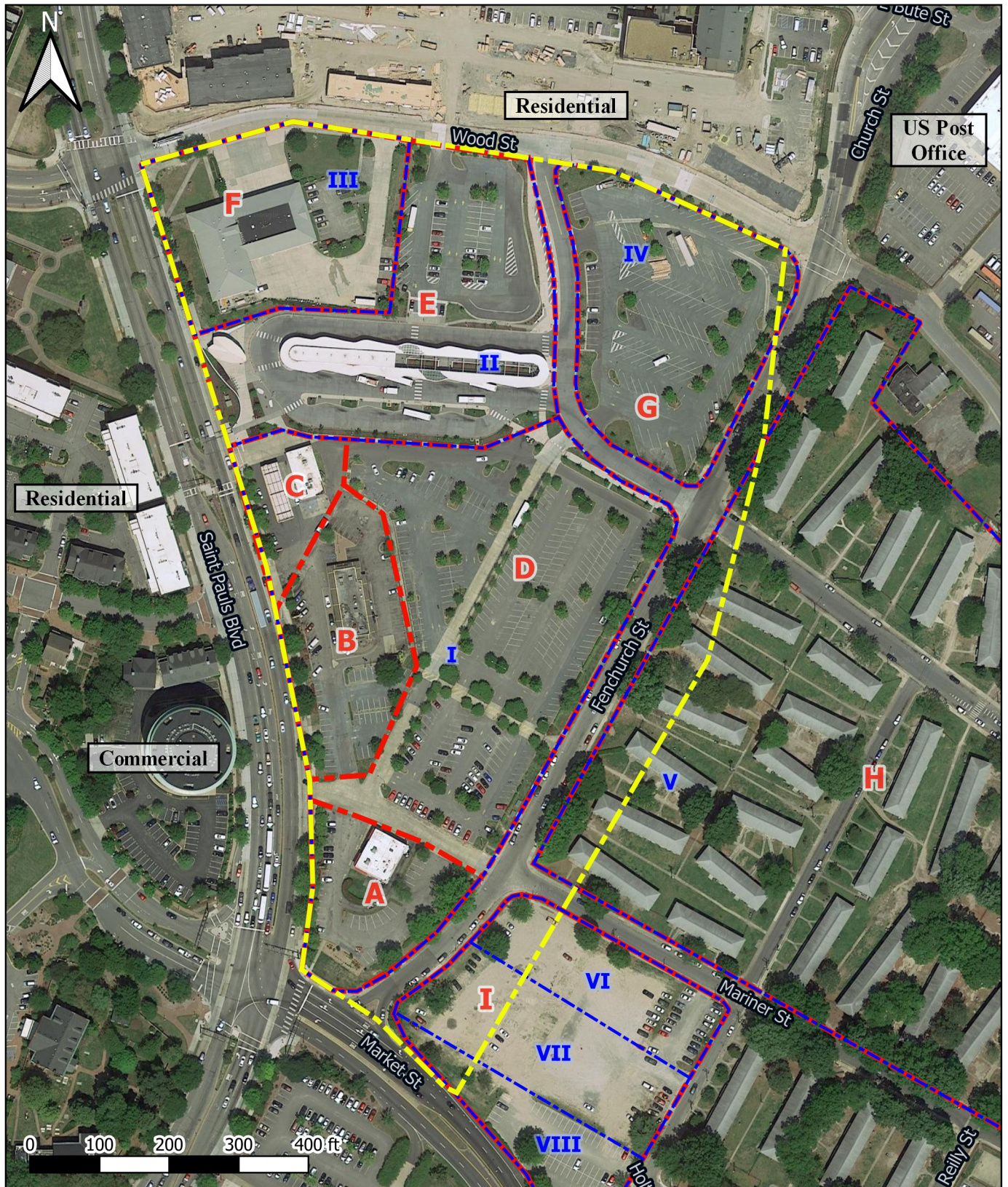
## Figures



 Approximate Site Boundary

**Figure 1. Site Location Map**  
 St. Pauls Blvd Transit Site  
 SCS File No. 02218113.02

Source: USGS Norfolk South Quadrangle (1986)



- - - Approximate Site Boundary    
 - - - Address Boundaries    
 - - - Section Boundaries

**Section Boundaries**

- |                      |  |  |
|----------------------|--|--|
| A. Popeye's          | D. St. Pauls Parking Lot #42           | G. Parking Lot for Buses               |
| B. McDonalds         | E. HRT Bus Terminal & Employee Parking | H. Tidewater Gardens Residential Units |
| C. Shell Gas Station | F. Norfolk Fire Station No. 1          | I. Vacant Lot Used for Parking         |

**Address Boundaries**

- |                          |                    |                      |
|--------------------------|--------------------|----------------------|
| I. 300 St. Pauls Blvd.   | IV. 450 Posey Ln.  | VII. 830 Holt St.    |
| II. 501 Wood St.         | V. 450 Walke St.   | VIII. 201 Chapel St. |
| III. 450 St. Pauls Blvd. | VI. 317 Chapel St. |                      |

**Figure 2. Site Vicinity Map**

St. Pauls Blvd Transit Site  
SCS File No. 02218113.02

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## Appendix B

### Site Photo Log

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section A: Popeye's**



Photograph 1. View of the east side of the building.



Photograph 2. View of the north side of the building.



Photograph 3. View of the east side of the building.



Photograph 4. View of the south side of the building and drive through.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 5. View of the grease trap.



Photograph 6. View of the empty 55-gallon metal drum labeled orange drink base stored within the grease trap area and associated drink compressed air tank.



Photograph 7. View of the grease staining.



Photograph 8. View of the milky-white liquid substance pooled between the grease trap and storage shed.



**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 9. View of the on-site storage shed located on the south side of the building.



Photograph 10. View of the dumpster located in the northeastern portion of the property.



Photograph 11. View of the ordering counter and drink dispenser area of the dining space.



Photograph 12. View of the food serving area of the kitchen.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 13. View of the food storage and cooking prep areas of the kitchen.



Photograph 14. View of the sink and floor drain near the refrigerator in the kitchen.



Photograph 15. View of the dishwashing area of the kitchen.



Photograph 16. View of the ice machine and associated cleaning storage area of the kitchen.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section B: McDonalds**



Photograph 17. View of the east and north sides of the building.



Photograph 18. View of the south side of the building.



Photograph 19. View of the Non-PCB, pad-mounted electrical transformer located on the south side of the building.



Photograph 20. View of the gated dumpster located on the south side of the property.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section C: Shell Gasoline Station**



Photograph 21. View of the gasoline and convenience store signage.



Photograph 22. View of the north and west sides of the building and associated fueling pump canopy.



Photograph 23. View of the south side of the building and associated fueling pump canopy.



Photograph 24. View of the east side of the building.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 25. View of the gated dumpster located on the east side of the building.



Photograph 26. View of the UST area.



Photograph 27. View of the UST tank valves and electrical hookups.



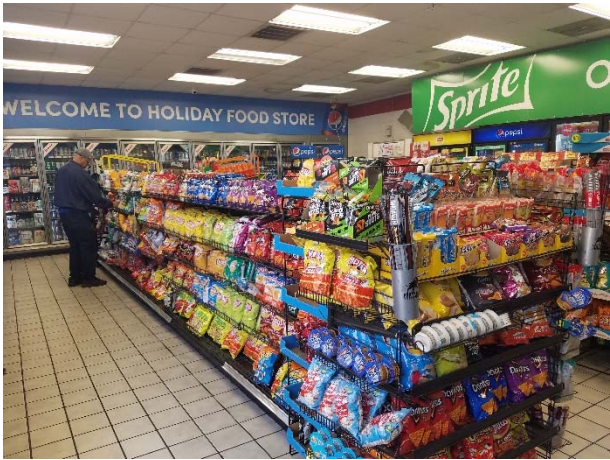
Photograph 28. View of the UST fill caps.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

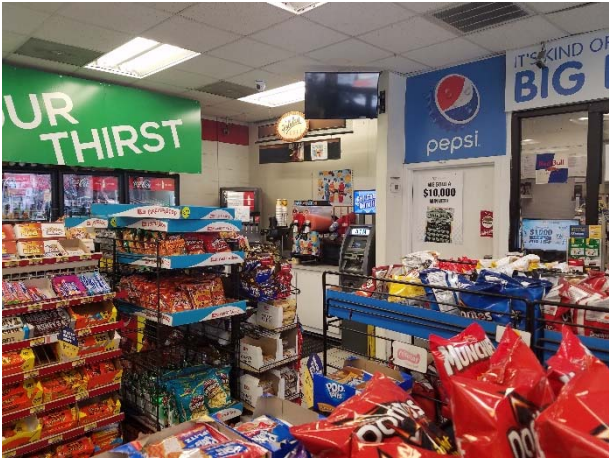
**SITE VISIT: APRIL 4, 2019**



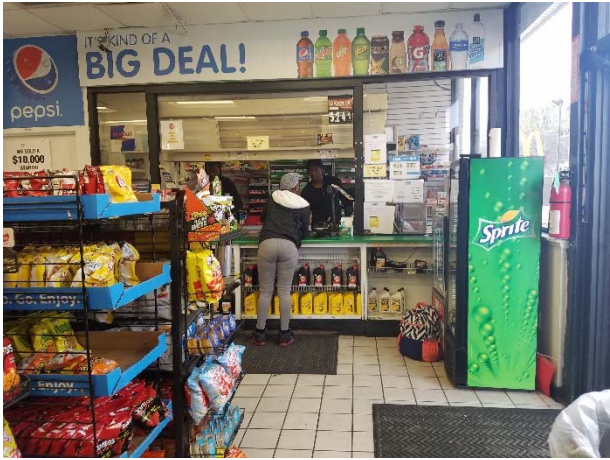
Photograph 29. View of the lawn hydrant located along the northern property boundary.



Photograph 30. View of the convenience store.



Photograph 31. View of the office entry door.



Photograph 32. View of the convenience check out and back office area.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section D: St. Pauls Parking Lot #42**



Photograph 33. View of the lot signage.

Photograph 34. View of the parking lot looking south.



Photograph 35. View of the parking lot looking north.

Photograph 36. View of the cross walk between the parking lots.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section E: Bus Terminal**



Photograph 37. View of the east side of the HRT bus terminal.



Photograph 38. View of the north side of the HRT bus terminal.



Photograph 39. View of the HRT employee parking lot, located in the northern portion of the property.



Photograph 40. View of the south side of the HRT bus terminal.



**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 41. View of the western structure associated with the HRT bus terminal and pad-mounted electrical equipment.



Photograph 42. View of the non-PCB pad-mounted electrical transformer.



Photograph 43. View of the dumpster located in the southwestern portion of the HRT employee parking lot.



Photograph 44. View of the public waiting area within the HRT bus terminal.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 45. View of the information desk within the HRT bus terminal.



Photograph 46. View of the customer-only restrooms located within the HRT bus terminal.



Photograph 47. View of the utility closet within the HRT bus terminal.



Photograph 48. View of the ladder access to the ventilation system and roof within the utility closet.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

Section F: Norfolk Fire Station No. 1



Photograph 49. View of the north side of the building and associated engine bays.



Photograph 50. View of the south side of the building and garage bays.



Photograph 51. View of the emergency generator located in the southern portion of the property.



Photograph 52. View of the hazardous materials storage unit, additional fire suppressant foam (50-gallon containers), and tires.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 53. View of the hazardous materials.



Photograph 54. View of the interior of the garage bays.



Photograph 55. View of stored fire suppressant foam stored within 50-gallon containers.



Photograph 56. View of the diesel exhaust fluid used for the fire engines stored within the garage bays.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

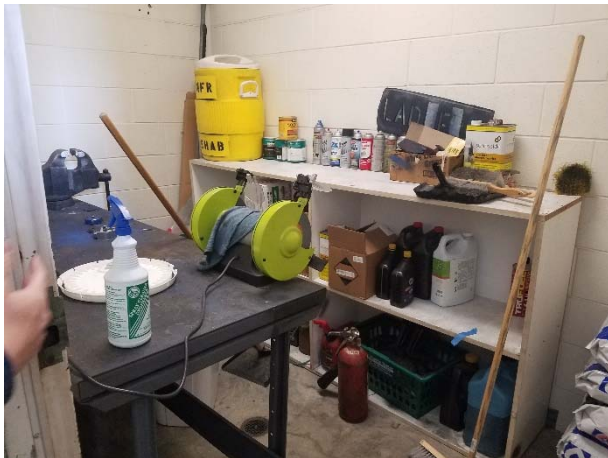
**SITE VISIT: APRIL 4, 2019**



Photograph 57. View of within the elevator room. Note the staining on the floor from leaking fluid and drip pan.



Photograph 58. View of the fire accessories and tools stored within the building.



Photograph 59. View of the cleaning agents, lubricants, and ice melt stored within a closet within the building.



Photograph 60. View of the on-site laundry room and water heater.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 61. View of one of the weight rooms (first floor).



Photograph 62. View of a representative office space within the building.



Photograph 63. View of the room used to fill air tanks.



Photograph 64. View of a representative utility closet within the building (first floor).

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 65. View of the kitchen area (second floor).



Photograph 66. View of the rec space (second floor).



Photograph 67. View of the pots storage, secondary refrigerator, and ice maker.



Photograph 68. View of employee sleeping quarters (second floor).

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section G: Parking Lot for Buses**



Photograph 69. View of the northwestern portion of the parking lot.



Photograph 70. View of the northeastern portion of the parking lot.



Photograph 71. View of the bus access roadway (west of parking lot).



Photograph 72. View of the southern portion of the parking lot.



**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

**Section H: Tidewater Gardens**



**Photograph 73. View of the southern building units within the subject Site boundaries.**



**Photograph 74. View of the northern building units within the subject Site boundaries.**



**Photograph 75. View of two of the six units within a building.**



**Photograph 76. View of the exterior of the building.**

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**



Photograph 77. View of the main living space. Photograph 78. View of the kitchen area.



Photograph 79. View of one of bedroom/office spaces.

Photograph 80. View of the restroom facility.

**300 ST PAULS BLVD TRANSIT SITE  
NORFOLK, VIRGINIA**

**SITE VISIT: APRIL 4, 2019**

Section I: Vacant Lot



Photograph 81. View of the southern portion of the gravel lot.



Photograph 82. View of the northern portion of the gravel lot.

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## Appendix C

### EDR Database Report

**St. Pauls Blvd. Transit Site**

300 St Pauls Blvd  
Norfolk, VA 23510

Inquiry Number: 5565099.2s  
February 20, 2019

**The EDR Radius Map™ Report with GeoCheck®**



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

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

300 ST PAULS BLVD  
NORFOLK, VA 23510

#### COORDINATES

Latitude (North): 36.8502620 - 36° 51' 0.94"  
Longitude (West): 76.2834870 - 76° 17' 0.55"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 385571.3  
UTM Y (Meters): 4078827.5  
Elevation: 10 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5950979 NORFOLK SOUTH, VA  
Version Date: 2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140705  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
300 ST PAULS BLVD  
NORFOLK, VA 23510

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		300 ST PAUL BLVD	ERNS		TP
A2	U S NORFOLK REDEVELO	450 WALKE ST TIDEWAT	RCRA-SQG, FINDS, ECHO		TP
A3	ST MARYS INFANT HOME	317 CHAPEL ST.	VA UST		TP
A4	ROLANDS AUTO SERVICE	300 SAINT PAULS BLVD	EDR Hist Auto		TP
A5	NRHA-TIDEWATER PARK	450 WALKE STREET	VA LUST, VA LTANKS		TP
A6	ST. MARY'S INFANT HO	317 CHAPEL STREET	FINDS		TP
A7	NRHA - TIDEWATER PAR	450 WALKE STREET	VA UST		TP
B8	NORFOLK CITY - FIRE	450 SAINT PAUL BLVD	VA UST, VA Financial Assurance	Higher	1 ft.
A9	DRY CLEANING OF VIRG	#71 DOWNTOWN PLAZA 3	RCRA NonGen / NLR	Higher	1 ft.
A10	AMOCO #2033-TANKS	18 DOWNTOWN PLAZA	RCRA-SQG, FINDS, ECHO	Higher	1 ft.
B11	HOLIDAY FOODS #405	418 SAINT PAULS BOUL	VA UST, VA Financial Assurance	Higher	20, 0.004, West
B12	SAINT PAULS TEXACO	418 SAINT PAULS BLVD	EDR Hist Auto	Higher	20, 0.004, West
B13	ST PAULS TEXACO	418 SAINT PAULS BOUL	VA LUST, VA LTANKS, VA SPILLS	Higher	20, 0.004, West
C14	ROLANDS AUTO REPAIR	42 DOWNTOWN PLAZA	VA LUST, VA LTANKS, VA UST	Higher	44, 0.008, North
C15	AMERICOMM DIRECT MAR	494 ST PAULS BLVD	RCRA-SQG, FINDS, ECHO	Higher	144, 0.027, NNW
16	HAMPTON ROADS CHAMBE	485 ST PAULS BLVD	VA LUST, VA LTANKS	Lower	274, 0.052, WNW
D17	NORFOLK PUBLIC SCHOO	800 EAST CITY HALL A	NY MANIFEST	Lower	283, 0.054, South
D18	NORFOLK SCHOOLS ADMI	800 EAST CITY HALL A	RCRA-CESQG	Lower	283, 0.054, South
D19	SCHOOL ADMINIST BLDG	800 EAST CITY HALL A	VA UST	Lower	283, 0.054, South
D20	NORFOLK PUBLIC SCHOO	800 E CITY HALL AVE	PA MANIFEST	Lower	283, 0.054, South
21	FIRST BAPTIST CHURCH	418 E BUTE ST	VA LUST, VA LTANKS	Higher	357, 0.068, NNW
22	CITY OF NORFOLK DEPA	310 CUMBERLAND STREE	VA UST	Lower	517, 0.098, SW
E23	USPS NORFOLK P&DC/VM	600 CHURCH STREET	PA MANIFEST	Lower	566, 0.107, ENE
E24	US POSTAL SERVICE -	600 CHURCH ST	VA LUST, VA LTANKS, VA SPILLS	Lower	566, 0.107, ENE
E25	USPS-NORFOLK P&DC/VM	600 CHURCH ST	RCRA NonGen / NLR	Lower	566, 0.107, ENE
E26	USPS-NORFOLK P&DC/VM	600 CHURCH ST	RCRA-CESQG, US AIRS	Lower	566, 0.107, ENE
E27	USPS - NORFOLK VEHIC	600 CHURCH ST	VA UST, VA Financial Assurance	Lower	566, 0.107, ENE
E28	US POSTAL SERVICE -	600 CHURCH ST	VA LTANKS	Lower	566, 0.107, ENE
29	FREEMASON STREET BAP	400 E FREEMASON ST	VA LUST, VA LTANKS	Lower	625, 0.118, West
F30	NORFOLK FIRE STATION	540 E. CITY HALL AVE	VA UST	Lower	651, 0.123, SW
31	FIRST BAPTIST CHURCH	431 E BRAMBLETON AVE	VA UST	Lower	705, 0.134, North
F32	VIRGINIA POWER-FORME	539 OR 541 EAST CITY	VA LUST, VA LTANKS, VA UST	Lower	755, 0.143, SW
G33	NORFOLK CITY OF - PO	811 E. CITY HALL	VA LUST, VA LTANKS	Lower	830, 0.157, SSW
G34	NORFOLK POLICE DEPAR	811 E. CITY HALL	VA UST	Lower	830, 0.157, SSW
35	CITY OF NORFOLK - PL	PLUME ST AND SAINT P	VA LUST, VA LTANKS	Lower	921, 0.174, SSW
36	7 ELEVEN 10656	712 W CHURCH RD	VA LTANKS	Higher	1041, 0.197, NE
37	ABERCROMBIE & FITCH	300 MONTICELLO AVENU	RCRA-CESQG	Lower	1083, 0.205, WSW
H38	ONE STOP FOOD MART #	900 BRAMBLETON AVENU	VA LUST, VA LTANKS, VA UST, VA Financial Assurance	Lower	1094, 0.207, ENE
H39	NORFOLK CITY - PLUM	1001 W BRAMBLETON AV	VA LUST, VA LTANKS	Lower	1105, 0.209, ENE



MAPPED SITES SUMMARY

Target Property Address:  
 300 ST PAULS BLVD  
 NORFOLK, VA 23510

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">I40</a>	AMOCO 60546 TANKS	800 E BRAMBLETON AVE	RCRA-SQG, FINDS, ECHO	Lower	1189, 0.225, NE
<a href="#">I41</a>	CHURCH STREET BP	800 E BRAMBLETON AVE	VA LUST, VA LTANKS, VA UST, VA Financial Assurance	Lower	1189, 0.225, NE
<a href="#">42</a>	YOUNGS PARK ELEMENTA	543 OLNEY EAST ROAD	VA LUST, VA LTANKS, VA UST	Higher	1229, 0.233, North
<a href="#">J43</a>	REPROGRAPHICS & DIST	920 E MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1250, 0.237, South
<a href="#">J44</a>	CITY HALL BOILER ROO	920 EAST MAIN STREET	VA UST	Higher	1250, 0.237, South
<a href="#">K45</a>	PLAZA ONE BUILDING	550 EAST MAIN STREET	VA UST	Lower	1259, 0.238, SW
<a href="#">46</a>	HAMPTON AREA SHORE P	140 EAST ST	VA UST	Higher	1259, 0.238, South
<a href="#">47</a>	TIDEWATER PARK ELEME	1045 BRAMBLETON AVEN	VA LUST, VA LTANKS, VA UST	Lower	1266, 0.240, East
<a href="#">L48</a>	SHOWCASE BUILDING	500 GRANBY STREET	VA LUST, VA LTANKS	Lower	1273, 0.241, WNW
<a href="#">49</a>	WALTER E. HOFFMAN CO	600 GRANBY STREET	VA UST	Lower	1279, 0.242, NW
<a href="#">M50</a>	WILLIAMS, T C CLEANE	635 E OLNEY	RCRA NonGen / NLR, FINDS, ECHO	Higher	1304, 0.247, NNE
<a href="#">H51</a>	TITUS SCHOOL	722 CHAPEL STREET	VA LUST, VA LTANKS, VA UST	Lower	1325, 0.251, ENE
<a href="#">K52</a>	FIRST VIRGINIA BANK	555 E MAIN ST	VA LUST, VA UST	Lower	1351, 0.256, SSW
<a href="#">L53</a>	MONTAGNA'S PROPERTIE	437 GRANBY ST	VA LUST, VA LTANKS	Lower	1357, 0.257, WNW
<a href="#">L54</a>	TRAPANI PROPERTY	431 GRANBY ST	VA LUST, VA LTANKS	Lower	1368, 0.259, WNW
<a href="#">N55</a>	THREE HAPPINESS CHIN	411 GRANBY STREET	VA LUST, VA LTANKS, VA UST	Lower	1411, 0.267, WNW
<a href="#">N56</a>	GROWING NORFOLK, LLC	429 GRANBY ST	VA LUST, VA LTANKS	Lower	1435, 0.272, WNW
<a href="#">M57</a>	LET US PRODUCE	620 E OLNEY RD	VA LUST, VA LTANKS	Higher	1449, 0.274, NNE
<a href="#">K58</a>	NORFOLK SOUTHERN TOW	3 COMMERCIAL PLACE	VA LUST, VA LTANKS	Lower	1516, 0.287, SW
<a href="#">O59</a>	HUMAN SERVICES BUILD	741 MONTICELLO AVE	VA LUST, VA LTANKS	Lower	1540, 0.292, NNW
<a href="#">60</a>	NORFOLK CITY OF - RU	489 TIDEWATER DRIVE	VA LUST, VA LTANKS, VA SPILLS	Lower	1560, 0.295, ESE
<a href="#">P61</a>	EAGLETONS	430 BOUSH STREET	VA LUST, VA LTANKS	Lower	1609, 0.305, WNW
<a href="#">62</a>	MARITIME TOWER	234 MONTICELLO AVENU	VA LUST, VA UST	Lower	1654, 0.313, WSW
<a href="#">P63</a>	FIVE ASSOCIATES LLC	436 BOUSCH ST AND 45	VA LTANKS	Lower	1671, 0.316, WNW
<a href="#">O64</a>	PRECISION TUNE	751 MONTICELLO AVE	VA LUST, VA LTANKS, VA UST	Lower	1679, 0.318, NNW
<a href="#">65</a>	FAIRBANKS MORSE ENGI	630 TIDEWATER DR	VA LUST, VA LTANKS	Lower	1790, 0.339, ESE
<a href="#">66</a>	NRHA - YOUNG TERRACE	816 WHITAKER LANE	VA LUST, VA LTANKS, VA UST, VA AIRS	Higher	1825, 0.346, North
<a href="#">67</a>	VIRGINIA PILOT AND T	150 W BRAMBLETON AVE	VA LUST, VA LTANKS, VA TIER 2	Lower	1863, 0.353, NW
<a href="#">Q68</a>	TWO COMMERCIAL PLACE	ONE COMMERCIAL PL	VA LUST, US AIRS, FINDS, ECHO	Lower	1865, 0.353, SW
<a href="#">Q69</a>	LAMBERT'S POINT TERM	ONE COMMERCIAL PLACE	SEMS-ARCHIVE	Lower	1865, 0.353, SW
<a href="#">70</a>	UPTON STORAGE COMPAN	1125 EAST WATER STRE	VA LUST, VA LTANKS, VA UST, VA SPILLS	Lower	1929, 0.365, South
<a href="#">71</a>	US FEDERAL BUILDING	200 GRANBY ST	VA LUST, VA LTANKS, VA TIER 2	Lower	1942, 0.368, WSW
<a href="#">72</a>	HOME FEDERAL SAVINGS	701 BOUSH STREET	VA LUST, VA LTANKS	Lower	2072, 0.392, NW
<a href="#">73</a>	TIDEWATER DRIVE BUSI	850 TIDEWATER DR	VA LTANKS	Lower	2097, 0.397, ENE
<a href="#">74</a>	ALLSAFE SELF STORAGE	1213 EAST BRAMBLETON	VA LUST, VA LTANKS	Lower	2145, 0.406, ESE
<a href="#">R75</a>	HASLER GROUP	121 WEST TAZEWELL ST	VA LUST, VA LTANKS	Lower	2158, 0.409, West
<a href="#">76</a>	HAMPTON ROADS TRANSI	248 W BUTE ST	VA LUST, VA LTANKS	Lower	2240, 0.424, WNW
<a href="#">S77</a>	FORMER ATLANTIC PERM	740 BOUSH ST	VA LUST, VA LTANKS, VA UST	Lower	2274, 0.431, NW
<a href="#">T78</a>	COFERS BUILDING	142 W OLNEY RD	VA LUST, VA LTANKS	Lower	2296, 0.435, NW

MAPPED SITES SUMMARY

Target Property Address:  
 300 ST PAULS BLVD  
 NORFOLK, VA 23510

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">R79</a>	UNION MISSION	130 BROOKE AVE	VA LUST, VA LTANKS	Lower	2307, 0.437, West
<a href="#">U80</a>	CAROLINA TRAILWAYS	120 E. MAIN ST.	VA LUST, VA LTANKS, VA UST	Higher	2326, 0.441, WSW
<a href="#">81</a>	SEABOARD BUILDING	100 W PLUME ST	VA LTANKS	Lower	2338, 0.443, WSW
<a href="#">82</a>	NORFOLK CITY OF - CI	112 W. CITY HALL AVE	VA LUST, VA LTANKS	Lower	2339, 0.443, WSW
<a href="#">83</a>	HARBOR PARK SITE	150 PARK AVENUE	US BROWNFIELDS, FINDS	Lower	2470, 0.468, SSE
<a href="#">S84</a>	DAVENPORT'S TEXACO S	759 BOUSH STREET	VA LUST, VA LTANKS	Lower	2477, 0.469, NW
<a href="#">T85</a>	7-ELEVEN #38164	770 BOUSH ST	VA LUST, VA LTANKS, VA UST, VA Financial Assurance	Lower	2493, 0.472, NW
<a href="#">86</a>	FENSKA PROPERTY - PE	635 MALTBY AVENUE	VA LTANKS, VA SPILLS	Lower	2506, 0.475, ESE
<a href="#">87</a>	GHENT OFFICE - CENIT	745 DUKE ST	VA LUST, VA LTANKS	Lower	2515, 0.476, NW
<a href="#">U88</a>	US CUSTOM HOUSE	101 E MAIN STREET	VA LUST, VA LTANKS	Lower	2551, 0.483, WSW
<a href="#">V89</a>	AMERICAN SIGN & FLAG	313 RESERVOIR AVE	VA VCP, VA SPILLS	Lower	2565, 0.486, ESE
<a href="#">V90</a>	AMERICAN SIGN AND NE	313 RESEVOIR AVENUE	SEMS-ARCHIVE	Lower	2565, 0.486, ESE
<a href="#">91</a>	CENIT BANK	225 WEST OLNEY ROAD	VA LUST, VA UST	Lower	2589, 0.490, NW
<a href="#">92</a>	CITY OF NORFOLK MAIN	736 CECELIA ST	VA LUST, VA LTANKS, VA UST	Lower	2639, 0.500, East
<a href="#">93</a>	NORFOLK TOWN GAS	MONTICELLO AND VA BE	EDR MGP	Lower	2828, 0.536, NNW

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
300 ST PAUL BLVD 300 ST PAUL BLVD NORFOLK, VA 23510	ERNS NRC Report #: 296527	N/A
U S NORFOLK REDEVELO 450 WALKE ST TIDEWAT NORFOLK, VA 23504	RCRA-SQG EPA ID:: VA6860000995  FINDS Registry ID:: 110005216220  ECHO Registry ID: 110005216220	VA6860000995
ST MARYS INFANT HOME 317 CHAPEL ST. NORFOLK, VA 23504	VA UST Tank Status: CLS IN GRD Tank Status: PERM OUT OF USE Facility Id: 5004357 CEDS Facility ID: 200000067127	N/A
ROLANDS AUTO SERVICE 300 SAINT PAULS BLVD NORFOLK, VA 23510	EDR Hist Auto	N/A
NRHA-TIDEWATER PARK 450 WALKE STREET NORFOLK, VA 23501	VA LUST Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Closed Facility ID: 200000066379 Pollution Complaint Num: 19910528  VA LTANKS Facility Status: Closed CEDS Facility Id: 200000066379 Pollution Complaint #: 19910528	N/A
ST. MARY'S INFANT HO 317 CHAPEL STREET NORFOLK, VA 23508	FINDS Registry ID:: 110011500465	N/A
NRHA - TIDEWATER PAR 450 WALKE STREET NORFOLK, VA 23501	VA UST Tank Status: REM FROM GRD Tank Status: PERM OUT OF USE Facility Id: 5022283	N/A

# EXECUTIVE SUMMARY

CEDS Facility ID: 200000066379

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

CORRACTS..... Corrective Action Report

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

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

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

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

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

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

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

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

## EXECUTIVE SUMMARY

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

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

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

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

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

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

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

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

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

VA BROWNFIELDS..... Brownfields Site Specific Assessments

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

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

#### ***Local Land Records***

LIENS 2..... CERCLA Lien Information

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

HMIRS..... Hazardous Materials Information Reporting System  
VA SPILLS 90..... SPILLS 90 data from FirstSearch

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

FUDS..... Formerly Used Defense Sites

## EXECUTIVE SUMMARY

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

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

VA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

## 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**

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

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

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/13/2018 has revealed that there are 2 SEMS-ARCHIVE 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>
LAMBERT'S POINT TERM Site ID: 0302577 EPA Id: VAD049184690	ONE COMMERCIAL PLACE	SW 1/4 - 1/2 (0.353 mi.)	Q69	213
AMERICAN SIGN AND NE Site ID: 0306648 EPA Id: VAN000306648	313 RESEVOIR AVENUE	ESE 1/4 - 1/2 (0.486 mi.)	V90	260

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

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>AMOCO #2033-TANKS</i></b>	<b><i>18 DOWNTOWN PLAZA</i></b>	<b><i>0 - 1/8 (0.000 mi.)</i></b>	<b><i>A10</i></b>	<b><i>27</i></b>

## EXECUTIVE SUMMARY

EPA ID:: VAD988199014				
<b>AMERICOMM DIRECT MAR</b>	<b>494 ST PAULS BLVD</b>	<b>NNW 0 - 1/8 (0.027 mi.)</b>	<b>C15</b>	<b>47</b>
EPA ID:: VAD988225090				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMOCO 60546 TANKS</b>	<b>800 E BRAMBLETON AVE</b>	<b>NE 1/8 - 1/4 (0.225 mi.)</b>	<b>I40</b>	<b>125</b>
EPA ID:: VA0000251710				

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA-CESQG 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>
NORFOLK SCHOOLS ADMI EPA ID:: VAD988174181	800 EAST CITY HALL A	S 0 - 1/8 (0.054 mi.)	D18	51
<b>USPS-NORFOLK P&amp;DC/VM</b> EPA ID:: VA5180000148	<b>600 CHURCH ST</b>	<b>ENE 0 - 1/8 (0.107 mi.)</b>	<b>E26</b>	<b>66</b>
ABERCROMBIE & FITCH EPA ID:: VAR000516393	300 MONTICELLO AVENU	WSW 1/8 - 1/4 (0.205 mi.)	37	116

### State and tribal leaking storage tank lists

VA LUST: The Leaking Underground Storage Tank Database.

A review of the VA LUST list, as provided by EDR, has revealed that there are 49 VA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ST PAULS TEXACO</b> Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Closed Facility ID: 200000063935 Pollution Complaint Num: 19860715 Pollution Complaint Num: 20025027	<b>418 SAINT PAULS BOUL</b>	<b>W 0 - 1/8 (0.004 mi.)</b>	<b>B13</b>	<b>43</b>
<b>ROLANDS AUTO REPAIR</b> Database: LUST REG TD, Date of Government Version: 06/30/2013 Facility Status: Closed Facility ID: 200000066815 Pollution Complaint Num: 20035158	<b>42 DOWNTOWN PLAZA</b>	<b>N 0 - 1/8 (0.008 mi.)</b>	<b>C14</b>	<b>44</b>
<b>FIRST BAPTIST CHURCH</b> Database: LUST REG TD, Date of Government Version: 06/30/2013	<b>418 E BUTE ST</b>	<b>NNW 0 - 1/8 (0.068 mi.)</b>	<b>21</b>	<b>57</b>



## EXECUTIVE SUMMARY

Facility Status: Closed  
 Facility ID: 200000065159  
 Pollution Complaint Num: 19992389

**YOUNGS PARK ELEMENTA**                      **543 OLNEY EAST ROAD**                      **N 1/8 - 1/4 (0.233 mi.)**                      **42**                      **132**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000067833  
 Pollution Complaint Num: 19901773

**LET US PRODUCE**                                      **620 E OLNEY RD**                                      **NNE 1/4 - 1/2 (0.274 mi.)**                      **M57**                      **162**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000224072  
 Pollution Complaint Num: 20065148

**NRHA - YOUNG TERRACE**                                      **816 WHITAKER LANE**                                      **N 1/4 - 1/2 (0.346 mi.)**                      **66**                      **184**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000066380  
 Pollution Complaint Num: 19920697

**CAROLINA TRAILWAYS**                                      **120 E. MAIN ST.**                                      **WSW 1/4 - 1/2 (0.441 mi.)**                      **U80**                      **229**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000064417  
 Pollution Complaint Num: 19972287

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
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<b>HAMPTON ROADS CHAMBE</b>	<b>485 ST PAULS BLVD</b>	<b>WNW 0 - 1/8 (0.052 mi.)</b>	<b>16</b>	<b>49</b>
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Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Open  
 Facility Status: Closed  
 Facility ID: 200000065437  
 Pollution Complaint Num: 20015055  
 Pollution Complaint Num: 19982353

<b>US POSTAL SERVICE -</b>	<b>600 CHURCH ST</b>	<b>ENE 0 - 1/8 (0.107 mi.)</b>	<b>E24</b>	<b>61</b>
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Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000067441  
 Pollution Complaint Num: 20065105  
 Pollution Complaint Num: 19901020

<b>FREEMASON STREET BAP</b>	<b>400 E FREEMASON ST</b>	<b>W 0 - 1/8 (0.118 mi.)</b>	<b>29</b>	<b>100</b>
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Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000847882  
 Pollution Complaint Num: 20085044

<b>VIRGINIA POWER-FORME</b>	<b>539 OR 541 EAST CITY</b>	<b>SW 1/8 - 1/4 (0.143 mi.)</b>	<b>F32</b>	<b>106</b>
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Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed  
 Facility ID: 200000067595  
 Pollution Complaint Num: 19972235

<b>NORFOLK CITY OF - PO</b>	<b>811 E. CITY HALL</b>	<b>SSW 1/8 - 1/4 (0.157 mi.)</b>	<b>G33</b>	<b>108</b>
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Database: LUST REG TD, Date of Government Version: 06/30/2013  
 Facility Status: Closed

## EXECUTIVE SUMMARY

Facility ID: 200000066604				
Pollution Complaint Num: 19943124				
<b>CITY OF NORFOLK - PL</b>	<b>PLUME ST AND SAINT P</b>	<b>SSW 1/8 - 1/4 (0.174 mi.)</b>	<b>35</b>	<b>114</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000852933				
Pollution Complaint Num: 20105119				
<b>ONE STOP FOOD MART #</b>	<b>900 BRAMBLETON AVENU</b>	<b>ENE 1/8 - 1/4 (0.207 mi.)</b>	<b>H38</b>	<b>118</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000195743				
Pollution Complaint Num: 20005220				
<b>NORFOLK CITY - PLUM</b>	<b>1001 W BRAMBLETON AV</b>	<b>ENE 1/8 - 1/4 (0.209 mi.)</b>	<b>H39</b>	<b>124</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000846463				
Pollution Complaint Num: 20075109				
<b>CHURCH STREET BP</b>	<b>800 E BRAMBLETON AVE</b>	<b>NE 1/8 - 1/4 (0.225 mi.)</b>	<b>I41</b>	<b>127</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000089799				
Pollution Complaint Num: 20015131				
<b>TIDEWATER PARK ELEME</b>	<b>1045 BRAMBLETON AVEN</b>	<b>E 1/8 - 1/4 (0.240 mi.)</b>	<b>47</b>	<b>145</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000067352				
Pollution Complaint Num: 19931231				
<b>SHOWCASE BUILDING</b>	<b>500 GRANBY STREET</b>	<b>WNW 1/8 - 1/4 (0.241 mi.)</b>	<b>L48</b>	<b>148</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000201732				
Pollution Complaint Num: 20015139				
<b>TITUS SCHOOL</b>	<b>722 CHAPEL STREET</b>	<b>ENE 1/4 - 1/2 (0.251 mi.)</b>	<b>H51</b>	<b>153</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000087589				
Pollution Complaint Num: 19932421				
<b>FIRST VIRGINIA BANK</b>	<b>555 E MAIN ST</b>	<b>SSW 1/4 - 1/2 (0.256 mi.)</b>	<b>K52</b>	<b>156</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000065165				
Pollution Complaint Num: 19962222				
<b>MONTAGNA'S PROPERTIE</b>	<b>437 GRANBY ST</b>	<b>WNW 1/4 - 1/2 (0.257 mi.)</b>	<b>L53</b>	<b>158</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Open				
Facility ID: 200000857775				
Pollution Complaint Num: 20135002				
<b>TRAPANI PROPERTY</b>	<b>431 GRANBY ST</b>	<b>WNW 1/4 - 1/2 (0.259 mi.)</b>	<b>L54</b>	<b>158</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Open				
Facility ID: 200000857776				

## EXECUTIVE SUMMARY

Pollution Complaint Num: 20135003				
<b>THREE HAPPINESS CHIN</b>	<b>411 GRANBY STREET</b>	<b>WNW 1/4 - 1/2 (0.267 mi.)</b>	<b>N55</b>	<b>159</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000191269				
Pollution Complaint Num: 20005002				
<b>GROWING NORFOLK, LLC</b>	<b>429 GRANBY ST</b>	<b>WNW 1/4 - 1/2 (0.272 mi.)</b>	<b>N56</b>	<b>162</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Open				
Facility ID: 200000856726				
Pollution Complaint Num: 20125089				
<b>NORFOLK SOUTHERN TOW</b>	<b>3 COMMERCIAL PLACE</b>	<b>SW 1/4 - 1/2 (0.287 mi.)</b>	<b>K58</b>	<b>163</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000191330				
Pollution Complaint Num: 20005107				
<b>HUMAN SERVICES BUILD</b>	<b>741 MONTICELLO AVE</b>	<b>NNW 1/4 - 1/2 (0.292 mi.)</b>	<b>O59</b>	<b>164</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000064145				
Pollution Complaint Num: 19911589				
<b>NORFOLK CITY OF - RU</b>	<b>489 TIDEWATER DRIVE</b>	<b>ESE 1/4 - 1/2 (0.295 mi.)</b>	<b>60</b>	<b>165</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000066850				
Pollution Complaint Num: 19921528				
Pollution Complaint Num: 19921529				
Pollution Complaint Num: 19921669				
<b>EAGLETONS</b>	<b>430 BOUSH STREET</b>	<b>WNW 1/4 - 1/2 (0.305 mi.)</b>	<b>P61</b>	<b>169</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000194463				
Pollution Complaint Num: 20005157				
<b>MARITIME TOWER</b>	<b>234 MONTICELLO AVENU</b>	<b>WSW 1/4 - 1/2 (0.313 mi.)</b>	<b>62</b>	<b>170</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000066050				
Pollution Complaint Num: 19940763				
<b>PRECISION TUNE</b>	<b>751 MONTICELLO AVE</b>	<b>NNW 1/4 - 1/2 (0.318 mi.)</b>	<b>O64</b>	<b>173</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000091559				
Pollution Complaint Num: 19911351				
<b>FAIRBANKS MORSE ENGI</b>	<b>630 TIDEWATER DR</b>	<b>ESE 1/4 - 1/2 (0.339 mi.)</b>	<b>65</b>	<b>183</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000858334				
Facility ID: 200000215535				
Pollution Complaint Num: 20135037				
Pollution Complaint Num: 20045179				
<b>VIRGINIA PILOT AND T</b>	<b>150 W BRAMBLETON AVE</b>	<b>NW 1/4 - 1/2 (0.353 mi.)</b>	<b>67</b>	<b>197</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				

## EXECUTIVE SUMMARY

Facility Status: Closed  
 Facility ID: 200000067591  
 Pollution Complaint Num: 19900518

<b>TWO COMMERICAL PLACE</b>	<b>ONE COMMERCIAL PL</b>	<b>SW 1/4 - 1/2 (0.353 mi.)</b>	<b>Q68</b>	<b>198</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000087521				
Pollution Complaint Num: 19941127				
<b>UPTON STORAGE COMPAN</b>	<b>1125 EAST WATER STRE</b>	<b>S 1/4 - 1/2 (0.365 mi.)</b>	<b>70</b>	<b>214</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000067463				
Pollution Complaint Num: 19930993				
<b>US FEDERAL BUILDING</b>	<b>200 GRANBY ST</b>	<b>WSW 1/4 - 1/2 (0.368 mi.)</b>	<b>71</b>	<b>219</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000065113				
Pollution Complaint Num: 20075096				
<b>HOME FEDERAL SAVINGS</b>	<b>701 BOUSH STREET</b>	<b>NW 1/4 - 1/2 (0.392 mi.)</b>	<b>72</b>	<b>221</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000089877				
Pollution Complaint Num: 19943782				
<b>ALLSAFE SELF STORAGE</b>	<b>1213 EAST BRAMBLETON</b>	<b>ESE 1/4 - 1/2 (0.406 mi.)</b>	<b>74</b>	<b>222</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000063887				
Pollution Complaint Num: 19952409				
<b>HASLER GROUP</b>	<b>121 WEST TAZEWEEL ST</b>	<b>W 1/4 - 1/2 (0.409 mi.)</b>	<b>R75</b>	<b>223</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000191338				
Pollution Complaint Num: 20005127				
<b>HAMPTON ROADS TRANSI</b>	<b>248 W BUTE ST</b>	<b>WNW 1/4 - 1/2 (0.424 mi.)</b>	<b>76</b>	<b>224</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000851295				
Pollution Complaint Num: 20095108				
<b>FORMER ATLANTIC PERM</b>	<b>740 BOUSH ST</b>	<b>NW 1/4 - 1/2 (0.431 mi.)</b>	<b>S77</b>	<b>225</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000065189				
Pollution Complaint Num: 19944205				
<b>COFERS BUILDING</b>	<b>142 W OLNEY RD</b>	<b>NW 1/4 - 1/2 (0.435 mi.)</b>	<b>T78</b>	<b>227</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				
Facility ID: 200000216064				
Pollution Complaint Num: 20055010				
<b>UNION MISSION</b>	<b>130 BROOKE AVE</b>	<b>W 1/4 - 1/2 (0.437 mi.)</b>	<b>R79</b>	<b>228</b>
Database: LUST REG TD, Date of Government Version: 06/30/2013				
Facility Status: Closed				

# EXECUTIVE SUMMARY

Facility ID: 200000853464  
Pollution Complaint Num: 20105150

**NORFOLK CITY OF - CI**                                    **112 W. CITY HALL AVE**                                    **WSW 1/4 - 1/2 (0.443 mi.)**                                    **82**                                    **233**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000064563  
Pollution Complaint Num: 19930776

**DAVENPORT'S TEXACO S**                                    **759 BOUSH STREET**                                    **NW 1/4 - 1/2 (0.469 mi.)**                                    **S84**                                    **240**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000064938  
Pollution Complaint Num: 19992284

**7-ELEVEN #38164**                                    **770 BOUSH ST**                                    **NW 1/4 - 1/2 (0.472 mi.)**                                    **T85**                                    **241**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000091026  
Pollution Complaint Num: 19920379  
Pollution Complaint Num: 20065021

**GHENT OFFICE - CENIT**                                    **745 DUKE ST**                                    **NW 1/4 - 1/2 (0.476 mi.)**                                    **87**                                    **255**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000065295  
Pollution Complaint Num: 19972354

**US CUSTOM HOUSE**                                    **101 E MAIN STREET**                                    **WSW 1/4 - 1/2 (0.483 mi.)**                                    **U88**                                    **256**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000067440  
Pollution Complaint Num: 20015019

**CENIT BANK**                                    **225 WEST OLNEY ROAD**                                    **NW 1/4 - 1/2 (0.490 mi.)**                                    **91**                                    **261**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000064455  
Pollution Complaint Num: 19952329

**CITY OF NORFOLK MAIN**                                    **736 CECELIA ST**                                    **E 1/4 - 1/2 (0.500 mi.)**                                    **92**                                    **263**

Database: LUST REG TD, Date of Government Version: 06/30/2013  
Facility Status: Closed  
Facility ID: 200000066031  
Pollution Complaint Num: 20075089  
Pollution Complaint Num: 20005028

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

A review of the VA LTANKS list, as provided by EDR, and dated 10/02/2018 has revealed that there are 51 VA LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ST PAULS TEXACO</b>	<b>418 SAINT PAULS BOUL</b>	<b>W 0 - 1/8 (0.004 mi.)</b>	<b>B13</b>	<b>43</b>
Facility Status: Closed CEDS Facility Id: 200000063935				

## EXECUTIVE SUMMARY

Pollution Complaint #: 19860715				
<b>ROLANDS AUTO REPAIR</b>	<b>42 DOWNTOWN PLAZA</b>	<b>N 0 - 1/8 (0.008 mi.)</b>	<b>C14</b>	<b>44</b>
Facility Status: Closed				
CEDS Facility Id: 200000066815				
Pollution Complaint #: 20035158				
<b>FIRST BAPTIST CHURCH</b>	<b>418 E BUTE ST</b>	<b>NNW 0 - 1/8 (0.068 mi.)</b>	<b>21</b>	<b>57</b>
Facility Status: Closed				
CEDS Facility Id: 200000065159				
Pollution Complaint #: 19992389				
<b>7 ELEVEN 10656</b>	<b>712 W CHURCH RD</b>	<b>NE 1/8 - 1/4 (0.197 mi.)</b>	<b>36</b>	<b>115</b>
Facility Status: Closed				
CEDS Facility Id: 200000097372				
Pollution Complaint #: 19911578				
<b>YOUNGS PARK ELEMENTA</b>	<b>543 OLNEY EAST ROAD</b>	<b>N 1/8 - 1/4 (0.233 mi.)</b>	<b>42</b>	<b>132</b>
Facility Status: Closed				
CEDS Facility Id: 200000067833				
Pollution Complaint #: 19901773				
<b>LET US PRODUCE</b>	<b>620 E OLNEY RD</b>	<b>NNE 1/4 - 1/2 (0.274 mi.)</b>	<b>M57</b>	<b>162</b>
Facility Status: Closed				
CEDS Facility Id: 200000224072				
Pollution Complaint #: 20065148				
<b>NRHA - YOUNG TERRACE</b>	<b>816 WHITAKER LANE</b>	<b>N 1/4 - 1/2 (0.346 mi.)</b>	<b>66</b>	<b>184</b>
Facility Status: Closed				
CEDS Facility Id: 200000066380				
Pollution Complaint #: 19920697				
<b>CAROLINA TRAILWAYS</b>	<b>120 E. MAIN ST.</b>	<b>WSW 1/4 - 1/2 (0.441 mi.)</b>	<b>U80</b>	<b>229</b>
Facility Status: Closed				
CEDS Facility Id: 200000064417				
Pollution Complaint #: 19972287				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>HAMPTON ROADS CHAMBE</b>	<b>485 ST PAULS BLVD</b>	<b>WNW 0 - 1/8 (0.052 mi.)</b>	<b>16</b>	<b>49</b>
Facility Status: Closed				
CEDS Facility Id: 200000065437				
Pollution Complaint #: 20015055				
<b>US POSTAL SERVICE -</b>	<b>600 CHURCH ST</b>	<b>ENE 0 - 1/8 (0.107 mi.)</b>	<b>E24</b>	<b>61</b>
Facility Status: Closed				
CEDS Facility Id: 200000067441				
Pollution Complaint #: 20065105				
<b>US POSTAL SERVICE -</b>	<b>600 CHURCH ST</b>	<b>ENE 0 - 1/8 (0.107 mi.)</b>	<b>E28</b>	<b>100</b>
Facility Status: Closed				
CEDS Facility Id: 200000067441				
Pollution Complaint #: 19901020				
<b>FREEMASON STREET BAP</b>	<b>400 E FREEMASON ST</b>	<b>W 0 - 1/8 (0.118 mi.)</b>	<b>29</b>	<b>100</b>
Facility Status: Closed				
CEDS Facility Id: 200000847882				
Pollution Complaint #: 20085044				
<b>VIRGINIA POWER-FORME</b>	<b>539 OR 541 EAST CITY</b>	<b>SW 1/8 - 1/4 (0.143 mi.)</b>	<b>F32</b>	<b>106</b>
Facility Status: Closed				
CEDS Facility Id: 200000067595				

## EXECUTIVE SUMMARY

Pollution Complaint #: 19972235				
<b>NORFOLK CITY OF - PO</b>	<b>811 E. CITY HALL</b>	<b>SSW 1/8 - 1/4 (0.157 mi.)</b>	<b>G33</b>	<b>108</b>
Facility Status: Closed				
CEDS Facility Id: 200000066604				
Pollution Complaint #: 19943124				
<b>CITY OF NORFOLK - PL</b>	<b>PLUME ST AND SAINT P</b>	<b>SSW 1/8 - 1/4 (0.174 mi.)</b>	<b>35</b>	<b>114</b>
Facility Status: Closed				
CEDS Facility Id: 200000852933				
Pollution Complaint #: 20105119				
<b>ONE STOP FOOD MART #</b>	<b>900 BRAMBLETON AVENU</b>	<b>ENE 1/8 - 1/4 (0.207 mi.)</b>	<b>H38</b>	<b>118</b>
Facility Status: Closed				
CEDS Facility Id: 200000195743				
Pollution Complaint #: 20005220				
<b>NORFOLK CITY - PLUM</b>	<b>1001 W BRAMBLETON AV</b>	<b>ENE 1/8 - 1/4 (0.209 mi.)</b>	<b>H39</b>	<b>124</b>
Facility Status: Closed				
CEDS Facility Id: 200000846463				
Pollution Complaint #: 20075109				
<b>CHURCH STREET BP</b>	<b>800 E BRAMBLETON AVE</b>	<b>NE 1/8 - 1/4 (0.225 mi.)</b>	<b>I41</b>	<b>127</b>
Facility Status: Closed				
CEDS Facility Id: 200000089799				
Pollution Complaint #: 20015131				
<b>TIDEWATER PARK ELEME</b>	<b>1045 BRAMBLETON AVEN</b>	<b>E 1/8 - 1/4 (0.240 mi.)</b>	<b>47</b>	<b>145</b>
Facility Status: Closed				
CEDS Facility Id: 200000067352				
Pollution Complaint #: 19931231				
<b>SHOWCASE BUILDING</b>	<b>500 GRANBY STREET</b>	<b>WNW 1/8 - 1/4 (0.241 mi.)</b>	<b>L48</b>	<b>148</b>
Facility Status: Closed				
CEDS Facility Id: 200000201732				
Pollution Complaint #: 20015139				
<b>TITUS SCHOOL</b>	<b>722 CHAPEL STREET</b>	<b>ENE 1/4 - 1/2 (0.251 mi.)</b>	<b>H51</b>	<b>153</b>
Facility Status: Closed				
CEDS Facility Id: 200000087589				
Pollution Complaint #: 19932421				
<b>MONTAGNA'S PROPETIE</b>	<b>437 GRANBY ST</b>	<b>WNW 1/4 - 1/2 (0.257 mi.)</b>	<b>L53</b>	<b>158</b>
Facility Status: Open				
CEDS Facility Id: 200000857775				
Pollution Complaint #: 20135002				
<b>TRAPANI PROPERTY</b>	<b>431 GRANBY ST</b>	<b>WNW 1/4 - 1/2 (0.259 mi.)</b>	<b>L54</b>	<b>158</b>
Facility Status: Closed				
CEDS Facility Id: 200000857776				
Pollution Complaint #: 20135003				
<b>THREE HAPPINESS CHIN</b>	<b>411 GRANBY STREET</b>	<b>WNW 1/4 - 1/2 (0.267 mi.)</b>	<b>N55</b>	<b>159</b>
Facility Status: Closed				
CEDS Facility Id: 200000191269				
Pollution Complaint #: 20005002				
<b>GROWING NORFOLK, LLC</b>	<b>429 GRANBY ST</b>	<b>WNW 1/4 - 1/2 (0.272 mi.)</b>	<b>N56</b>	<b>162</b>
Facility Status: Closed				
CEDS Facility Id: 200000856726				
Pollution Complaint #: 20125089				
<b>NORFOLK SOUTHERN TOW</b>	<b>3 COMMERCIAL PLACE</b>	<b>SW 1/4 - 1/2 (0.287 mi.)</b>	<b>K58</b>	<b>163</b>

## EXECUTIVE SUMMARY

Facility Status: Closed CEDS Facility Id: 200000191330 Pollution Complaint #: 20005107				
<b>HUMAN SERVICES BUILD</b> Facility Status: Closed CEDS Facility Id: 200000064145 Pollution Complaint #: 19911589	<b>741 MONTICELLO AVE</b>	<b>NNW 1/4 - 1/2 (0.292 mi.)</b>	<b>O59</b>	<b>164</b>
<b>NORFOLK CITY OF - RU</b> Facility Status: Closed CEDS Facility Id: 200000066850 Pollution Complaint #: 19921669 Pollution Complaint #: 19921529 Pollution Complaint #: 19921528	<b>489 TIDEWATER DRIVE</b>	<b>ESE 1/4 - 1/2 (0.295 mi.)</b>	<b>60</b>	<b>165</b>
<b>EAGLETONS</b> Facility Status: Closed CEDS Facility Id: 200000194463 Pollution Complaint #: 20005157	<b>430 BOUSH STREET</b>	<b>WNW 1/4 - 1/2 (0.305 mi.)</b>	<b>P61</b>	<b>169</b>
FIVE ASSOCIATES LLC Facility Status: Closed CEDS Facility Id: 200000878857 Pollution Complaint #: 20155044	436 BOUSCH ST AND 45	WNW 1/4 - 1/2 (0.316 mi.)	P63	173
<b>PRECISION TUNE</b> Facility Status: Closed CEDS Facility Id: 200000091559 Pollution Complaint #: 19911351	<b>751 MONTICELLO AVE</b>	<b>NNW 1/4 - 1/2 (0.318 mi.)</b>	<b>O64</b>	<b>173</b>
<b>FAIRBANKS MORSE ENGI</b> Facility Status: Closed CEDS Facility Id: 200000858334 CEDS Facility Id: 200000215535 Pollution Complaint #: 20135037 Pollution Complaint #: 20045179	<b>630 TIDEWATER DR</b>	<b>ESE 1/4 - 1/2 (0.339 mi.)</b>	<b>65</b>	<b>183</b>
<b>VIRGINIA PILOT AND T</b> Facility Status: Closed CEDS Facility Id: 200000067591 Pollution Complaint #: 19900518	<b>150 W BRAMBLETON AVE</b>	<b>NW 1/4 - 1/2 (0.353 mi.)</b>	<b>67</b>	<b>197</b>
<b>UPTON STORAGE COMPAN</b> Facility Status: Closed CEDS Facility Id: 200000067463 Pollution Complaint #: 19930993	<b>1125 EAST WATER STRE</b>	<b>S 1/4 - 1/2 (0.365 mi.)</b>	<b>70</b>	<b>214</b>
<b>US FEDERAL BUILDING</b> Facility Status: Closed CEDS Facility Id: 200000065113 Pollution Complaint #: 20075096	<b>200 GRANBY ST</b>	<b>WSW 1/4 - 1/2 (0.368 mi.)</b>	<b>71</b>	<b>219</b>
<b>HOME FEDERAL SAVINGS</b> Facility Status: Closed CEDS Facility Id: 200000089877 Pollution Complaint #: 19943782	<b>701 BOUSH STREET</b>	<b>NW 1/4 - 1/2 (0.392 mi.)</b>	<b>72</b>	<b>221</b>
TIDEWATER DRIVE BUSI Facility Status: Closed CEDS Facility Id: 200000886391 Pollution Complaint #: 20185175	850 TIDEWATER DR	ENE 1/4 - 1/2 (0.397 mi.)	73	222
<b>ALLSAFE SELF STORAGE</b>	<b>1213 EAST BRAMBLETON</b>	<b>ESE 1/4 - 1/2 (0.406 mi.)</b>	<b>74</b>	<b>222</b>



## EXECUTIVE SUMMARY

Facility Status: Closed CEDS Facility Id: 200000063887 Pollution Complaint #: 19952409				
<b>HASLER GROUP</b> Facility Status: Closed CEDS Facility Id: 200000191338 Pollution Complaint #: 20005127	<b>121 WEST TAZEWELL ST</b>	<b>W 1/4 - 1/2 (0.409 mi.)</b>	<b>R75</b>	<b>223</b>
<b>HAMPTON ROADS TRANSI</b> Facility Status: Closed CEDS Facility Id: 200000851295 Pollution Complaint #: 20095108	<b>248 W BUTE ST</b>	<b>WNW 1/4 - 1/2 (0.424 mi.)</b>	<b>76</b>	<b>224</b>
<b>FORMER ATLANTIC PERM</b> Facility Status: Closed CEDS Facility Id: 200000065189 Pollution Complaint #: 19944205	<b>740 BOUSH ST</b>	<b>NW 1/4 - 1/2 (0.431 mi.)</b>	<b>S77</b>	<b>225</b>
<b>COFERS BUILDING</b> Facility Status: Closed CEDS Facility Id: 200000216064 Pollution Complaint #: 20055010	<b>142 W OLNEY RD</b>	<b>NW 1/4 - 1/2 (0.435 mi.)</b>	<b>T78</b>	<b>227</b>
<b>UNION MISSION</b> Facility Status: Closed CEDS Facility Id: 200000853464 Pollution Complaint #: 20105150	<b>130 BROOKE AVE</b>	<b>W 1/4 - 1/2 (0.437 mi.)</b>	<b>R79</b>	<b>228</b>
SEABOARD BUILDING Facility Status: Closed CEDS Facility Id: 200000879572 Pollution Complaint #: 20155129	100 W PLUME ST	WSW 1/4 - 1/2 (0.443 mi.)	81	233
<b>NORFOLK CITY OF - CI</b> Facility Status: Closed CEDS Facility Id: 200000064563 Pollution Complaint #: 19930776	<b>112 W. CITY HALL AVE</b>	<b>WSW 1/4 - 1/2 (0.443 mi.)</b>	<b>82</b>	<b>233</b>
<b>DAVENPORT'S TEXACO S</b> Facility Status: Closed CEDS Facility Id: 200000064938 Pollution Complaint #: 19992284	<b>759 BOUSH STREET</b>	<b>NW 1/4 - 1/2 (0.469 mi.)</b>	<b>S84</b>	<b>240</b>
<b>7-ELEVEN #38164</b> Facility Status: Closed CEDS Facility Id: 200000091026 Pollution Complaint #: 19920379	<b>770 BOUSH ST</b>	<b>NW 1/4 - 1/2 (0.472 mi.)</b>	<b>T85</b>	<b>241</b>
<b>FENSKA PROPERTY - PE</b> Facility Status: Closed CEDS Facility Id: 200000066545 Pollution Complaint #: 20145079	<b>635 MALTBY AVENUE</b>	<b>ESE 1/4 - 1/2 (0.475 mi.)</b>	<b>86</b>	<b>253</b>
<b>GHENT OFFICE - CENIT</b> Facility Status: Closed CEDS Facility Id: 200000065295 Pollution Complaint #: 19972354	<b>745 DUKE ST</b>	<b>NW 1/4 - 1/2 (0.476 mi.)</b>	<b>87</b>	<b>255</b>
<b>US CUSTOM HOUSE</b> Facility Status: Closed CEDS Facility Id: 200000067440 Pollution Complaint #: 20015019	<b>101 E MAIN STREET</b>	<b>WSW 1/4 - 1/2 (0.483 mi.)</b>	<b>U88</b>	<b>256</b>
<b>CITY OF NORFOLK MAIN</b>	<b>736 CECELIA ST</b>	<b>E 1/4 - 1/2 (0.500 mi.)</b>	<b>92</b>	<b>263</b>

## EXECUTIVE SUMMARY

Facility Status: Closed  
 CEDS Facility Id: 200000066031  
 Pollution Complaint #: 20075089

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

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

A review of the VA UST list, as provided by EDR, and dated 10/30/2018 has revealed that there are 18 VA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NORFOLK CITY - FIRE</b> Tank Status: CURR IN USE Facility Id: 5040187 CEDS Facility ID: 200000224855	<b>450 SAINT PAUL BLVD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>B8</b>	<b>24</b>
<b>HOLIDAY FOODS #405</b> Tank Status: REM FROM GRD Tank Status: CURR IN USE Facility Id: 5003737 CEDS Facility ID: 200000063935	<b>418 SAINT PAULS BOUL</b>	<b>W 0 - 1/8 (0.004 mi.)</b>	<b>B11</b>	<b>29</b>
<b>ROLANDS AUTO REPAIR</b> Tank Status: CLS IN GRD Facility Id: 5021071 CEDS Facility ID: 200000066815	<b>42 DOWNTOWN PLAZA</b>	<b>N 0 - 1/8 (0.008 mi.)</b>	<b>C14</b>	<b>44</b>
<b>YOUNGS PARK ELEMENTA</b> Tank Status: PERM OUT OF USE Facility Id: 5025013 CEDS Facility ID: 200000067833	<b>543 OLNEY EAST ROAD</b>	<b>N 1/8 - 1/4 (0.233 mi.)</b>	<b>42</b>	<b>132</b>
CITY HALL BOILER ROO Tank Status: PERM OUT OF USE Facility Id: 5004705 CEDS Facility ID: 200000066318	920 EAST MAIN STREET	S 1/8 - 1/4 (0.237 mi.)	J44	137
HAMPTON AREA SHORE P Tank Status: REM FROM GRD Facility Id: 5023178 CEDS Facility ID: 200000065414	140 EAST ST	S 1/8 - 1/4 (0.238 mi.)	46	143
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
SCHOOL ADMINIST BLDG Tank Status: PERM OUT OF USE Facility Id: 5003794 CEDS Facility ID: 200000066337	800 EAST CITY HALL A	S 0 - 1/8 (0.054 mi.)	D19	55
CITY OF NORFOLK DEPA Tank Status: REM FROM GRD Facility Id: 5026132 CEDS Facility ID: 200000064578	310 CUMBERLAND STREE	SW 0 - 1/8 (0.098 mi.)	22	58
<b>USPS - NORFOLK VEHIC</b>	<b>600 CHURCH ST</b>	<b>ENE 0 - 1/8 (0.107 mi.)</b>	<b>E27</b>	<b>77</b>

## EXECUTIVE SUMMARY

Tank Status: CURR IN USE Tank Status: REM FROM GRD Facility Id: 5014521 CEDS Facility ID: 200000067441				
NORFOLK FIRE STATION	540 E. CITY HALL AVE	SW 0 - 1/8 (0.123 mi.)	F30	101
Tank Status: REM FROM GRD Facility Id: 5022540 CEDS Facility ID: 200000091050				
FIRST BAPTIST CHURCH	431 E BRAMBLETON AVE	N 1/8 - 1/4 (0.134 mi.)	31	103
Tank Status: CLS IN GRD Facility Id: 5003960 CEDS Facility ID: 200000089867				
<b>VIRGINIA POWER-FORME</b>	<b>539 OR 541 EAST CITY</b>	<b>SW 1/8 - 1/4 (0.143 mi.)</b>	<b>F32</b>	<b>106</b>
Tank Status: PERM OUT OF USE Facility Id: 5027786 CEDS Facility ID: 200000067595				
NORFOLK POLICE DEPAR	811 E. CITY HALL	SSW 1/8 - 1/4 (0.157 mi.)	G34	109
Tank Status: REM FROM GRD Facility Id: 5007940 CEDS Facility ID: 200000066604				
<b>ONE STOP FOOD MART #</b>	<b>900 BRAMBLETON AVENU</b>	<b>ENE 1/8 - 1/4 (0.207 mi.)</b>	<b>H38</b>	<b>118</b>
Tank Status: CURR IN USE Tank Status: REM FROM GRD Facility Id: 5037733 CEDS Facility ID: 200000195743				
<b>CHURCH STREET BP</b>	<b>800 E BRAMBLETON AVE</b>	<b>NE 1/8 - 1/4 (0.225 mi.)</b>	<b>I41</b>	<b>127</b>
Tank Status: CURR IN USE Facility Id: 5024425 CEDS Facility ID: 200000089799				
PLAZA ONE BUILDING	550 EAST MAIN STREET	SW 1/8 - 1/4 (0.238 mi.)	K45	142
Tank Status: CLS IN GRD Facility Id: 5000563 CEDS Facility ID: 200000091544				
<b>TIDEWATER PARK ELEME</b>	<b>1045 BRAMBLETON AVEN</b>	<b>E 1/8 - 1/4 (0.240 mi.)</b>	<b>47</b>	<b>145</b>
Tank Status: CLS IN GRD Facility Id: 5026610 CEDS Facility ID: 200000067352				
WALTER E. HOFFMAN CO	600 GRANBY STREET	NW 1/8 - 1/4 (0.242 mi.)	49	149
Tank Status: PERM OUT OF USE Facility Id: 5003950 CEDS Facility ID: 200000067635				

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

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

A review of the VA VCP list, as provided by EDR, and dated 10/31/2018 has revealed that there is 1 VA

## EXECUTIVE SUMMARY

VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN SIGN &amp; FLAG</b> Facility ID: VRP00604	<b>313 RESERVOIR AVE</b>	<b>ESE 1/4 - 1/2 (0.486 mi.)</b>	<b>V89</b>	<b>257</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Brownfield lists**

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HARBOR PARK SITE</b> ACRES property ID: 233681	<b>150 PARK AVENUE</b>	<b>SSE 1/4 - 1/2 (0.468 mi.)</b>	<b>83</b>	<b>234</b>

#### **Other Ascertainable Records**

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DRY CLEANING OF VIRG EPA ID:: VAD988223467	#71 DOWNTOWN PLAZA 3	0 - 1/8 (0.000 mi.)	A9	26
<b>REPROGRAPHICS &amp; DIST</b> EPA ID:: VAD988222667	<b>920 E MAIN ST</b>	<b>S 1/8 - 1/4 (0.237 mi.)</b>	<b>J43</b>	<b>135</b>
<b>WILLIAMS, T C CLEANE</b> EPA ID:: VAD982580540	<b>635 E OLNEY</b>	<b>NNE 1/8 - 1/4 (0.247 mi.)</b>	<b>M50</b>	<b>151</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USPS-NORFOLK P&DC/VM EPA ID:: VA2180090027	600 CHURCH ST	ENE 0 - 1/8 (0.107 mi.)	E25	64

## EXECUTIVE SUMMARY

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/15/2018 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMOCO #2033-TANKS</b> Registry ID: 110005244743	<b>18 DOWNTOWN PLAZA</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A10</b>	<b>27</b>

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

A review of the ECHO list, as provided by EDR, and dated 09/02/2018 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMOCO #2033-TANKS</b> Registry ID: 110005244743	<b>18 DOWNTOWN PLAZA</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A10</b>	<b>27</b>

**VA Financial Assurance:** A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

A review of the VA Financial Assurance list, as provided by EDR, has revealed that there is 1 VA Financial Assurance site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NORFOLK CITY - FIRE</b> Database: Financial Assurance 1, Date of Government Version: 11/03/2018 Facility ID: 5040187 ROF Own Id: 27233	<b>450 SAINT PAUL BLVD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>B8</b>	<b>24</b>

**PA MANIFEST:** Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 2 PA MANIFEST 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>
NORFOLK PUBLIC SCHOO Generator EPA Id: VAD988174181	800 E CITY HALL AVE	S 0 - 1/8 (0.054 mi.)	D20	56
USPS NORFOLK P&DC/VM	600 CHURCH STREET	ENE 0 - 1/8 (0.107 mi.)	E23	59

## EXECUTIVE SUMMARY

Generator EPA Id: VA2180090027

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

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST 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>
NORFOLK PUBLIC SCHO EPA ID: VAD988174181	800 EAST CITY HALL A	S 0 - 1/8 (0.054 mi.)	D17	50

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORFOLK TOWN GAS	MONTICELLO AND VA BE	NNW 1/2 - 1 (0.536 mi.)	93	267

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

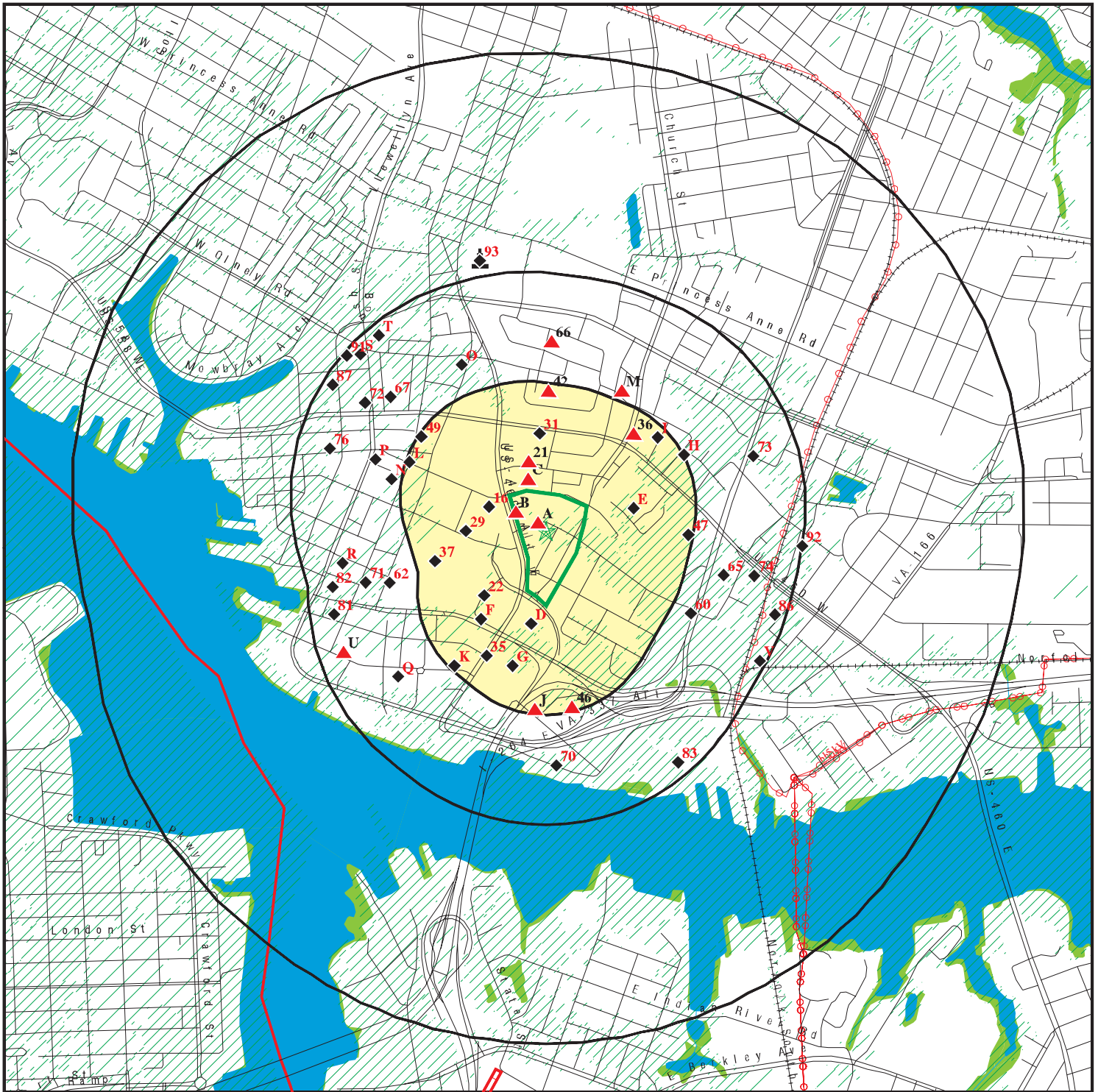
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAINT PAULS TEXACO	418 SAINT PAULS BLVD	W 0 - 1/8 (0.004 mi.)	B12	42













## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 21 records.

<u>Site Name</u>	<u>Database(s)</u>
NORFOLK TOWN GAS F & C CAROLINA CENTURY BREWERY (FORMER)	SEMS-ARCHIVE SEMS-ARCHIVE VA ENG CONTROLS, VA INST CONTROL, VA VCP
HERITAGE APARTMENTS - PARCELS 14 - FIRST AMERICAN BANK NORFOLK CITY OF - DEVELOPMENT DEPT SUBURBAN PARK SHOPPING CENTER NORFOLK CITY - BOUSH STREET PARKIN ESSO - BANK STREET AND CHARLOTTE S RESIDENCE INN - FUTURE CHEVRON ASPHALT PLANT BRISTOL AT GHENT PHASE II PROPERTY HAMPTON ROADS TRANSIT AUTHORITY-NL HRSD SOUTH TRUNK SEWER CORRIDOR ELIZABETH RIVER LAND COMPANY PROPE PORTSMOUTH SAFETY FACILITY HAMPTON ROADS TRANSIT AUTHORITY-AB HRSD - SOUTH TRUCK SECTON G GREEN AT GHENT (FORMERLY BRISTOL A NORFOLK GAS PLANT CITY OF NORFOLK - PLUME ST AND SAI	VA LUST VA LUST, VA UST VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS, VA UST VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST, VA LTANKS VA LUST VA LUST, VA LTANKS VA LTANKS VA LTANKS VA VCP VA VCP VA RGA LUST

# OVERVIEW MAP - 5565099.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  County Boundary
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory



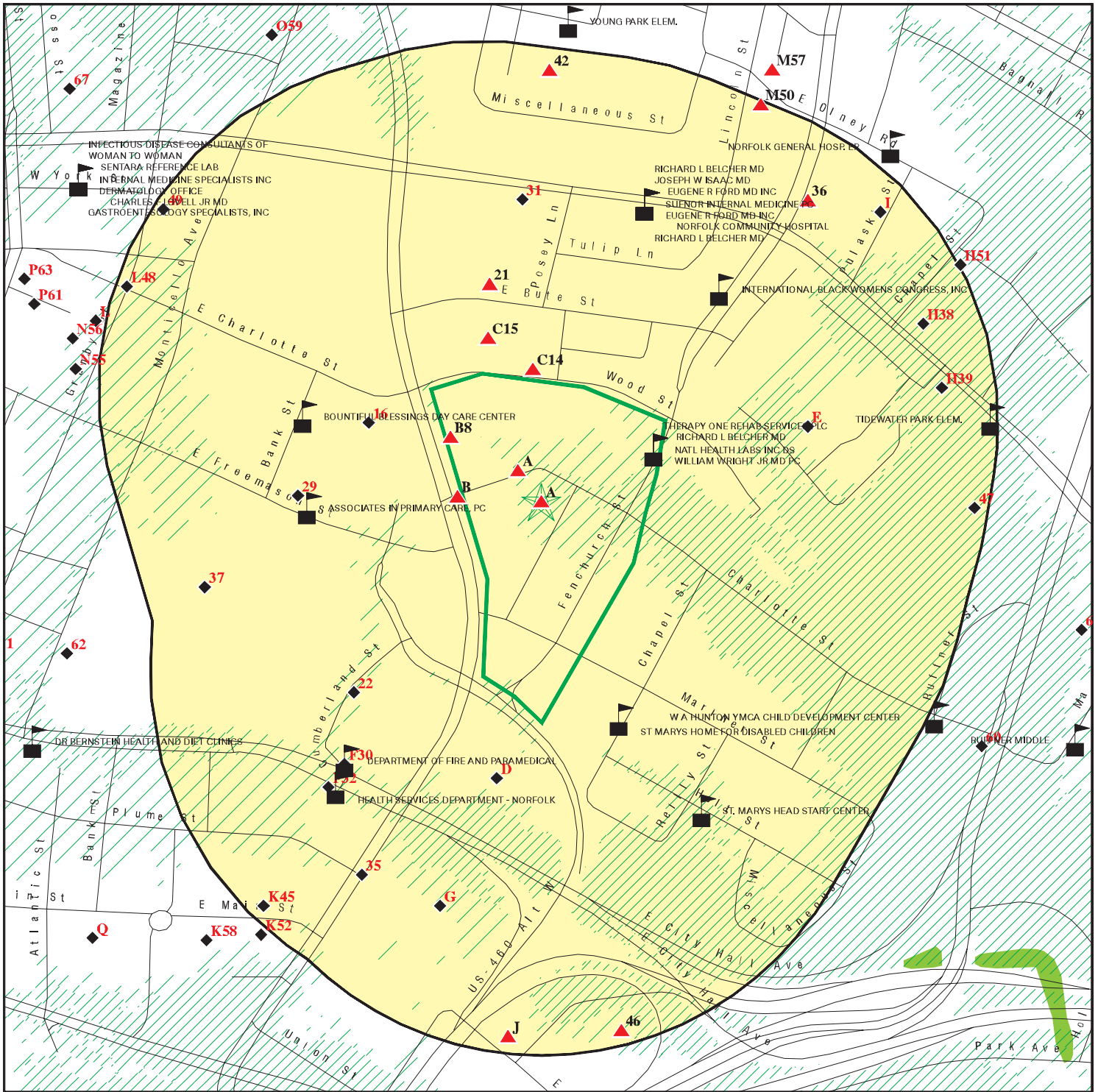
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: St. Pauls Blvd. Transit Site  
 ADDRESS: 300 St Pauls Blvd  
 Norfolk VA 23510  
 LAT/LONG: 36.850262 / 76.283487

CLIENT: SCS Engineers  
 CONTACT: Alexis Holcomb  
 INQUIRY #: 5565099.2s  
 DATE: February 20, 2019 8:05 am

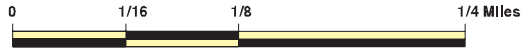


# DETAIL MAP - 5565099.2S



- 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
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory



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

SITE NAME: St. Pauls Blvd. Transit Site  
 ADDRESS: 300 St Pauls Blvd  
 Norfolk VA 23510  
 LAT/LONG: 36.850262 / 76.283487

CLIENT: SCS Engineers  
 CONTACT: Alexis Holcomb  
 INQUIRY #: 5565099.2s  
 DATE: February 20, 2019 8:07 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250	1	2	1	NR	NR	NR	4
RCRA-CESQG	0.250		2	1	NR	NR	NR	3
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001	1	0	NR	NR	NR	NR	1
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
VA SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
VA SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
VA LUST	0.500	1	6	9	34	NR	NR	50
INDIAN LUST	0.500		0	0	0	NR	NR	0
VA LTANKS	0.500	1	7	10	34	NR	NR	52
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
VA UST	0.250	2	7	11	NR	NR	NR	20
VA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
VA ENG CONTROLS	0.500		0	0	0	NR	NR	0
VA INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VA VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
VA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
VA SPILLS	0.001		0	NR	NR	NR	NR	0
VA SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		2	2	NR	NR	NR	4
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	2	1	NR	NR	NR	NR	3
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	1	NR	NR	NR	NR	2
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
VA AIRS	0.001		0	NR	NR	NR	NR	0
VA NPDES	0.001		0	NR	NR	NR	NR	0
VA COAL ASH	0.500		0	0	0	NR	NR	0
VA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
VA ENF	0.001		0	NR	NR	NR	NR	0
VA Financial Assurance	0.001		1	NR	NR	NR	NR	1
PA MANIFEST	0.250		2	0	NR	NR	NR	2
NY MANIFEST	0.250		1	0	NR	NR	NR	1
VA TIER 2	0.001		0	NR	NR	NR	NR	0
VA UIC	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125	1	1	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

VA RGA LF	0.001		0	NR	NR	NR	NR	0
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
VA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		10	33	34	72	1	0	150

**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

300 ST PAUL BLVD  
NORFOLK, VA 23510

ERNS 95296527  
N/A

Site 1 of 9 in cluster A

Actual:  
10 ft.

Incident Commons:  
NRC Report #: 296527  
Description of Incident: FUEL TANK ON TRUCK//UNKNOWN  
Type of Incident: MOBILE  
Incident Cause: UNKNOWN  
Incident Date Time: 1995-06-21 18:49:00  
Incident DTG: OCCURRED  
Incident Location: Not reported  
Loaction Address: 300 ST PAUL BLVD  
Location Street 1: Not reported  
Location Street 2: Not reported  
Location Nearest City: NORFOLK  
Location State: VA  
Location County: NORFOLK  
Location Zip: 23510  
Distance From City: Not reported  
Distance Units: Not reported  
Direction From City: Not reported  
Lat Deg: Not reported  
Lat Min: Not reported  
Lat Sec: Not reported  
Lat Quad: Not reported  
Long Deg: Not reported  
Long Min: Not reported  
Long Sec: Not reported  
Long Quad: Not reported  
Location Section: Not reported  
Location Township: Not reported  
Location range: Not reported  
Potential Range: Not reported

Incidents:  
NRC Report #: 296527  
Aircraft Type: UNKNOWN  
Aircraft Model: Not reported  
Aircraft ID: Not reported  
Aircraft Fuel Capacity: Not reported  
Aircraft Fuel Capacity Units: Not reported  
Aircraft Fuel on Board: Not reported  
Aircraft Fuel on Board Units: Not reported  
Aircraft Spot Number: Not reported  
Aircraft Hanger: Not reported  
Aircraft Runway Number: Not reported  
Road Mile Marker: Not reported  
Building ID: Not reported  
Type of Fixed Object: UNKNOWN  
Power Generating Facility: U  
Generating Capacity: Not reported  
Type of Fuel: Not reported  
NPDES: Not reported  
NPDES Compliance: U  
Pipeline Type: UNKNOWN  
DOT Regulated: U  
Pipeline Above Ground: ABOVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

95296527

Exposed Underwater:	U
Pipeline Covered:	U
Railroad Hotline:	N
Grade Crossing:	N
Location Subdivision:	Not reported
Railroad Milepost:	UNKNOWN
Type Vehicle Involved:	UNKNOWN
Crossing Device Type:	Not reported
Device Operational:	Y
DOT Crossing Number:	Not reported
Brake Failure:	N
Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSF Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	N
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	Y
Airbag Deployed:	Not reported
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported
Other Employee Testing:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

95296527

Unknown Testing: Not reported  
Passenger Handling: Not reported  
Passenger Route: XXX  
Passenger Delay: XXX

Incident Details:

NRC Report #: 296527  
Fire Involved: N  
Fire Extinguished: U  
Any Evacuations: N  
Number Evacuated: Not reported  
Who Evacuated: Not reported  
Radius of Evacuation: Not reported  
Any Injuries: U  
Number Injured: Not reported  
Number Hospitalized: Not reported  
Any Fatalities: U  
Number Fatalities: Not reported  
Any Damages: N  
Damage Amount: Not reported  
Air Corridor Closed: N  
Air Corridor Desc: Not reported  
Air Closure Time: Not reported  
Waterway Closed: N  
Waterway Desc: Not reported  
Waterway Closure Time: Not reported  
Road Closed: N  
Road Desc: Not reported  
Road Closure Time: Not reported  
Closure Direction: Not reported  
Major Artery: N  
Track Closed: N  
Track Desc: Not reported  
Track Closure Time: Not reported  
Media Interest: Not reported  
Medium Desc: LAND  
Additional Medium Info: SOIL  
Body of Water: Not reported  
Tributary of: Not reported  
Release Secured: U  
Estimated Duration of Release: Not reported  
Release rate: Not reported  
Desc Remedial Action: LEAK SECURED//POLLUTION RESPONSE TEAM EN ROUTE  
State Agency on Scene: Not reported  
State Agency Report Number: Not reported  
Other Agency Notified: Not reported  
Weather Conditions: Not reported  
Air Temperature: Not reported  
Wind Speed: Not reported  
Wind Direction: Not reported  
Water Supply Contaminated: U  
Sheen Size: Not reported  
Sheen Color: Not reported  
Direction of Sheen Travel: Not reported  
Sheen Odor Description: Not reported  
Wave Condition: Not reported  
Current Speed: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

95296527

Current Direction: Not reported  
Water Temperature: Not reported  
Track Close Dir: Not reported  
Empl Fatality: Not reported  
Pass Fatality: Not reported  
Community Impact: N  
Wind Speed Unit: Not reported  
Employee Injuries: Not reported  
Passenger Injuries: Not reported  
Occupant Fatality: Not reported  
Current Speed Unit: Not reported  
Road Closure Units: Not reported  
Track CLosure Units: Not reported  
Sheen Size Units: Not reported  
Additional Info: WILL NOTIFY:VADS  
State Agency Notified: Not reported  
Federal Agency Notified: Not reported  
nearest River Mile Marker: Not reported  
Sheen Size Length: Not reported  
Sheen Size Length Units: Not reported  
Sheen Size Width: Not reported  
Sheen Size Width Units: Not reported  
Offshore: N  
Duration Unit: Not reported  
Release Rate Unit: Not reported  
Release Rate Rate: Not reported  
Passengers Transferred: UNK

Mobile Detail:

NRC Report #: 296527  
Vehicle Number: UNKNOWN1  
Trailer Number: Not reported  
Vehicle Own Fuel Capacity: Not reported  
Cargo Capacity: Not reported  
Amount of Cargo on Board: Not reported  
Hazmat Carrier: U  
Carrier Licensed: U  
Noncompliance With Hazmat: U  
Mobile Type: UNKNOWN  
Cargo Capacity Units: Not reported  
Amount of Cargo on Board Units: Not reported  
Vehicle Year: Not reported  
Vehicle Make: Not reported  
Vehicle Model: Not reported

Calls:

NRC Report #: 296527  
Site ID: 95296527  
Date Time Received: 1995-06-21 19:24:13  
Date Time Complete: 1995-06-21 19:30:47  
Call Type: INC  
Responsible Company: Not reported  
Responsible Org Type: UNKNOWN  
Responsible City: Not reported  
Responsible State: XX  
Responsible Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

95296527

On Behalf: Not reported  
Source: UNAVAILABLE

Material Involved:  
NRC Report #: 296527  
Chris Code: ODS  
Case Number: Not reported  
UN Number: Not reported  
Amount of Material: 150  
Unit of Measure: GALLON(S)  
Name of Material: OIL: DIESEL  
If Reached Water: YES  
Amount in Water: 0  
Unit of Measure Reach Water: NONE

A2  
Target  
Property

U S NORFOLK REDEVELOPMENT & HSG AUTH  
450 WALKE ST TIDEWATER GARDENS  
NORFOLK, VA 23504

RCRA-SQG 1000696762  
FINDS VA6860000995  
ECHO

Site 2 of 9 in cluster A

Actual:  
10 ft.

RCRA-SQG:  
Date form received by agency: 03/08/1993  
Facility name: U S NORFOLK REDEVELOPMENT & HSG AUTH  
Facility address: 450 WALKE ST TIDEWATER GARDENS  
VA 6-2 VA 6-9  
NORFOLK, VA 23504  
EPA ID: VA6860000995  
Mailing address: 910 BALLENTINE BLVD  
NORFOLK, VA 23504  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 03  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: NORFOLK REDEVELOPMENT & HSG AUTH  
Owner/operator address: PO BOX 968  
NORFOLK, VA 23501  
Owner/operator country: Not reported  
Owner/operator telephone: 804-623-1111  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U S NORFOLK REDEVELOPMENT & HSG AUTH (Continued)**

**1000696762**

Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/31/1992  
Site name: U S NORFOLK REDEVELOPMENT & HSG AUTH  
Classification: Small Quantity Generator

. Waste code: D000  
. Waste name: Not Defined

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

. Waste code: D008  
. Waste name: LEAD

Facility Has Received Notices of Violations:

Regulation violated: SR - VHWMR 6.4.E, 9.3  
Area of violation: Generators - General  
Date violation determined: 09/24/1992  
Date achieved compliance: 12/07/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/08/1992  
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: SR - VHWMR 9.1.G.4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U S NORFOLK REDEVELOPMENT & HSG AUTH (Continued)**

**1000696762**

Area of violation: Generators - General  
Date violation determined: 09/24/1992  
Date achieved compliance: 12/07/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/08/1992  
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: SR - VHWMR 6.4.E, 9.1.G  
Area of violation: Generators - Records/Reporting  
Date violation determined: 09/24/1992  
Date achieved compliance: 12/07/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/08/1992  
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: 09/24/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Records/Reporting  
Date achieved compliance: 12/07/1992  
Evaluation lead agency: State

Evaluation date: 09/24/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/07/1992  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110005216220

**Environmental Interest/Information System**

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.

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U S NORFOLK REDEVELOPMENT & HSG AUTH (Continued)**

**1000696762**

ECHO:

Envid: 1000696762  
 Registry ID: 110005216220  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005216220>

**A3  
 Target  
 Property**

**ST MARYS INFANT HOME  
 317 CHAPEL ST.  
 NORFOLK, VA 23504**

**VA UST U003689535  
 N/A**

**Site 3 of 9 in cluster A**

**Actual:  
 10 ft.**

Facility:

Facility Id: 5004357  
 Facility Type: RESIDENTIAL  
 CEDS Facility ID: 200000067127

Owner:

Owner Id: 32743  
 Owner Name: St Marys Home for Disable Children  
 Owner Address: 317 Chapel Street  
 Owner Address2: Not reported  
 Owner City, State, Zip: Norfolk, VA 23504  
 Owner Type: COMMERCIAL  
 Number of Active AST: 0  
 Number of Active UST: 0  
 Number of Inactive AST: 0  
 Number of Inactive UST: 2

UST:

Facility ID: 5004357  
 Federally Regulated: Yes

Tank Number: 1  
 Tank Capacity: Not reported  
 Tank Contents: UNKNOWN  
**Tank Status: CLS IN GRD**  
 Tank Type: UST

Tank Material:

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

Release Detection:

Tank Release Detection: Leak Deferred No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ST MARYS INFANT HOME (Continued)**

**U003689535**

Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5004357
Federally Regulated:	No
Tank Number:	2
Tank Capacity:	8000
Tank Contents:	KEROSENE
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/15/1977
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ST MARYS INFANT HOME (Continued)**

**U003689535**

Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

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

**A4  
 Target  
 Property**

**ROLANDS AUTO SERVICE CENTER  
 300 SAINT PAULS BLVD  
 NORFOLK, VA 23510**

**EDR Hist Auto 1020475095  
 N/A**

**Site 4 of 9 in cluster A**

**Actual:  
 10 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	EVERTON DONALD G	Gasoline Service Stations
1970	EVERTON DONALD G	Gasoline Service Stations
1971	EVERTON DONALD G	Gasoline Service Stations
1972	EVERTON DONALD G	Gasoline Service Stations

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ROLANDS AUTO SERVICE CENTER (Continued)**

**1020475095**

1973	EVERTON DONALD G	Gasoline Service Stations
1974	EVERTON DONALD G	Gasoline Service Stations
1975	EVERTON DONALD G	Gasoline Service Stations
2001	ROLANDS AUTO SERVICE CENTER	General Automotive Repair Shops
2002	ROLANDS AUTO SERVICE CENTER	General Automotive Repair Shops
2003	ROLANDS AUTO SERVICE CENTER	General Automotive Repair Shops

**A5**  
**Target**  
**Property**

**NRHA-TIDEWATER PARK 629**  
**450 WALKE STREET**  
**NORFOLK, VA 23501**

**VA LUST** **S105984939**  
**VA LTANKS** **N/A**

**Site 5 of 9 in cluster A**

**Actual:**  
**10 ft.**

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000066379  
**Facility Status: Closed**  
 Completed Date: 10/10/1990  
 Pollution Complaint Num: 19910528  
 Fed Regulated Tank: Yes  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: FREE PRODUCT IN SOILS DURING REMOVAL OF USTS.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000066379  
**Facility Status: Closed**  
 Completed Date: 08/12/1994  
 Pollution Complaint Num: 19910528  
 Fed Regulated Tank: Yes  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED-NFA REQUIRED.

LTANKS:  
 Region: TRO  
 CEDS Facility Id: 200000066379  
**Case Status: Closed**  
 Pollution Complaint #: 19910528  
 Reported: 10/10/1990  
 Case Closed Date: 08/12/1994  
 Program: RP Lead  
 Federally Regulated UST (Y/N): Y  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): N  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NRHA-TIDEWATER PARK 629 (Continued)**

**S105984939**

Heating Oil Category: Not reported

**A6  
Target  
Property**

**ST. MARY'S INFANT HOME  
317 CHAPEL STREET  
NORFOLK, VA 23508**

**FINDS 1004611320  
N/A**

**Site 6 of 9 in cluster A**

**Actual:  
10 ft.**

**FINDS:**

Registry ID: 110011500465

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

**A7  
Target  
Property**

**NRHA - TIDEWATER PARK VA6-29  
450 WALKE STREET  
NORFOLK, VA 23501**

**VA UST U003692160  
N/A**

**Site 7 of 9 in cluster A**

**Actual:  
10 ft.**

**Facility:**

Facility Id: 5022283  
Facility Type: LOCAL  
CEDS Facility ID: 200000066379

**Owner:**

Owner Id: 31444  
Owner Name: NORFOLK REDEVELOPMENT HOUSING AUTHORITY  
Owner Address: 201 GRANBY MALL  
Owner Address2: Not reported  
Owner City, State, Zip: NORFOLK, VA 23501  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 4

**UST:**

Facility ID: 5022283  
Federally Regulated: No

Tank Number: 1  
Tank Capacity: 10000  
Tank Contents: HEATING OIL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - TIDEWATER PARK VA6-29 (Continued)

U003692160

Tank Material:

Install Date:	11/16/1965
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - TIDEWATER PARK VA6-29 (Continued)

U003692160

Facility ID:	5022283
Federally Regulated:	No
Tank Number:	2
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	11/16/1965
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - TIDEWATER PARK VA6-29 (Continued)

U003692160

Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5022283
Federally Regulated:	No
Tank Number:	UL616196
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	11/5/1990
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	Yes
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	Yes
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	Yes
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - TIDEWATER PARK VA6-29 (Continued)

U003692160

Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5022283
Federally Regulated:	No
Tank Number:	UL616197
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	11/5/1990
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	Yes
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	Yes
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NRHA - TIDEWATER PARK VA6-29 (Continued)**

**U003692160**

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

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

**B8**

**NORFOLK CITY - FIRE STATION 1  
 450 SAINT PAUL BLVD  
 NORFOLK, VA 23510**

**VA UST U004066985  
 VA Financial Assurance N/A**

< 1/8  
 1 ft.

**Site 1 of 4 in cluster B**

**Relative:  
 Higher**

Facility:	
Facility Id:	5040187
Facility Type:	LOCAL
CEDS Facility ID:	200000224855

**Actual:  
 10 ft.**

Owner:	
Owner Id:	27233
Owner Name:	City of Norfolk
Owner Address:	2840 Dana Street
Owner Address2:	Attn: William Clendenin
Owner City, State, Zip:	Norfolk, VA 23509
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	1
Number of Inactive AST:	0
Number of Inactive UST:	0

UST:	
Facility ID:	5040187
Federally Regulated:	Yes

Tank Number:	1
Tank Capacity:	10000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST

Tank Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK CITY - FIRE STATION 1 (Continued)**

**U004066985**

Install Date:	1/1/2004
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

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

VA Financial Assurance 1:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK CITY - FIRE STATION 1 (Continued)**

**U004066985**

Facility ID: 5040187  
Owner Name: City of Norfolk  
ROF Own Id: 27233  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurrence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 10000  
CEDS Facility Name: Norfolk City - Fire Station 1  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

**A9**  
**< 1/8**  
**1 ft.**

**DRY CLEANING OF VIRGINIA BEACH**  
**#71 DOWNTOWN PLAZA 300 ST**  
**NORFOLK, VA 23510**

**RCRA NonGen / NLR**

**1000837823**  
**VAD988223467**

**Site 8 of 9 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**11 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 05/07/2013  
Facility name: DRY CLEANING OF VIRGINIA BEACH  
Facility address: #71 DOWNTOWN PLAZA 300 ST  
PAULS BLVD  
NORFOLK, VA 23510  
EPA ID: VAD988223467  
Contact: DANIEL MARTINI  
Contact address: #71 DOWNTOWN PLAZA 300 ST PAULS BLVD  
NORFOLK, VA 23510  
Contact country: US  
Contact telephone: 804-626-1316  
Contact email: Not reported  
EPA Region: 03  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: DOWNTOWN PLAZA ASSOCIATES LP  
Owner/operator address: PO BOX 9627  
NORFOLK, VA 23505  
Owner/operator country: Not reported  
Owner/operator telephone: 804-484-5700  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DRY CLEANING OF VIRGINIA BEACH (Continued)**

**1000837823**

Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/15/1992  
Site name: DRY CLEANING OF VIRGINIA BEACH  
Classification: Small Quantity Generator

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

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/25/2013  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**A10**  
**AMOCO #2033-TANKS**  
**18 DOWNTOWN PLAZA**  
**< 1/8**  
**1 ft.**  
**NORFOLK, VA 23510**

**RCRA-SQG 1000581186**  
**FINDS VAD988199014**  
**ECHO**

**Site 9 of 9 in cluster A**

**Relative:** RCRA-SQG:  
**Higher** Date form received by agency: 04/24/1991  
**Actual:** Facility name: AMOCO #2033-TANKS  
**11 ft.** Facility address: 18 DOWNTOWN PLAZA  
NORFOLK, VA 23510

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMOCO #2033-TANKS (Continued)**

**1000581186**

EPA ID: VAD988199014  
Mailing address: STE 1500 ONE N CHARLES ST  
BALTIMORE, MD 21201  
Contact: TONI DOUGHERTY  
Contact address: 18 DOWNTOWN PLAZA  
NORFOLK, VA 23510  
Contact country: US  
Contact telephone: 301-625-7858  
Contact email: Not reported  
EPA Region: 03  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: AMOCO OIL COMPANY  
Owner/operator address: STE 1500 ONE N CHARLES ST  
BALTIMORE, MD 21201

Owner/operator country: Not reported  
Owner/operator telephone: 301-625-7856  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: OPERNAME  
Owner/operator address: OPERSTREET  
OPERCITY, AK 99999

Owner/operator country: Not reported  
Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMOCO #2033-TANKS (Continued)**

**1000581186**

Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

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

. Waste code: D018  
 . Waste name: BENZENE

Violation Status: No violations found

**FINDS:**

Registry ID: 110005244743

**Environmental Interest/Information System**

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.

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

**ECHO:**

Envid: 1000581186  
 Registry ID: 110005244743  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005244743>

**B11**  
**West**  
 < 1/8  
 0.004 mi.  
 20 ft.

**HOLIDAY FOODS #405**  
**418 SAINT PAULS BOULEVARD**  
**NORFOLK, VA 23501**  
**Site 2 of 4 in cluster B**

**VA UST** **U003689441**  
**VA Financial Assurance** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**10 ft.**

Facility:  
 Facility Id: 5003737  
 Facility Type: GAS STATION  
 CEDS Facility ID: 200000063935  
 Owner:  
 Owner Id: 33990  
 Owner Name: Amoco Oil Company  
 Owner Address: 1 W Pennsylvania Ave Suite 900  
 Owner Address2: Not reported  
 Owner City, State, Zip: Towson, MD 21204  
 Owner Type: COMMERCIAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Number of Active AST: 0  
Number of Active UST: 2  
Number of Inactive AST: 0  
Number of Inactive UST: 8

Owner Id: 34442  
Owner Name: Suffolk Oil Co Inc  
Owner Address: 724 North Main Street  
Owner Address2: PO Box 1218  
Owner City, State, Zip: SUFFOLK, VA 23434  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 2  
Number of Inactive AST: 0  
Number of Inactive UST: 8

Owner Id: 34753  
Owner Name: Supreme Petroleum Inc  
Owner Address: 1200 Progress Rd  
Owner Address2: Not reported  
Owner City, State, Zip: Suffolk, VA 23434  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 2  
Number of Inactive AST: 0  
Number of Inactive UST: 8

**UST:**

Facility ID: 5003737  
Federally Regulated: Yes

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

**Tank Material:**

Install Date: 12/31/1996  
Tank Materials: Bare Steel No  
Tank Materials: Cath Protect Steel Yes  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note STiP3

**Release Detection:**

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350R w/o CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Overfill Ball Float Valve
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5003737
Federally Regulated:	Yes
Tank Number:	2
Tank Capacity:	8000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	12/31/1996
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Tank Materials: Unknown No  
 Tank Materials: Other No  
 Tank Materials: Other Note STiP3

Release Detection:

Tank Release Detection: Leak Deferred No  
 Tank Release Detection: Manual Gauge No  
 Tank Release Detection: Auto Gauge Yes  
 Tank Release Detection: Tank Tightness No  
 Tank Release Detection: Vapor Monitor No  
 Tank Release Detection: Inventory No  
 Tank Release Detection: Stat Invent Recon No  
 Tank Release Detection: Spill Install Yes  
 Tank Release Detection: Overfill Install Yes  
 Tank Release Detection: Groundwater No  
 Tank Release Detection: Int Sec Containment No  
 Tank Release Detection: Int Double Walled No  
 Tank Release Detection: Other Method No  
 Tank Release Detection: Other Note TLS-350R w/o CSLD  
 Pipe Release Detection: Leak Deferred Not reported  
 Pipe Release Detection: Autoleak Not reported  
 Pipe Release Detection: Line Tightness Yes  
 Pipe Release Detection: Stat Invent Recon No  
 Pipe Release Detection: Groundwater No  
 Pipe Release Detection: Int Sec Containment No  
 Pipe Release Det: Interior Double Walled No  
 Pipe Release Detection: Other Method No  
 Pipe Release Detection: Other Note Overfill Ball Float Valve

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

Facility ID: 5003737  
 Federally Regulated: Yes

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

Tank Material:  
 Install Date: 3/12/1965  
 Tank Materials: Bare Steel Yes  
 Tank Materials: Cath Protect Steel No  
 Tank Materials: Epoxy Steel No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Facility ID:	5003737
Federally Regulated:	Yes

Tank Number:	R2
Tank Capacity:	6000
Tank Contents:	GASOLINE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	3/12/1965
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Facility ID:	5003737
Federally Regulated:	Yes
Tank Number:	R3
Tank Capacity:	6000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	3/12/1965
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5003737
Federally Regulated:	Yes
Tank Number:	R4
Tank Capacity:	550
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	3/12/1965
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5003737
Federally Regulated:	Yes
Tank Number:	RA1
Tank Capacity:	10000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	7/1/1986
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	Yes
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5003737
Federally Regulated:	Yes
Tank Number:	RA2
Tank Capacity:	10000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	7/1/1986
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5003737
Federally Regulated:	Yes
Tank Number:	RA3
Tank Capacity:	10000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	7/1/1986
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Release Detection:

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

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

Facility ID:	5003737
Federally Regulated:	Yes

Tank Number:	RA4
Tank Capacity:	550
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST

Tank Material:

Install Date:	7/1/1986
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

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

VA Financial Assurance 1:

Facility ID:	5003737
Owner Name:	Supreme Petroleum Inc
ROF Own Id:	34753
Tank Type:	UST
Mechanism:	Financial Test
Gallonage:	3433373
Per Occurrence:	50000
Third Party:	150000

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOLIDAY FOODS #405 (Continued)**

**U003689441**

Annual Aggregate: 200000  
 In Compliance: Not reported  
 Total Capacity: 8000  
 CEDS Facility Name: St Pauls Texaco  
 Tank Status: CURR IN USE  
 Active Federally Regualted UST: Y

Facility ID: 5003737  
 Owner Name: Supreme Petroleum Inc  
 ROF Own Id: 34753  
 Tank Type: UST  
 Mechanism: Financial Test  
 Gallonage: 3433373  
 Per Occurence: 50000  
 Third Party: 150000  
 Annual Aggregate: 200000  
 In Compliance: Not reported  
 Total Capacity: 12000  
 CEDS Facility Name: St Pauls Texaco  
 Tank Status: CURR IN USE  
 Active Federally Regualted UST: Y

**B12**  
**West**  
**< 1/8**  
**0.004 mi.**  
**20 ft.**

**SAINT PAULS TEXACO**  
**418 SAINT PAULS BLVD**  
**NORFOLK, VA 23510**  
**Site 3 of 4 in cluster B**

**EDR Hist Auto 1020251924**  
**N/A**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**10 ft.**

Year:	Name:	Type:
1997	SAINT PAULS TEXACO	Gasoline Service Stations
1998	SAINT PAULS TEXACO	Gasoline Service Stations
1999	SAINT PAULS TEXACO	Gasoline Service Stations
2000	SAINT PAULS TEXACO	Gasoline Service Stations
2001	SAINT PAULS TEXACO	Gasoline Service Stations
2002	SAINT PAULS TEXACO	Gasoline Service Stations
2003	SAINT PAULS TEXACO	Gasoline Service Stations
2004	SAINT PAULS TEXACO	Gasoline Service Stations
2005	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2006	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2007	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2008	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2009	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2010	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2011	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2012	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2013	SAINT PAULS TEXACO	Gasoline Service Stations, NEC
2014	SAINT PAULS TEXACO	Gasoline Service Stations, NEC



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B13**  
**West**  
**< 1/8**  
**0.004 mi.**  
**20 ft.**

**ST PAULS TEXACO**  
**418 SAINT PAULS BOULEVARD**  
**NORFOLK, VA 23501**

**VA LUST** **S102380628**  
**VA LTANKS** **N/A**  
**VA SPILLS**

**Site 4 of 4 in cluster B**

**Relative:**  
**Higher**

LUST REG TD:

**Actual:**  
**10 ft.**

Region: TD  
Region Code: TRO  
Facility ID: 200000063935  
**Facility Status: Closed**  
Completed Date: 05/02/1986  
Pollution Complaint Num: 19860715  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: LINE OR UST LEAK. APPROX. 2500 GALLONS LOST.

Region: TD  
Region Code: TRO  
Facility ID: 200000063935  
**Facility Status: Closed**  
Completed Date: 08/11/1994  
Pollution Complaint Num: 19860715  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NFA REQUIRED.

Region: TD  
Region Code: TRO  
Facility ID: 200000063935  
**Facility Status: Closed**  
Completed Date: 09/24/2001  
Pollution Complaint Num: 20025027  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported

Region: TD  
Region Code: TRO  
Facility ID: 200000063935  
**Facility Status: Closed**  
Completed Date: 12/06/2001  
Pollution Complaint Num: 20025027  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed/no further action letter sent

LTANKS:

Region: TRO  
CEDS Facility Id: 200000063935  
**Case Status: Closed**  
Pollution Complaint #: 19860715  
Reported: 05/02/1986  
Case Closed Date: 08/11/1994  
Program: RP Lead

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ST PAULS TEXACO (Continued)**

**S102380628**

Federally Regulated UST (Y/N): Y  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): N  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Not reported

**SPILLS PC:**

Region: Not reported  
 Facility ID: 86715  
 Fiscal Year: 86  
 PC Number: 715  
 Date Reported: 19860502  
 Incident Region: Tidewater Regional Office  
 Water Affected: GW  
 Spilled Material: Petroleum  
 Summary: gasoline leaked from lines at Dwontown Plaza Amoco, 18 St. Paul Blvd.; product recovery ongoing  
 Amount Spilled: 2500.0000  
 Amount to Water: 2500.0000  
 Cleaned By: Handex  
 Personnel: 2  
 Project Type: Not reported  
 Release Status: Not reported  
 Tank Type: Not reported  
 Lat/Long: Not reported  
**Facility Status: Not reported**  
 Date Closed: Not reported  
 Company: Not reported  
 USGS Quadrangle Map: Not reported  
 Date Complaint Received: Not reported  
 Responsible Party: Amoco  
 Responsible Person: Not reported  
 Topographic Quadrangle #: 35-D  
 Complete report filed by VWCB: Yes, complete report on file  
 Recovery letter for investigative cost: Letter written to recover investigative cost when applicable

**C14**  
**North**  
**< 1/8**  
**0.008 mi.**  
**44 ft.**

**ROLANDS AUTO REPAIR**  
**42 DOWNTOWN PLAZA**  
**NORFOLK, VA 23505**  
**Site 1 of 2 in cluster C**

**VA LUST** **U003917043**  
**VA LTANKS** **N/A**  
**VA UST**

**Relative:**  
**Higher**  
**Actual:**  
**11 ft.**

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000066815  
**Facility Status: Closed**  
 Completed Date: 05/27/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROLANDS AUTO REPAIR (Continued)**

**U003917043**

Pollution Complaint Num: 20035158  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported

Region: TD  
Region Code: TRO  
Facility ID: 200000066815  
**Facility Status: Closed**  
Completed Date: 10/20/2006  
Pollution Complaint Num: 20035158  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000066815  
**Case Status: Closed**  
Pollution Complaint #: 20035158  
Reported: 05/27/2003  
Case Closed Date: 10/20/2006  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): Y  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**Facility:**

Facility Id: 5021071  
Facility Type: OTHER  
CEDS Facility ID: 200000066815

**Owner:**

Owner Id: 33159  
Owner Name: DOWNTOWN PLAZA ASSOCIATES  
Owner Address: P.O. BOX 9627  
Owner Address2: Not reported  
Owner City, State, Zip: NORFOLK, VA 23505  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROLANDS AUTO REPAIR (Continued)**

**U003917043**

UST:

Facility ID: 5021071  
Federally Regulated: Yes  
  
Tank Number: 2  
Tank Capacity: 225  
Tank Contents: USED OIL  
**Tank Status: CLS IN GRD**  
Tank Type: UST

Tank Material:

Install Date: 5/18/1962  
Tank Materials: Bare Steel No  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown Yes  
Tank Materials: Other No  
Tank Materials: Other Note Not reported

Release Detection:

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

Pipe Type: UNKNOWN  
Pipe Materials: Bare Steel No  
Pipe Materials: Galvanized Steel No  
Pipe Materials: Copper No  
Pipe Materials: Fiberglass No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROLANDS AUTO REPAIR (Continued)**

**U003917043**

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

**C15  
NNW  
< 1/8  
0.027 mi.  
144 ft.**

**AMERICOMM DIRECT MARKETING VA INC  
494 ST PAULS BLVD  
NORFOLK, VA 23510  
Site 2 of 2 in cluster C**

**RCRA-SQG 1000837964  
FINDS VAD988225090  
ECHO**

**Relative:  
Higher  
Actual:  
10 ft.**

RCRA-SQG:  
Date form received by agency: 03/17/1993  
Facility name: AMERICOMM DIRECT MARKETING VA INC  
Facility address: 494 ST PAULS BLVD  
NORFOLK, VA 23510  
EPA ID: VAD988225090  
Contact: BRAD STEWART  
Contact address: 494 ST PAULS BLVD  
NORFOLK, VA 23510  
Contact country: US  
Contact telephone: 804-622-2724  
Contact email: Not reported  
EPA Region: 03  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: AMERICOMM DIRECT MARKETING  
Owner/operator address: 5334 NATIONAL TURNPIKE  
LOUISVILLE, KY 40214  
Owner/operator country: Not reported  
Owner/operator telephone: 502-367-6441  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:  
U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICOMM DIRECT MARKETING VA INC (Continued)**

**1000837964**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

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

. Waste code: D011  
. Waste name: SILVER

. Waste code: D018  
. Waste name: BENZENE

. Waste code: D039  
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

**FINDS:**

Registry ID: 110005254633

**Environmental Interest/Information System**

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.

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

**ECHO:**

Envid: 1000837964  
Registry ID: 110005254633  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005254633>

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
 EPA ID Number

16  
 WNW  
 < 1/8  
 0.052 mi.  
 274 ft.

**HAMPTON ROADS CHAMBER OF COMMERCE**  
**485 ST PAULS BLVD**  
**NORFOLK, VA 23510**

**VA LUST S111023881**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

**LUST REG TD:**

Region: TD  
 Region Code: TRO  
 Facility ID: 200000065437  
**Facility Status: Open**  
 Completed Date: 11/07/2000  
 Pollution Complaint Num: 20015055  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: Release reported

Region: TD  
 Region Code: TRO  
 Facility ID: 200000065437  
**Facility Status: Closed**  
 Completed Date: 03/30/1998  
 Pollution Complaint Num: 19982353  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: H.O. TANK TAKING IN WATER.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000065437  
**Facility Status: Closed**  
 Completed Date: 06/09/1998  
 Pollution Complaint Num: 19982353  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED. NFAR.

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000065437  
**Case Status: Closed**  
 Pollution Complaint #: 20015055  
 Reported: 11/07/2000  
 Case Closed Date: 07/17/2018  
 Program: RP Lead  
 Federally Regulated UST (Y/N): N  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): Y  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAMPTON ROADS CHAMBER OF COMMERCE (Continued)**

**S111023881**

Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

**D17**  
**South**  
**< 1/8**  
**0.054 mi.**  
**283 ft.**

**NORFOLK PUBLIC SCHOOLS**  
**800 EAST CITY HALL AVE**  
**NORFOLK, VA 23501**  
**Site 1 of 4 in cluster D**

**NY MANIFEST** **S117565398**  
**N/A**

**Relative:**  
**Lower**

NY MANIFEST:  
Country: USA  
EPA ID: VAD988174181  
Facility Status: Not reported  
Location Address 1: RISK MGT & SAFETY 800 E CITY  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: HALL AVENUE NORFOLK  
Location State: VA  
Location Zip: 23510  
Location Zip 4: Not reported

**Actual:**  
**8 ft.**

NY MANIFEST:  
EPAID: VAD988174181  
Mailing Name: NORFOLK PUBLIC SCHOOLS  
Mailing Contact: NORFOLK PUBLIC SCHOOLS  
Mailing Address 1: RISK MGT & SAFETY 800 E CITY  
Mailing Address 2: Not reported  
Mailing City: HALL AVENUE NORFOLK  
Mailing State: VA  
Mailing Zip: 23510  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 8044412339

NY MANIFEST:  
Document ID: NYB1397853  
Manifest Status: C  
seq: Not reported  
Year: 1991  
Trans1 State ID: FLD980602  
Trans2 State ID: 9A278PD19  
Generator Ship Date: 04/15/1991  
Trans1 Recv Date: 04/15/1991  
Trans2 Recv Date: 04/22/1991  
TSD Site Recv Date: 04/24/1991  
Part A Recv Date: 04/23/1991  
Part B Recv Date: 05/07/1991  
Generator EPA ID: VAD988174181  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: NYD980769947  
TSDF ID 1: NYD049836679  
TSDF ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK PUBLIC SCHOOLS (Continued)**

**S117565398**

Discr Type Indicator: Not reported  
Discr Residue Indicator: Not reported  
Discr Partial Reject Indicator: Not reported  
Discr Full Reject Indicator: Not reported  
Manifest Ref Number: Not reported  
Alt Facility RCRA ID: Not reported  
Alt Facility Sign Date: Not reported  
MGMT Method Type Code: Not reported  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

**D18**  
**South**  
**< 1/8**  
**0.054 mi.**  
**283 ft.**

**NORFOLK SCHOOLS ADMIN BLDG**  
**800 EAST CITY HALL AVE**  
**NORFOLK, VA 23501**

**RCRA-CESQG 1000448366**  
**VAD988174181**

**Site 2 of 4 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

RCRA-CESQG:  
Date form received by agency: 10/05/2017  
Facility name: NORFOLK SCHOOLS ADMIN BLDG  
Facility address: 800 EAST CITY HALL AVE  
NORFOLK, VA 23501  
EPA ID: VAD988174181  
Mailing address: PO BOX 1357  
NORFOLK, VA 23501  
Contact: WILLIAM D BANKART  
Contact address: 800 EAST CITY HALL AVE SUITE 909  
NORFOLK, VA 23501  
Contact country: US  
Contact telephone: 804-441-2339  
Contact email: WBANKART@NPS.K12.VA.US  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK SCHOOLS ADMIN BLDG (Continued)**

**1000448366**

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: NORFOLK PUBLIC SCHOOLS  
Owner/operator address: OWNERSTREET  
OWNERCITY, AK 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: OPERNAME  
Owner/operator address: OPERSTREET  
OPERCITY, AK 99999  
Owner/operator country: US  
Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

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

Owner/operator name: NORFOLK PUBLIC SCHOOLS  
Owner/operator address: OWNERSTREET  
OWNERCITY, AK 99999  
Owner/operator country: US  
Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK SCHOOLS ADMIN BLDG (Continued)**

**1000448366**

Handler Activities Summary:

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

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
  
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
  
- . Waste code: D003
- . Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: U019
- . Waste name: BENZENE (I,T)
  
- . Waste code: U122
- . Waste name: FORMALDEHYDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK SCHOOLS ADMIN BLDG (Continued)**

**1000448366**

Historical Generators:

Date form received by agency: 08/07/1990

Site name: NORFOLK SCHOOLS ADMIN BLDG

Classification: Small Quantity Generator

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

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

. Waste code: D002

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

. Waste code: D003

. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: U019

. Waste name: BENZENE (I,T)

. Waste code: U122

. Waste name: FORMALDEHYDE

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D19  
South  
< 1/8  
0.054 mi.  
283 ft.

**SCHOOL ADMINIST BLDG BOILER ROOM**  
**800 EAST CITY HALL AVENUE**  
**NORFOLK, VA 23510**

**VA UST**    **U003689456**  
**N/A**

**Site 3 of 4 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

Facility:  
Facility Id: 5003794  
Facility Type: LOCAL  
CEDs Facility ID: 200000066337  
  
Owner:  
Owner Id: 27233  
Owner Name: City of Norfolk  
Owner Address: 2840 Dana Street  
Owner Address2: Attn: William Clendenin  
Owner City, State, Zip: Norfolk, VA 23509  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

UST:  
Facility ID: 5003794  
Federally Regulated: No  
  
Tank Number: 1  
Tank Capacity: 10000  
Tank Contents: HEATING OIL  
**Tank Status: PERM OUT OF USE**  
Tank Type: UST

Tank Material:  
Install Date: 7/1/1966  
Tank Materials: Bare Steel Yes  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note Not reported

Release Detection:  
Tank Release Detection: Leak Deferred No  
Tank Release Detection: Manual Gauge No  
Tank Release Detection: Auto Gauge No  
Tank Release Detection: Tank Tightness No  
Tank Release Detection: Vapor Monitor No  
Tank Release Detection: Inventory No  
Tank Release Detection: Stat Invent Recon No  
Tank Release Detection: Spill Install No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SCHOOL ADMINIST BLDG BOILER ROOM (Continued)**

**U003689456**

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

**D20**  
**South**  
**< 1/8**  
**0.054 mi.**  
**283 ft.**

**NORFOLK PUBLIC SCHOOLS**  
**800 E CITY HALL AVE**  
**NORFOLK, VA**

**PA MANIFEST S109246740**  
**N/A**

**Site 4 of 4 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

Manifest Details:

Year:	2007
Manifest Number:	002902515JJK
Manifest Type:	Not reported
Generator EPA Id:	VAD988174181
Generator Date:	06/25/2007
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	757-441-2339
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D009
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORFOLK PUBLIC SCHOOLS (Continued)**

**S109246740**

Waste Quantity: 10  
 Unit: Pounds  
 Handling Code: Not reported  
 TSP EPA Id: Not reported  
 Date TSP Sig: Not reported

21  
 NNW  
 < 1/8  
 0.068 mi.  
 357 ft.

**FIRST BAPTIST CHURCH**  
**418 E BUTE ST**  
**NORFOLK, VA 23510**

**VA LUST S109252817**  
**VA LTANKS N/A**

**Relative:**  
**Higher**

LUST REG TD:

**Actual:**  
**10 ft.**

Region: TD  
 Region Code: TRO  
 Facility ID: 200000065159  
**Facility Status: Closed**  
 Completed Date: 05/21/1999  
 Pollution Complaint Num: 19992389  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: H.O. FOUND IN BASEMENT OF CHURCH. POSSIBLY SEEPING THRU FLOOR.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000065159  
**Facility Status: Closed**  
 Completed Date: 12/22/1999  
 Pollution Complaint Num: 19992389  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED.

LTANKS:

Region: TRO  
 CEDS Facility Id: 200000065159  
**Case Status: Closed**  
 Pollution Complaint #: 19992389  
 Reported: 05/21/1999  
 Case Closed Date: 12/22/1999  
 Program: RP Lead  
 Federally Regulated UST (Y/N): N  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): Y  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Category 3

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**22**  
**SW**  
 < 1/8  
 0.098 mi.  
 517 ft.

**CITY OF NORFOLK DEPARTMENT OF UTILITIES**  
**310 CUMBERLAND STREET**  
**NORFOLK, VA 23510**

**VA UST**    **U003692654**  
 N/A

**Relative:**  
**Lower**  
**Actual:**  
**7 ft.**

Facility:  
 Facility Id: 5026132  
 Facility Type: LOCAL  
 CEDS Facility ID: 200000064578

Owner:  
 Owner Id: 36762  
 Owner Name: City of Norfolk Department of Utilites  
 Owner Address: PO Box 1080  
 Owner Address2: Not reported  
 Owner City, State, Zip: Norfolk, VA 23510  
 Owner Type: LOCAL  
 Number of Active AST: 0  
 Number of Active UST: 0  
 Number of Inactive AST: 0  
 Number of Inactive UST: 1

UST:  
 Facility ID: 5026132  
 Federally Regulated: Yes

Tank Number: 1  
 Tank Capacity: 1000  
 Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
 Tank Type: UST

Tank Material:  
 Install Date: 1/1/1989  
 Tank Materials: Bare Steel No  
 Tank Materials: Cath Protect Steel Yes  
 Tank Materials: Epoxy Steel No  
 Tank Materials: Fiberglass No  
 Tank Materials: Concrete No  
 Tank Materials: Composite No  
 Tank Materials: Double Walled No  
 Tank Materials: Lined Interior No  
 Tank Materials: Excav Liner No  
 Tank Materials: Insulated Tank Jacket No  
 Tank Materials: Repaired No  
 Tank Materials: Unknown No  
 Tank Materials: Other No  
 Tank Materials: Other Note Not reported

Release Detection:  
 Tank Release Detection: Leak Deferred No  
 Tank Release Detection: Manual Gauge No  
 Tank Release Detection: Auto Gauge No  
 Tank Release Detection: Tank Tightness No  
 Tank Release Detection: Vapor Monitor No  
 Tank Release Detection: Inventory No  
 Tank Release Detection: Stat Invent Recon No  
 Tank Release Detection: Spill Install No



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF NORFOLK DEPARTMENT OF UTILITIES (Continued)**

**U003692654**

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

**E23**  
**ENE**  
 < 1/8  
 0.107 mi.  
 566 ft.

**USPS NORFOLK P&DC/VMF**  
**600 CHURCH STREET**  
**NORFOLK, VA**

**PA MANIFEST S109247890**  
**N/A**

**Site 1 of 6 in cluster E**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

<b>Manifest Details:</b>	
Year:	2007
Manifest Number:	001240210FLE
Manifest Type:	Not reported
Generator EPA Id:	VA2180090027
Generator Date:	02/27/2007
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	757-629-2250
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Metal drums, barrels, kegs

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS NORFOLK P&DC/VMF (Continued)**

**S109247890**

Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2007  
Manifest Number: 001240210FLE  
Manifest Type: Not reported  
Generator EPA Id: VA2180090027  
Generator Date: 02/27/2007  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 757-629-2250  
TSD EPA Id: PAD085690592  
TSD Date: Not reported  
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC  
TSD Facility Address: 2869 SANDSTONE DRIVE  
TSD Facility City: HATFIELD  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 3  
Waste Number: D002  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2007  
Manifest Number: 001240210FLE  
Manifest Type: Not reported  
Generator EPA Id: VA2180090027  
Generator Date: 02/27/2007  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 757-629-2250  
TSD EPA Id: PAD085690592  
TSD Date: Not reported  
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC  
TSD Facility Address: 2869 SANDSTONE DRIVE  
TSD Facility City: HATFIELD  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: D002  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 55  
Unit: Gallons (liquids only)  
Handling Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS NORFOLK P&DC/VMF (Continued)**

**S109247890**

TSP EPA Id: Not reported  
Date TSP Sig: Not reported  
  
Year: 2007  
Manifest Number: 001240210FLE  
Manifest Type: Not reported  
Generator EPA Id: VA2180090027  
Generator Date: 02/27/2007  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 757-629-2250  
TSD EPA Id: PAD085690592  
TSD Date: Not reported  
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC  
TSD Facility Address: 2869 SANDSTONE DRIVE  
TSD Facility City: HATFIELD  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 4  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 30  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

**E24**  
**ENE**  
**< 1/8**  
**0.107 mi.**  
**566 ft.**

**US POSTAL SERVICE - CHURCH STATION**  
**600 CHURCH ST**  
**NORFOLK, VA 23501**

**VA LUST**  
**VA LTANKS**  
**VA SPILLS**

**S109609730**  
**N/A**

**Site 2 of 6 in cluster E**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000067441  
**Facility Status: Closed**  
Completed Date: 02/07/2006  
Pollution Complaint Num: 20065105  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported  
  
Region: TD  
Region Code: TRO  
Facility ID: 200000067441  
**Facility Status: Closed**  
Completed Date: 01/08/2008  
Pollution Complaint Num: 20065105  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

US POSTAL SERVICE - CHURCH STATION (Continued)

S109609730

Region: TD  
Region Code: TRO  
Facility ID: 200000067441  
**Facility Status:** Closed  
Completed Date: 02/09/1990  
Pollution Complaint Num: 19901020  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: USTS FAILED TT TESTS IN 11/89! PRODUCT STILL IN USTS.

Region: TD  
Region Code: TRO  
Facility ID: 200000067441  
**Facility Status:** Closed  
Completed Date: 08/08/1994  
Pollution Complaint Num: 19901020  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

LTANKS:

Region: TRO  
CEDS Facility Id: 200000067441  
**Case Status:** Closed  
Pollution Complaint #: 20065105  
Reported: 02/07/2006  
Case Closed Date: 01/08/2008  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

SPILLS:

Fips City/County: Norfolk City  
Status: Open  
Reference Id: 151933  
IR Number: 2019-T-0852  
Associated IR: Not reported  
Incident Date: 08/25/2018  
Call Received Date: 09/05/2018  
Closure Comments: Not reported  
Threat To: Not reported  
Terrorism (Y/N): N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US POSTAL SERVICE - CHURCH STATION (Continued)**

**S109609730**

Characterize Incident: Unknown  
Incident Type: Waste  
Incident Subtype: Hazardous Waste \* Waste  
Materials: Mercury (1-1 Gallons)  
Effect To Receptor: Not reported  
Water Body: Not reported  
Low Quantity To Water: Not reported  
High Quantity To Water: Not reported  
Quantity Units: Not reported  
Other Receptors: Not reported  
RP Company: Not reported  
RP Name: Not reported  
Property Owner: Not reported  
Property Company: Not reported  
Duration Of Event (Hrs): 0  
Impacts: Not reported  
Other Impacts: Not reported  
Steps Taken: Not reported  
Steps Taken Description: Not reported  
System Components: Not reported  
Other System Components: Not reported  
Cause Of Event: Not reported  
Corrective Action Taken: Not reported  
Weather Status: N/A  
Precipitation (Wet): 0  
Discharge Type: N/A  
Discharge Volume: 0  
Unknown Discharge (Y/N): N  
Site Name: MERCURY AT POST OFFICE  
Closure Date: Not reported  
Orig. Call Incident Description: CHIEF SULLIVAN WITH NORFOLK FD REPORTED THAT AT A POST OFFICE AT 600 Church St Norfolk, VA 23501 A BIG METAL CONTAINER WITH A HAZMAT PLACARD WAS MOVED VIA FORKLIFT WHEN IT SHOULD HAVE BEEN MOVED BY HAND WHICH CAUSED THE RELEASE OF LESS THAN ONE GALLON OF MERCURY FROM THE PACKAGE. CLEANUP AREA 20 x 20 AREA. EMPLOYEES EVACUATED FROM BUILDING. SITUATION SECURE AND CLEANUP CONTRACTOR WILL BE NOTIFIED. NO VDEM ASSISTANCE REQUESTED  
Original Call Material Description: mercury  
Original Call Location Description: 600 Church St Norfolk, VA 23501  
Incident Ongoing at time of Call: Not reported  
Agencies Notified (Y/N): Y  
Other Agencies: VDEM, Norfolk Fire Dept  
Permitted (Y/N): N  
Call Reported By Company Name: Not reported  
Call Property Owner Company Name: Not reported  
Call Property Owner Name: Not reported  
Site Summary: CHIEF SULLIVAN WITH NORFOLK FD REPORTED THAT AT A POST OFFICE AT 600 Church St Norfolk, VA 23501 A BIG METAL CONTAINER WITH A HAZMAT PLACARD WAS MOVED VIA FORKLIFT WHEN IT SHOULD HAVE BEEN MOVED BY HAND WHICH CAUSED THE RELEASE OF LESS THAN ONE GALLON OF MERCURY FROM THE PACKAGE. CLEANUP AREA 20 x 20 AREA. EMPLOYEES EVACUATED FROM BUILDING. SITUATION SECURE AND CLEANUP CONTRACTOR WILL BE NOTIFIED. NO VDEM ASSISTANCE REQUESTED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E25**  
**ENE**  
**< 1/8**  
**0.107 mi.**  
**566 ft.**

**USPS-NORFOLK P&DC/VMF**  
**600 CHURCH ST**  
**NORFOLK, VA 23501**

**RCRA NonGen / NLR**    **1007116683**  
**VA2180090027**

**Site 3 of 6 in cluster E**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**8 ft.**

Date form received by agency: 04/21/2003  
Facility name: USPS-NORFOLK P&DC/VMF  
Facility address: 600 CHURCH ST  
NORFOLK, VA 23501  
EPA ID: VA2180090027  
Mailing address: CHURCH ST  
NORFOLK, VA 23501  
Contact: ROBERT ROBINSON  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: 757-629-2250  
Contact email: Not reported  
EPA Region: 03  
Land type: Federal  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: USPS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Federal  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1983  
Owner/Op end date: Not reported

Owner/operator name: USPS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Federal  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1983  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1007116683**

Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/12/2001

Site name: U S POSTAL SVC-HAMPTON ROADS VEH MNT FAC

Classification: Not a generator, verified

Date form received by agency: 11/23/1986

Site name: U S POSTAL SVC-HAMPTON ROADS VEH MNT FAC

Classification: Small Quantity Generator

. Waste code: D001

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/03/2005  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/09/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/28/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E26  
ENE  
< 1/8  
0.107 mi.  
566 ft.

USPS-NORFOLK P&DC/VMF  
600 CHURCH ST  
NORFOLK, VA 23501

RCRA-CESQG 1000128142  
US AIRS VA5180000148

Site 4 of 6 in cluster E

Relative:  
Lower

RCRA-CESQG:

Actual:  
8 ft.

Date form received by agency: 08/18/2005  
Facility name: USPS-NORFOLK P&DC/VMF  
Facility address: 600 CHURCH ST  
NORFOLK, VA 23501-9721  
EPA ID: VA5180000148  
Mailing address: CHURCH ST  
NORFOLK, VA 23501-9721  
Contact: ROBERT ROBINSON  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: 757-629-2250  
Contact email: Not reported  
EPA Region: 03  
Land type: Federal  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: USPS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Federal  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1983  
Owner/Op end date: Not reported

Owner/operator name: USPS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Owner/operator extension: Not reported  
Legal status: Federal  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1983  
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D009  
. Waste name: MERCURY

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 04/21/2003  
Site name: USPS-NORFOLK P&DC/VMF  
Classification: Not a generator, verified

. Waste code: D009  
. Waste name: MERCURY

. Waste code: F003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/12/2001

Site name: US POSTAL SERVICE VMF

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/29/1986

Site name: US POSTAL SERVICE VMF

Classification: Small Quantity Generator

. Waste code: D001

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

. Waste code: D006

. Waste name: CADMIUM

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D018

. Waste name: BENZENE

. Waste code: D039

. Waste name: TETRACHLOROETHYLENE

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USPS-NORFOLK P&DC/VMF (Continued)

1000128142

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: SR - 9 VAC 20-60-370 E.4.d.  
Area of violation: Generators - Pre-transport  
Date violation determined: 04/03/1997  
Date achieved compliance: 04/21/1997  
Violation lead agency: State  
Enforcement action: INSPECTOR FACT FINDING LETTER - Warning letter  
Enforcement action date: 04/08/1997  
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: SR - 9 VAC 20-60-370.E.3.a.(1)  
Area of violation: Generators - Pre-transport  
Date violation determined: 04/03/1997  
Date achieved compliance: 04/21/1997  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Enforcement action: INSPECTOR FACT FINDING LETTER - Warning letter  
Enforcement action date: 04/08/1997  
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: SR - 9 VAC 20-60-370.E.4.e.(2)  
Area of violation: Generators - Pre-transport  
Date violation determined: 04/03/1997  
Date achieved compliance: 04/21/1997  
Violation lead agency: State  
Enforcement action: INSPECTOR FACT FINDING LETTER - Warning letter  
Enforcement action date: 04/08/1997  
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: SR - 9 VAC 20-60-600 E.  
Area of violation: Generators - Pre-transport  
Date violation determined: 04/03/1997  
Date achieved compliance: 04/21/1997  
Violation lead agency: State  
Enforcement action: INSPECTOR FACT FINDING LETTER - Warning letter  
Enforcement action date: 04/08/1997  
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: 08/03/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 08/03/2005  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/09/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/03/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 04/21/1997  
Evaluation lead agency: State

US AIRS (AFS):

Envid: 1000128142  
Region Code: 03  
County Code: VA710  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
D and B Number: Not reported  
Facility Site Name: US POSTAL SERVICE - CHURCH STATION  
Primary SIC Code: Not reported  
NAICS Code: 491110  
Default Air Classification Code: SMI  
Facility Type of Ownership Code: FDF  
Air CMS Category Code: Not reported  
HPV Status: Not reported

US AIRS (AFS):

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2016-06-01 00:00:00  
Activity Status Date: 2016-06-02 10:11:16  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1983-02-07 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1988-07-14 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1991-07-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1993-08-10 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1994-06-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1995-02-13 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1996-01-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1997-03-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1998-02-02 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1998-12-29 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2001-02-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2002-02-13 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2002-11-01 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-03-10 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2004-06-03 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-08-03 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-08-04 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2007-12-17 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-02-06 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2009-07-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-03-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-04-18 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2012-09-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2013-05-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2014-02-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2014-03-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS-NORFOLK P&DC/VMF (Continued)**

**1000128142**

Activity Status: Not reported  
  
Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: Stratospheric Ozone Protection  
Activity Date: 2005-08-03 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000206  
Facility Registry ID: 110005216051  
Air Operating Status Code: OPR  
Default Air Classification Code: SMI  
Air Program: Stratospheric Ozone Protection  
Activity Date: 2005-08-04 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

**E27**  
**ENE**  
**< 1/8**  
**0.107 mi.**  
**566 ft.**

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY**  
**600 CHURCH ST**  
**NORFOLK, VA 23501**  
**Site 5 of 6 in cluster E**

**VA UST** **U003691178**  
**VA Financial Assurance** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

Facility:  
Facility Id: 5014521  
Facility Type: FEDERAL: NON-MILITARY  
CEDS Facility ID: 200000067441  
  
Owner:  
Owner Id: 32232  
Owner Name: United States Postal Service  
Owner Address: Mid Atlantic Facilities Service Office  
Owner Address2: 7027 Albert Pick Blvd Suite 300  
Owner City, State, Zip: Greensboro, NC 27498  
Owner Type: FEDERAL  
Number of Active AST: 0  
Number of Active UST: 7  
Number of Inactive AST: 0  
Number of Inactive UST: 11

UST:  
Facility ID: 5014521  
Federally Regulated: Yes

Tank Number: 1  
Tank Capacity: 10000  
Tank Contents: DIESEL  
**Tank Status: CURR IN USE**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Type:	UST
Tank Material:	
Install Date:	9/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	2
Tank Capacity:	10000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	9/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	3
Tank Capacity:	10000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	9/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	4
Tank Capacity:	750
Tank Contents:	HYDRAULIC OIL
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	9/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Overfill Automatic Shutoff
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	5
Tank Capacity:	1000
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	9/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Yes
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	6
Tank Capacity:	2500
Tank Contents:	MOTOR OIL
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	9/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)

U003691178

Release Detection:

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

Pipe Type:

NO VALVE: SUCTION

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

Facility ID:

5014521

Federally Regulated:

No

Tank Number:

7

Tank Capacity:

1130

Tank Contents:

HYDRAULIC OIL

**Tank Status:**

**CURR IN USE**

Tank Type:

UST

Tank Material:

Install Date:	10/15/1980
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	Yes
Tank Materials: Composite	No
Tank Materials: Double Walled	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Facility ID:	5014521
Federally Regulated:	Yes

Tank Number:	R1
Tank Capacity:	5000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST

Tank Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Install Date:	4/24/1982
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

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

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

Facility ID:	5014521
Federally Regulated:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Number:	R10
Tank Capacity:	500
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R11
Tank Capacity:	500
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)

U003691178

Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R2
Tank Capacity:	5000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R3
Tank Capacity:	5000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)

U003691178

Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R4
Tank Capacity:	5000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R5
Tank Capacity:	5000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R6
Tank Capacity:	5000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Facility ID:	5014521
Federally Regulated:	Yes

Tank Number:	R7
Tank Capacity:	1000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Tank Contents:	LUBE OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R8
Tank Capacity:	550
Tank Contents:	MOTOR OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5014521
Federally Regulated:	Yes
Tank Number:	R9
Tank Capacity:	550
Tank Contents:	MOTOR OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/24/1982
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

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

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

VA Financial Assurance 1:

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurrence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 10000  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurrence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 10000  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurrence: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 10000  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 750  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 1000  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST  
Mechanism: Not reported  
Gallonage: Not reported  
Per Occurence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 2500  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regualted UST: Y

Facility ID: 5014521  
Owner Name: United States Postal Service  
ROF Own Id: 32232  
Tank Type: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS - NORFOLK VEHICLE MAINTENANCE FACILITY (Continued)**

**U003691178**

Mechanism: Not reported  
Gallonage: Not reported  
Per Occurrence: Not reported  
Third Party: Not reported  
Annual Aggregate: Not reported  
In Compliance: Not reported  
Total Capacity: 1130  
CEDS Facility Name: US Postal Service - Church Station  
Tank Status: CURR IN USE  
Active Federally Regulated UST: Y

**E28**  
**ENE**  
**< 1/8**  
**0.107 mi.**  
**566 ft.**

**US POSTAL SERVICE - HRGMF**  
**600 CHURCH ST**  
**NORFOLK, VA 23501**  
**Site 6 of 6 in cluster E**

**VA LTANKS** **S113411895**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LTANKS:**  
Region: TRO  
CEDS Facility Id: 20000067441  
**Case Status: Closed**  
Pollution Complaint #: 19901020  
Reported: 02/09/1990  
Case Closed Date: 08/08/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**29**  
**West**  
**< 1/8**  
**0.118 mi.**  
**625 ft.**

**FREEMASON STREET BAPTIST CHURCH**  
**400 E FREEMASON ST**  
**NORFOLK, VA 23510**

**VA LUST** **S108921300**  
**VA LTANKS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LUST REG TD:**  
Region: TD  
Region Code: TRO  
Facility ID: 200000847882  
**Facility Status: Closed**  
Completed Date: 11/07/2007  
Pollution Complaint Num: 20085044  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREEMASON STREET BAPTIST CHURCH (Continued)**

**S108921300**

Comments: Release reported

Region: TD  
Region Code: TRO  
Facility ID: 200000847882  
**Facility Status: Closed**  
Completed Date: 01/17/2012  
Pollution Complaint Num: 20085044  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Not reported

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000847882  
**Case Status: Closed**  
Pollution Complaint #: 20085044  
Reported: 11/07/2007  
Case Closed Date: 01/17/2012  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

**F30**  
**SW**  
**< 1/8**  
**0.123 mi.**  
**651 ft.**

**NORFOLK FIRE STATION #1**  
**540 E. CITY HALL AVE**  
**NORFOLK, VA 23510**  
**Site 1 of 2 in cluster F**

**VA UST U003692213**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

Facility:  
Facility Id: 5022540  
Facility Type: LOCAL  
CEDS Facility ID: 200000091050

Owner:  
Owner Id: 27233  
Owner Name: City of Norfolk  
Owner Address: 2840 Dana Street  
Owner Address2: Attn: William Clendenin  
Owner City, State, Zip: Norfolk, VA 23509  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK FIRE STATION #1 (Continued)**

**U003692213**

Owner Id:	31444
Owner Name:	NORFOLK REDEVELOPMENT HOUSING AUTHORITY
Owner Address:	201 GRANBY MALL
Owner Address2:	Not reported
Owner City, State, Zip:	NORFOLK, VA 23501
Owner Type:	LOCAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	1
UST:	
Facility ID:	5022540
Federally Regulated:	Yes
Tank Number:	1
Tank Capacity:	10000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	8/1/1975
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORFOLK FIRE STATION #1 (Continued)**

**U003692213**

Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

**31**  
**North**  
**1/8-1/4**  
**0.134 mi.**  
**705 ft.**

**FIRST BAPTIST CHURCH**  
**431 E BRAMBLETON AVE**  
**NORFOLK, VA 23510**

**VA UST**    **U003917118**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

Facility:	
Facility Id:	5003960
Facility Type:	OTHER
CEDS Facility ID:	200000089867
Owner:	
Owner Id:	41359
Owner Name:	First Baptist Church - Downtown Norfolk
Owner Address:	418 E Bute St
Owner Address2:	Not reported
Owner City, State, Zip:	Norfolk, VA 23510
Owner Type:	PRIVATE
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	2
Owner Id:	31150
Owner Name:	GOODWILL INDUSTRIES OF TIDEWATER
Owner Address:	431 E. BRAMBLETON AVE.
Owner Address2:	Not reported
Owner City, State, Zip:	NORFOLK, VA 23510
Owner Type:	COMMERCIAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	2

UST:	
Facility ID:	5003960
Federally Regulated:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST BAPTIST CHURCH (Continued)**

**U003917118**

Tank Number:	1
Tank Capacity:	500
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CLS IN GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/18/1951
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST BAPTIST CHURCH (Continued)**

**U003917118**

Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5003960
Federally Regulated:	No
Tank Number:	2
Tank Capacity:	1000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CLS IN GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	No
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FIRST BAPTIST CHURCH (Continued)**

**U003917118**

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

**F32**  
**SW**  
 1/8-1/4  
 0.143 mi.  
 755 ft.

**VIRGINIA POWER-FORMER GAS STATIO**  
**539 OR 541 EAST CITY HALL AVENUE**  
**NORFOLK, VA 23510**

**VA LUST**  
**VA LTANKS**  
**VA UST**

**U003692889**  
**N/A**

**Site 2 of 2 in cluster F**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

**LUST REG TD:**  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000067595  
**Facility Status: Closed**  
 Completed Date: 08/15/1996  
 Pollution Complaint Num: 19972235  
 Fed Regulated Tank: Yes  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: PETROL ODORS/STAINED SOILS FROM UNKNOWN UST.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000067595  
**Facility Status: Closed**  
 Completed Date: 11/12/1996  
 Pollution Complaint Num: 19972235  
 Fed Regulated Tank: Yes  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED. NO FURTHER ACTION REQUIRED.

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000067595  
**Case Status: Closed**  
 Pollution Complaint #: 19972235  
 Reported: 08/15/1996  
 Case Closed Date: 11/12/1996  
 Program: RP Lead  
 Federally Regulated UST (Y/N): Y  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIRGINIA POWER-FORMER GAS STATIO (Continued)**

**U003692889**

Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5027786  
Facility Type: UTILITY  
CEDS Facility ID: 200000067595

Owner:

Owner Id: 31021  
Owner Name: Virginia Electric and Power Company  
Owner Address: 5000 Dominion Blvd  
Owner Address2: Not reported  
Owner City, State, Zip: Glen Allen, VA 23060  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

UST:

Facility ID: 5027786  
Federally Regulated: Yes

Tank Number: ABAN-1  
Tank Capacity: Not reported  
Tank Contents: GASOLINE  
**Tank Status: PERM OUT OF USE**  
Tank Type: UST

Tank Material:

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

Release Detection:

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VIRGINIA POWER-FORMER GAS STATIO (Continued)**

**U003692889**

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

**G33**  
**SSW**  
**1/8-1/4**  
**0.157 mi.**  
**830 ft.**

**NORFOLK CITY OF - POLICE DEPT 1ST PATROL DIVISION**  
**811 E. CITY HALL**  
**NORFOLK, VA 23501**  
**Site 1 of 2 in cluster G**

**VA LUST** **S105985571**  
**VA LTANKS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LUST REG TD:**

Region:	TD
Region Code:	TRO
Facility ID:	200000066604
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	03/28/1994
Pollution Complaint Num:	19943124
Fed Regulated Tank:	No
Phase Code:	RR
Event Description:	Release Reported
Comments:	FREE PRODUCT IN MONITORING WELL NEAR 2/10,000-GALLON H.O. USTS.
Region:	TD
Region Code:	TRO
Facility ID:	200000066604
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	02/16/2000
Pollution Complaint Num:	19943124

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK CITY OF - POLICE DEPT 1ST PATROL DIVISION (Continued)**

**S105985571**

Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000066604  
**Case Status: Closed**  
Pollution Complaint #: 19943124  
Reported: 03/28/1994  
Case Closed Date: 02/16/2000  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**G34**  
**SSW**  
**1/8-1/4**  
**0.157 mi.**  
**830 ft.**

**NORFOLK POLICE DEPARTMENT 1ST PATROL DIVISION**  
**811 E. CITY HALL**  
**NORFOLK, VA 23501**

**VA UST U003977069**  
**N/A**

**Site 2 of 2 in cluster G**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

Facility:  
Facility Id: 5007940  
Facility Type: LOCAL  
CEDS Facility ID: 200000066604  
Owner:  
Owner Id: 27233  
Owner Name: City of Norfolk  
Owner Address: 2840 Dana Street  
Owner Address2: Attn: William Clendenin  
Owner City, State, Zip: Norfolk, VA 23509  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 4

**UST:**

Facility ID: 5007940  
Federally Regulated: Yes  
Tank Number: R1  
Tank Capacity: 6000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK POLICE DEPARTMENT 1ST PATROL DIVISION (Continued)**

**U003977069**

Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NORFOLK POLICE DEPARTMENT 1ST PATROL DIVISION (Continued)

U003977069

Pipe Materials: Other Note	Not reported
Facility ID:	5007940
Federally Regulated:	No
Tank Number:	R2
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	1/1/1965
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK POLICE DEPARTMENT 1ST PATROL DIVISION (Continued)**

**U003977069**

Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5007940
Federally Regulated:	No
Tank Number:	R3
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	1/1/1965
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK POLICE DEPARTMENT 1ST PATROL DIVISION (Continued)**

**U003977069**

Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5007940
Federally Regulated:	No
Tank Number:	R4
Tank Capacity:	3000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	1/1/1965
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORFOLK POLICE DEPARTMENT 1ST PATROL DIVISION (Continued)**

**U003977069**

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

35  
 SSW  
 1/8-1/4  
 0.174 mi.  
 921 ft.

**CITY OF NORFOLK - PLUME ST AND SAINT PAULS BLVD**  
**PLUME ST AND SAINT PAULS BLVD**  
**NORFOLK, VA 23510**

**VA LUST S110145341**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LUST REG TD:**  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000852933  
**Facility Status: Closed**  
 Completed Date: 02/02/2010  
 Pollution Complaint Num: 20105119  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: Release Reported

Region: TD  
 Region Code: TRO  
 Facility ID: 200000852933  
**Facility Status: Closed**  
 Completed Date: 03/17/2011  
 Pollution Complaint Num: 20105119  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - No Letter Sent  
 Comments: Case Closed

LTANKS:



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF NORFOLK - PLUME ST AND SAINT PAULS BLVD (Continued)

S110145341

Region: TRO  
CEDS Facility Id: 200000852933  
**Case Status:** Closed  
Pollution Complaint #: 20105119  
Reported: 02/02/2010  
Case Closed Date: 03/17/2011  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: Y  
Other Description: Not reported  
Heating Oil Category: Not reported

36  
NE  
1/8-1/4  
0.197 mi.  
1041 ft.

7 ELEVEN 10656  
712 W CHURCH RD  
STERLING PARK, VA 22164

VA LTANKS S105684223  
N/A

Relative:  
Higher  
Actual:  
10 ft.

LTANKS:  
Region: NRO  
CEDS Facility Id: 200000097372  
**Case Status:** Closed  
Pollution Complaint #: 19911578  
Reported: 04/25/1991  
Case Closed Date: 12/09/1991  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): Y  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

37  
WSW  
1/8-1/4  
0.205 mi.  
1083 ft.

**ABERCROMBIE & FITCH**  
**300 MONTICELLO AVENUE**  
**NORFOLK, VA 23510**

**RCRA-CESQG 1011491350**  
**VAR000516393**

**Relative:**  
**Lower**

RCRA-CESQG:

**Actual:**  
**6 ft.**

Date form received by agency: 12/29/2015  
Facility name: ABERCROMBIE & FITCH  
Facility address: 300 MONTICELLO AVENUE  
NORFOLK, VA 23510  
EPA ID: VAR000516393  
Mailing address: 6301 FITCH PATH  
NEW ALBANY, OH 43054  
Contact: IAN KUPFERBERG  
Contact address: 6301 FITCH PATH  
NEW ALBANY, OH 43054  
Contact country: US  
Contact telephone: 614-283-7930  
Contact email: IAN\_KUPFERBERG@ABERCROMBIE.COM  
EPA Region: 03  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: ABERCROMBIE & FITCH  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 05/28/1999  
Owner/Op end date: Not reported  
Owner/operator name: ABERCROMBIE & FITCH INC., & SUBSIDIARIES  
Owner/operator address: 6301 FITCH PATH  
NEW ALBANY, OH 43054  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ABERCROMBIE & FITCH (Continued)**

**1011491350**

Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1998  
Owner/Op end date: Not reported

Owner/operator name: TM MACARTHUR CENTER, L.P.  
Owner/operator address: C/O STARWOOD RETAIL PROPERTY M 1 E WACKER DR, STE 3700  
CHICAGO, IL 60601

Owner/operator country: US  
Owner/operator telephone: 312-242-3200  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 05/28/1999  
Owner/Op end date: Not reported

Owner/operator name: ABERCROMBIE & FITCH INC., & SUBSIDIARIES

Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1998  
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ABERCROMBIE & FITCH (Continued)**

**1011491350**

Historical Generators:

Date form received by agency: 06/13/2008  
Site name: HOLLISTER CO.  
Classification: Conditionally Exempt Small Quantity Generator

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

Violation Status: No violations found

H38  
ENE  
1/8-1/4  
0.207 mi.  
1094 ft.

**ONE STOP FOOD MART #351  
900 BRAMBLETON AVENUE  
NORFOLK, VA 23504**

**Site 1 of 3 in cluster H**

**VA LUST U003769912  
VA LTANKS N/A  
VA UST  
VA Financial Assurance**

Relative:  
Lower  
Actual:  
7 ft.

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000195743  
**Facility Status: Closed**  
Completed Date: 05/12/2000  
Pollution Complaint Num: 20005220  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: Not reported

Region: TD  
Region Code: TRO  
Facility ID: 200000195743  
**Facility Status: Closed**  
Completed Date: 11/06/2001  
Pollution Complaint Num: 20005220  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed/letter sent

LTANKS:

Region: TRO  
CEDS Facility Id: 200000195743  
**Case Status: Closed**  
Pollution Complaint #: 20005220  
Reported: 05/12/2000  
Case Closed Date: 11/06/2001  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): Y  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP FOOD MART #351 (Continued)**

**U003769912**

Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5037733  
Facility Type: GAS STATION  
CEDS Facility ID: 200000195743

Owner:

Owner Id: 26632  
Owner Name: J&M Investments  
Owner Address: 329 Office Square Lane #200  
Owner Address2: Not reported  
Owner City, State, Zip: Virginia Beach, VA 23462  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 2  
Number of Inactive AST: 0  
Number of Inactive UST: 2

UST:

Facility ID: 5037733  
Federally Regulated: Yes

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

Tank Material:

Install Date: 4/1/2000  
Tank Materials: Bare Steel No  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite Yes  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note Not reported

Release Detection:

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ONE STOP FOOD MART #351 (Continued)**

**U003769912**

Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	Yes
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	Yes
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	No
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	Yes
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5037733
Federally Regulated:	Yes
Tank Number:	2
Tank Capacity:	8000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	4/1/2000
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	Yes
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP FOOD MART #351 (Continued)**

**U003769912**

Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note Not reported

Release Detection:

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

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

Facility ID: 5037733  
Federally Regulated: Yes

Tank Number: R1  
Tank Capacity: 1200  
Tank Contents: OTHER  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Material:  
Install Date: Not reported  
Tank Materials: Bare Steel Yes  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ONE STOP FOOD MART #351 (Continued)**

**U003769912**

Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Facility ID:	5037733
Federally Regulated:	Yes

Tank Number:	R2
Tank Capacity:	1000
Tank Contents:	GASOLINE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP FOOD MART #351 (Continued)**

**U003769912**

<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ONE STOP FOOD MART #351 (Continued)**

**U003769912**

VA Financial Assurance 1:

Facility ID: 5037733  
 Owner Name: J&M Investments  
 ROF Own Id: 26632  
 Tank Type: UST  
 Mechanism: Letter of Credit  
 Gallonage: Not reported  
 Per Occurrence: 50000  
 Third Party: 150000  
 Annual Aggregate: 200000  
 In Compliance: Not reported  
 Total Capacity: 12000  
 CEDS Facility Name: One Stop Food Mart  
 Tank Status: CURR IN USE  
 Active Federally Regulated UST: Y

Facility ID: 5037733  
 Owner Name: J&M Investments  
 ROF Own Id: 26632  
 Tank Type: UST  
 Mechanism: Letter of Credit  
 Gallonage: Not reported  
 Per Occurrence: 50000  
 Third Party: 150000  
 Annual Aggregate: 200000  
 In Compliance: Not reported  
 Total Capacity: 8000  
 CEDS Facility Name: One Stop Food Mart  
 Tank Status: CURR IN USE  
 Active Federally Regulated UST: Y

**H39**  
**ENE**  
 1/8-1/4  
 0.209 mi.  
 1105 ft.

**NORFOLK CITY - PLUM POINT PARK**  
**1001 W BRAMBLETON AVE**  
**NORFOLK, VA 23510**  
 Site 2 of 3 in cluster H

**VA LUST S108514749**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**7 ft.**

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000846463  
**Facility Status: Closed**  
 Completed Date: 04/06/2007  
 Pollution Complaint Num: 20075109  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: Release reported

Region: TD  
 Region Code: TRO  
 Facility ID: 200000846463  
**Facility Status: Closed**  
 Completed Date: 09/24/2007  
 Pollution Complaint Num: 20075109  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK CITY - PLUM POINT PARK (Continued)**

**S108514749**

Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000846463  
**Case Status: Closed**  
Pollution Complaint #: 20075109  
Reported: 04/06/2007  
Case Closed Date: 09/24/2007  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): Y  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**I40  
NE  
1/8-1/4  
0.225 mi.  
1189 ft.**

**AMOCO 60546 TANKS  
800 E BRAMBLETON AVE  
NORFOLK, VA 23504  
Site 1 of 2 in cluster I**

**RCRA-SQG 1000891691  
FINDS VA0000251710  
ECHO**

**Relative:  
Lower  
Actual:  
8 ft.**

RCRA-SQG:  
Date form received by agency: 04/12/1994  
Facility name: AMOCO 60546 TANKS  
Facility address: 800 E BRAMBLETON AVE  
NORFOLK, VA 23504  
EPA ID: VA0000251710  
Mailing address: ONE W PENNA AVE STE 900  
TOWSON, MD 21204-5027  
Contact: TONI DOUGHERTY  
Contact address: ONE W PENNA AVE STE 900  
TOWSON, MD 21204-5027  
Contact country: US  
Contact telephone: 410-494-3704  
Contact email: Not reported  
EPA Region: 03  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: AMOCO OIL CO  
Owner/operator address: STE 900 ONE W PENNA AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMOCO 60546 TANKS (Continued)**

**1000891691**

TOWSON, MD 21204  
Owner/operator country: Not reported  
Owner/operator telephone: 410-494-3706  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

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

. Waste code: D018  
. Waste name: BENZENE

Violation Status: No violations found

**FINDS:**

Registry ID: 110005214099

Environmental Interest/Information System

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.

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMOCO 60546 TANKS (Continued)**

**1000891691**

ECHO:

Envid: 1000891691  
 Registry ID: 110005214099  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005214099>

**I41**  
**NE**  
**1/8-1/4**  
**0.225 mi.**  
**1189 ft.**

**CHURCH STREET BP**  
**800 E BRAMBLETON AVE**  
**NORFOLK, VA 23504**

**Site 2 of 2 in cluster I**

**VA LUST**  
**VA LTANKS**  
**VA UST**  
**VA Financial Assurance**

**U003692485**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

LUST REG TD:

Region: TD  
 Region Code: TRO  
 Facility ID: 200000089799  
**Facility Status: Closed**  
 Completed Date: 04/26/2001  
 Pollution Complaint Num: 20015131  
 Fed Regulated Tank: Yes  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: Release reported

Region: TD  
 Region Code: TRO  
 Facility ID: 200000089799  
**Facility Status: Closed**  
 Completed Date: 08/08/2002  
 Pollution Complaint Num: 20015131  
 Fed Regulated Tank: Yes  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: Case Closed

LTANKS:

Region: TRO  
 CEDS Facility Id: 200000089799  
**Case Status: Closed**  
 Pollution Complaint #: 20015131  
 Reported: 04/26/2001  
 Case Closed Date: 08/08/2002  
 Program: RP Lead  
 Federally Regulated UST (Y/N): Y  
 Regulated Petroleum UST (1): Y  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): N  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHURCH STREET BP (Continued)**

**U003692485**

Facility:

Facility Id: 5024425  
Facility Type: GAS STATION  
CEDS Facility ID: 200000089799

Owner:

Owner Id: 40905  
Owner Name: Tidewater Investments LLC  
Owner Address: PO Box 10114  
Owner Address2: Not reported  
Owner City, State, Zip: Virginia Beach, VA 23450  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 3  
Number of Inactive AST: 0  
Number of Inactive UST: 0

Owner Id: 40055  
Owner Name: BP Products North America Incorporated  
Owner Address: PO Box 6038  
Owner Address2: Not reported  
Owner City, State, Zip: Artesia, CA 90702  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 3  
Number of Inactive AST: 0  
Number of Inactive UST: 0

UST:

Facility ID: 5024425  
Federally Regulated: Yes

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

Tank Material:

Install Date: 7/1/1991  
Tank Materials: Bare Steel No  
Tank Materials: Cath Protect Steel Yes  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note Sti-P3

Release Detection:

Tank Release Detection: Leak Deferred No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHURCH STREET BP (Continued)**

**U003692485**

Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350 w/CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	flapper
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	FLEX PROTECTORS
Facility ID:	5024425
Federally Regulated:	Yes
Tank Number:	2
Tank Capacity:	10000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	7/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHURCH STREET BP (Continued)**

**U003692485**

Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Sti-P3
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350 w/CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	flapper
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	FLEX PROTECTORS
Facility ID:	5024425
Federally Regulated:	Yes
Tank Number:	3
Tank Capacity:	10000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	7/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHURCH STREET BP (Continued)**

**U003692485**

Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Sti-P3

Release Detection:

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	TLS-350 w/CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	Yes
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	flapper

Pipe Type:

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

VA Financial Assurance 1:

Facility ID:	5024425
Owner Name:	Tidewater Investments LLC
ROF Own Id:	40905

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHURCH STREET BP (Continued)**

**U003692485**

Tank Type: UST  
 Mechanism: Not reported  
 Gallonage: Not reported  
 Per Occurrence: Not reported  
 Third Party: Not reported  
 Annual Aggregate: Not reported  
 In Compliance: Not reported  
 Total Capacity: 10000  
 CEDS Facility Name: BP Amoco Station #60546  
 Tank Status: CURR IN USE  
 Active Federally Regualted UST: Y

Facility ID: 5024425  
 Owner Name: Tidewater Investments LLC  
 ROF Own Id: 40905  
 Tank Type: UST  
 Mechanism: Not reported  
 Gallonage: Not reported  
 Per Occurrence: Not reported  
 Third Party: Not reported  
 Annual Aggregate: Not reported  
 In Compliance: Not reported  
 Total Capacity: 10000  
 CEDS Facility Name: BP Amoco Station #60546  
 Tank Status: CURR IN USE  
 Active Federally Regualted UST: Y

Facility ID: 5024425  
 Owner Name: Tidewater Investments LLC  
 ROF Own Id: 40905  
 Tank Type: UST  
 Mechanism: Not reported  
 Gallonage: Not reported  
 Per Occurrence: Not reported  
 Third Party: Not reported  
 Annual Aggregate: Not reported  
 In Compliance: Not reported  
 Total Capacity: 10000  
 CEDS Facility Name: BP Amoco Station #60546  
 Tank Status: CURR IN USE  
 Active Federally Regualted UST: Y

42  
 North  
 1/8-1/4  
 0.233 mi.  
 1229 ft.

**YOUNGS PARK ELEMENTARY SCHOOL**  
**543 OLNEY EAST ROAD**  
**NORFOLK, VA 23507**

**VA LUST U003692551**  
**VA LTANKS N/A**  
**VA UST**

**Relative:**  
**Higher**  
**Actual:**  
**10 ft.**

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000067833  
**Facility Status: Closed**  
 Completed Date: 06/15/1990  
 Pollution Complaint Num: 19901773  
 Fed Regulated Tank: Yes  
 Phase Code: RR  
 Event Description: Release Reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUNGS PARK ELEMENTARY SCHOOL (Continued)**

**U003692551**

Comments: SOIL CONTAMINATION ASSOCIATED WITH UST REMOVALS.  
  
Region: TD  
Region Code: TRO  
Facility ID: 200000067833  
**Facility Status: Closed**  
Completed Date: 08/12/1994  
Pollution Complaint Num: 19901773  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000067833  
**Case Status: Closed**  
Pollution Complaint #: 19901773  
Reported: 06/15/1990  
Case Closed Date: 08/12/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**Facility:**

Facility Id: 5025013  
Facility Type: LOCAL  
CEDS Facility ID: 200000067833

**Owner:**

Owner Id: 31434  
Owner Name: Norfolk Public Schools  
Owner Address: 966 Bellmore Ave  
Owner Address2: Not reported  
Owner City, State, Zip: Norfolk, VA 23504  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

**UST:**

Facility ID: 5025013  
Federally Regulated: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUNGS PARK ELEMENTARY SCHOOL (Continued)**

**U003692551**

Tank Number:	1
Tank Capacity:	Not reported
Tank Contents:	UNKNOWN
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	Yes
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUNGS PARK ELEMENTARY SCHOOL (Continued)**

**U003692551**

Pipe Materials: Unknown Yes  
Pipe Materials: Other No  
Pipe Materials: Other Note Not reported

**J43**  
**South**  
**1/8-1/4**  
**0.237 mi.**  
**1250 ft.**

**REPROGRAPHICS & DISTRIBUTION**

**920 E MAIN ST**  
**NORFOLK, VA 23501**

**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**1000837748**  
**VAD988222667**

**Site 1 of 2 in cluster J**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**11 ft.**

Date form received by agency: 06/26/1997  
Facility name: REPROGRAPHICS & DISTRIBUTION  
Facility address: 920 E MAIN ST  
NORFOLK, VA 23501  
EPA ID: VAD988222667  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 03  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: CITY OF NORFOLK  
Owner/operator address: 309 CITY HALL BLDG  
NORFOLK, VA 23510  
Owner/operator country: Not reported  
Owner/operator telephone: 804-441-5288  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REPROGRAPHICS & DISTRIBUTION (Continued)**

**1000837748**

Used oil transporter: No

Historical Generators:

Date form received by agency: 11/13/1992

Site name: REPROGRAPHICS & DISTRIBUTION

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

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

. Waste code: D002

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/26/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported

Date achieved compliance: Not reported

Evaluation lead agency: State

FINDS:

Registry ID: 110006829931

Environmental Interest/Information System

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.

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

ECHO:

Envid: 1000837748

Registry ID: 110006829931

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006829931>

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J44**  
**South**  
**1/8-1/4**  
**0.237 mi.**  
**1250 ft.**

**CITY HALL BOILER ROOM**  
**920 EAST MAIN STREET**  
**NORFOLK, VA 23510**

**VA UST**    **U003689582**  
**N/A**

**Site 2 of 2 in cluster J**

**Relative:**  
**Higher**  
**Actual:**  
**11 ft.**

Facility:  
 Facility Id: 5004705  
 Facility Type: LOCAL  
 CEDS Facility ID: 200000066318

Owner:  
 Owner Id: 27233  
 Owner Name: City of Norfolk  
 Owner Address: 2840 Dana Street  
 Owner Address2: Attn: William Clendenin  
 Owner City, State, Zip: Norfolk, VA 23509  
 Owner Type: LOCAL  
 Number of Active AST: 0  
 Number of Active UST: 0  
 Number of Inactive AST: 0  
 Number of Inactive UST: 4

UST:  
 Facility ID: 5004705  
 Federally Regulated: No

Tank Number: 1  
 Tank Capacity: 10000  
 Tank Contents: HEATING OIL  
**Tank Status: PERM OUT OF USE**  
 Tank Type: UST

Tank Material:  
 Install Date: 12/1/1995  
 Tank Materials: Bare Steel No  
 Tank Materials: Cath Protect Steel No  
 Tank Materials: Epoxy Steel No  
 Tank Materials: Fiberglass Yes  
 Tank Materials: Concrete No  
 Tank Materials: Composite No  
 Tank Materials: Double Walled No  
 Tank Materials: Lined Interior No  
 Tank Materials: Excav Liner No  
 Tank Materials: Insulated Tank Jacket No  
 Tank Materials: Repaired No  
 Tank Materials: Unknown No  
 Tank Materials: Other No  
 Tank Materials: Other Note Not reported

Release Detection:  
 Tank Release Detection: Leak Deferred No  
 Tank Release Detection: Manual Gauge No  
 Tank Release Detection: Auto Gauge Yes  
 Tank Release Detection: Tank Tightness No  
 Tank Release Detection: Vapor Monitor No  
 Tank Release Detection: Inventory No  
 Tank Release Detection: Stat Invent Recon No  
 Tank Release Detection: Spill Install Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY HALL BOILER ROOM (Continued)**

**U003689582**

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

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

Facility ID:	5004705
Federally Regulated:	No

Tank Number:	1R
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST

Tank Material:	
Install Date:	7/1/1963
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY HALL BOILER ROOM (Continued)**

**U003689582**

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5004705
Federally Regulated:	No
Tank Number:	2
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	12/1/1995
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY HALL BOILER ROOM (Continued)**

**U003689582**

Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	No
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Overfill Automatic Shutoff
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5004705
Federally Regulated:	No
Tank Number:	2R
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	7/1/1963
Tank Materials: Bare Steel	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY HALL BOILER ROOM (Continued)**

**U003689582**

Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K45**  
**SW**  
**1/8-1/4**  
**0.238 mi.**  
**1259 ft.**

**PLAZA ONE BUILDING**  
**550 EAST MAIN STREET**  
**NORFOLK, VA 23510**

**VA UST**    **U003688892**  
**N/A**

**Site 1 of 3 in cluster K**

**Relative:**  
**Lower**

Facility:

**Actual:**  
**8 ft.**

Facility Id: 5000563  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000091544

Owner:

Owner Id: 36230  
Owner Name: MALL DEVELOPMENT ASSOCIATES  
Owner Address: %S.L. NUSBAUM REALTY COMPANY y  
Owner Address2: Not reported  
Owner City, State, Zip: NORFOLK, VA 23510  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

UST:

Facility ID: 5000563  
Federally Regulated: No

Tank Number: G1  
Tank Capacity: 10000  
Tank Contents: HEATING OIL  
**Tank Status: CLS IN GRD**  
Tank Type: UST

Tank Material:

Install Date: 2/20/1963  
Tank Materials: Bare Steel Yes  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No  
Tank Release Detection: Manual Gauge No  
Tank Release Detection: Auto Gauge No  
Tank Release Detection: Tank Tightness No  
Tank Release Detection: Vapor Monitor No  
Tank Release Detection: Inventory No  
Tank Release Detection: Stat Invent Recon No  
Tank Release Detection: Spill Install No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PLAZA ONE BUILDING (Continued)**

**U003688892**

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

**46**  
**South**  
**1/8-1/4**  
**0.238 mi.**  
**1259 ft.**

**HAMPTON AREA SHORE PATROL HQ**  
**140 EAST ST**  
**NORFOLK, VA 23510**

**VA UST**    **U003692289**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**10 ft.**

Facility:	
Facility Id:	5023178
Facility Type:	FEDERAL: MILITARY
CEDS Facility ID:	200000065414
Owner:	
Owner Id:	35917
Owner Name:	COMMANDER - NAVAL BASE NORFOLK
Owner Address:	1530 GILBERT STREET; SUITE 220
Owner Address2:	Not reported
Owner City, State, Zip:	NORFOLK, VA 23511
Owner Type:	FEDERAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	1
UST:	
Facility ID:	5023178
Federally Regulated:	Yes
Tank Number:	NOR-140

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAMPTON AREA SHORE PATROL HQ (Continued)**

**U003692289**

Tank Capacity:	2000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	1/1/1969
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HAMPTON AREA SHORE PATROL HQ (Continued)**

**U003692289**

Pipe Materials: Other No  
 Pipe Materials: Other Note Not reported

**47**  
**East**  
**1/8-1/4**  
**0.240 mi.**  
**1266 ft.**

**TIDEWATER PARK ELEMENTARY SCHOOL**  
**1045 BRAMBLETON AVENUE**  
**NORFOLK, VA 23504**

**VA LUST**  
**VA LTANKS**  
**VA UST**

**U003692731**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

**LUST REG TD:**  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000067352  
**Facility Status: Closed**  
 Completed Date: 12/22/1992  
 Pollution Complaint Num: 19931231  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: CONTAMINATED SOILS & FP FOUND NEAR USTS DURING SITE CHECK.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000067352  
**Facility Status: Closed**  
 Completed Date: 05/04/1995  
 Pollution Complaint Num: 19931231  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED.

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000067352  
**Case Status: Closed**  
 Pollution Complaint #: 19931231  
 Reported: 12/22/1992  
 Case Closed Date: 05/04/1995  
 Program: RP Lead  
 Federally Regulated UST (Y/N): N  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): N  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TIDEWATER PARK ELEMENTARY SCHOOL (Continued)

U003692731

Facility:

Facility Id: 5026610  
Facility Type: LOCAL  
CEDS Facility ID: 200000067352

Owner:

Owner Id: 31434  
Owner Name: Norfolk Public Schools  
Owner Address: 966 Bellmore Ave  
Owner Address2: Not reported  
Owner City, State, Zip: Norfolk, VA 23504  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 2

UST:

Facility ID: 5026610  
Federally Regulated: No

Tank Number: G1  
Tank Capacity: 2000  
Tank Contents: KEROSENE  
**Tank Status: CLS IN GRD**  
Tank Type: UST

Tank Material:

Install Date: 1/2/1963  
Tank Materials: Bare Steel Yes  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No  
Tank Materials: Other Note Not reported

Release Detection:

Tank Release Detection: Leak Deferred No  
Tank Release Detection: Manual Gauge No  
Tank Release Detection: Auto Gauge No  
Tank Release Detection: Tank Tightness No  
Tank Release Detection: Vapor Monitor No  
Tank Release Detection: Inventory No  
Tank Release Detection: Stat Invent Recon No  
Tank Release Detection: Spill Install No  
Tank Release Detection: Overfill Install No  
Tank Release Detection: Groundwater No  
Tank Release Detection: Int Sec Containment No  
Tank Release Detection: Int Double Walled No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TIDEWATER PARK ELEMENTARY SCHOOL (Continued)

U003692731

Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5026610
Federally Regulated:	No
Tank Number:	G2
Tank Capacity:	4000
Tank Contents:	KEROSENE
<b>Tank Status:</b>	<b>CLS IN GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	6/1/1973
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TIDEWATER PARK ELEMENTARY SCHOOL (Continued)**

**U003692731**

Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

**L48**  
**WNW**  
**1/8-1/4**  
**0.241 mi.**  
**1273 ft.**

**SHOWCASE BUILDING**  
**500 GRANBY STREET**  
**NORFOLK, VA 23510**  
**Site 1 of 3 in cluster L**

**VA LUST** **S105094622**  
**VA LTANKS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LUST REG TD:**

Region:	TD
Region Code:	TRO
Facility ID:	200000201732
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	05/01/2001
Pollution Complaint Num:	20015139
Fed Regulated Tank:	Yes
Phase Code:	RR
Event Description:	Release Reported
Comments:	Release reported
Region:	TD
Region Code:	TRO
Facility ID:	200000201732
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	07/06/2001
Pollution Complaint Num:	20015139

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHOWCASE BUILDING (Continued)**

**S105094622**

Fed Regulated Tank: Yes  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: Case closed/letter sent

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000201732  
**Case Status: Closed**  
 Pollution Complaint #: 20015139  
 Reported: 05/01/2001  
 Case Closed Date: 07/06/2001  
 Program: RP Lead  
 Federally Regulated UST (Y/N): Y  
 Regulated Petroleum UST (1): Y  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): Y  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Not reported

**49**  
**NW**  
**1/8-1/4**  
**0.242 mi.**  
**1279 ft.**

**WALTER E. HOFFMAN COURTHOUSE**  
**600 GRANBY STREET**  
**NORFOLK, VA 23510**

**VA UST U003689472**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**7 ft.**

Facility:  
 Facility Id: 5003950  
 Facility Type: FEDERAL: NON-MILITARY  
 CEDS Facility ID: 200000067635  
 Owner:  
 Owner Id: 29838  
 Owner Name: General Services Administration  
 Owner Address: 301 7th St NW  
 Owner Address2: Not reported  
 Owner City, State, Zip: Washington, DC 20407  
 Owner Type: FEDERAL  
 Number of Active AST: 0  
 Number of Active UST: 0  
 Number of Inactive AST: 0  
 Number of Inactive UST: 1

**UST:**

Facility ID: 5003950  
 Federally Regulated: No  
 Tank Number: 1  
 Tank Capacity: 12000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALTER E. HOFFMAN COURTHOUSE (Continued)**

**U003689472**

Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	8/1/1969
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

WALTER E. HOFFMAN COURTHOUSE (Continued)

U003689472

Pipe Materials: Other Note Not reported

M50  
NNE  
1/8-1/4  
0.247 mi.  
1304 ft.

WILLIAMS, T C CLEANER  
635 E OLNEY  
NORFOLK, VA 23510  
Site 1 of 2 in cluster M

RCRA NonGen / NLR  
FINDS  
ECHO

1000283928  
VAD982580540

Relative:  
Higher

RCRA NonGen / NLR:

Actual:  
11 ft.

Date form received by agency: 07/20/2017  
Facility name: WILLIAMS, T C CLEANER  
Facility address: 635 E OLNEY  
NORFOLK, VA 23510  
EPA ID: VAD982580540  
Contact: FLORENCE MOORE  
Contact address: 635 E OLNEY  
NORFOLK, VA 23510  
Contact country: US  
Contact telephone: 804-625-4813  
Contact email: Not reported  
EPA Region: 03  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

Owner/operator name: MASON, LYNDIA  
Owner/operator address: OWNERSTREET  
OWNERCITY, AK 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: OPERNAME  
Owner/operator address: OPERSTREET  
OPERCITY, AK 99999  
Owner/operator country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMS, T C CLEANER (Continued)**

**1000283928**

Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MASON, LYNDA  
Owner/operator address: OWNERSTREET  
OWNERCITY, AK 99999

Owner/operator country: US  
Owner/operator telephone: 215-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/15/1988  
Site name: WILLIAMS, T C CLEANER  
Classification: Small Quantity Generator

. Waste code: D000  
. Waste name: Not Defined

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WILLIAMS, T C CLEANER (Continued)**

**1000283928**

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/16/2017  
 Evaluation: FOCUSED COMPLIANCE INSPECTION  
 Area of violation: Not reported  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

FINDS:

Registry ID: 110005234157

Environmental Interest/Information System

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.

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

ECHO:

Envid: 1000283928  
 Registry ID: 110005234157  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005234157>

H51  
 ENE  
 1/4-1/2  
 0.251 mi.  
 1325 ft.

**TITUS SCHOOL**  
**722 CHAPEL STREET**  
**NORFOLK, VA 23504**  
**Site 3 of 3 in cluster H**

**VA LUST** **U003692766**  
**VA LTANKS** **N/A**  
**VA UST**

Relative:  
 Lower  
 Actual:  
 7 ft.

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000087589  
**Facility Status: Closed**  
 Completed Date: 06/02/1993  
 Pollution Complaint Num: 19932421  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TITUS SCHOOL (Continued)**

**U003692766**

Comments: SOIL & GROUNDWATER CONTAMINATION REPORTED IN AREA OF FORMER USTS.

Region: TD  
Region Code: TRO  
Facility ID: 200000087589  
**Facility Status: Closed**  
Completed Date: 02/11/1994  
Pollution Complaint Num: 19932421  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000087589  
**Case Status: Closed**  
Pollution Complaint #: 19932421  
Reported: 06/02/1993  
Case Closed Date: 02/11/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**Facility:**

Facility Id: 5026770  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000087589

**Owner:**

Owner Id: 35126  
Owner Name: NATIONSBANK  
Owner Address: 1111 EAST MAIN STREET  
Owner Address2: Not reported  
Owner City, State, Zip: RICHMOND, VA 23219  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

**UST:**

Facility ID: 5026770  
Federally Regulated: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TITUS SCHOOL (Continued)**

**U003692766**

Tank Number:	1
Tank Capacity:	Not reported
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	Yes
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TITUS SCHOOL (Continued)**

**U003692766**

Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

**K52**  
**SSW**  
 1/4-1/2  
 0.256 mi.  
 1351 ft.

**FIRST VIRGINIA BANK TOWER**  
**555 E MAIN ST**  
**NORFOLK, VA 23510**  
**Site 2 of 3 in cluster K**

**VA LUST** **U003692114**  
**VA UST** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LUST REG TD:**

Region:	TD
Region Code:	TRO
Facility ID:	200000065165
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	08/14/1995
Pollution Complaint Num:	19962222
Fed Regulated Tank:	Yes
Phase Code:	RR
Event Description:	Release Reported
Comments:	HEAVY STAINING IN BORING AT GW NEAR EMERG. GENERATOR/FIRE PUMP UST

Region:	TD
Region Code:	TRO
Facility ID:	200000065165
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	10/16/1995
Pollution Complaint Num:	19962222
Fed Regulated Tank:	Yes
Phase Code:	CLOSURE
Event Description:	Case Closure Date - Letter Sent
Comments:	CASE CLOSED.

**Facility:**

Facility Id:	5021861
Facility Type:	COMMERCIAL
CEDS Facility ID:	200000065165

**Owner:**

Owner Id:	32837
Owner Name:	First Virginia Bank
Owner Address:	6400 Arlington Blvd suite 320
Owner Address2:	Not reported
Owner City, State, Zip:	Falls Church, VA 22042
Owner Type:	COMMERCIAL
Number of Active AST:	0
Number of Active UST:	0
Number of Inactive AST:	0
Number of Inactive UST:	1

**UST:**

Facility ID:	5021861
Federally Regulated:	Yes

Tank Number:	R1
Tank Capacity:	1000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST VIRGINIA BANK TOWER (Continued)**

**U003692114**

Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	1/1/1974
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST VIRGINIA BANK TOWER (Continued)**

**U003692114**

Pipe Materials: Other Note                      Not reported

**L53**  
**WNW**  
**1/4-1/2**  
**0.257 mi.**  
**1357 ft.**

**MONTAGNA'S PROPERTIES LLC**  
**437 GRANBY ST**  
**NORFOLK, VA 23510**  
**Site 2 of 3 in cluster L**

**VA LUST**    **S112154207**  
**VA LTANKS**    **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

LUSTR REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000857775  
**Facility Status: Open**  
Completed Date: 07/18/2012  
Pollution Complaint Num: 20135002  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000857775  
**Case Status: Open**  
Pollution Complaint #: 20135002  
Reported: 07/18/2012  
Case Closed Date: Not reported  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

**L54**  
**WNW**  
**1/4-1/2**  
**0.259 mi.**  
**1368 ft.**

**TRAPANI PROPERTY**  
**431 GRANBY ST**  
**NORFOLK, VA 23510**  
**Site 3 of 3 in cluster L**

**VA LUST**    **S112154208**  
**VA LTANKS**    **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

LUSTR REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000857776  
**Facility Status: Open**  
Completed Date: 07/18/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TRAPANI PROPERTY (Continued)**

**S112154208**

Pollution Complaint Num: 20135003  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000857776  
**Case Status: Closed**  
Pollution Complaint #: 20135003  
Reported: 07/18/2012  
Case Closed Date: 08/22/2018  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

**N55**  
**WNW**  
**1/4-1/2**  
**0.267 mi.**  
**1411 ft.**

**THREE HAPPINESS CHINESE RESTAURANT**  
**411 GRANBY STREET**  
**NORFOLK, VA 23510**  
**Site 1 of 2 in cluster N**

**VA LUST** **U003799202**  
**VA LTANKS** **N/A**  
**VA UST**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**LUST REG TD:**  
Region: TD  
Region Code: TRO  
Facility ID: 200000191269  
**Facility Status: Closed**  
Completed Date: 07/02/1999  
Pollution Complaint Num: 20005002  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: CONTAM NOTED.

Region: TD  
Region Code: TRO  
Facility ID: 200000191269  
**Facility Status: Closed**  
Completed Date: 08/04/1999  
Pollution Complaint Num: 20005002  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

THREE HAPPINESS CHINESE RESTAURANT (Continued)

U003799202

LTANKS:

Region: TRO  
CEDS Facility Id: 200000191269  
**Case Status:** Closed  
Pollution Complaint #: 20005002  
Reported: 07/02/1999  
Case Closed Date: 08/04/1999  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5028926  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000191269

Owner:

Owner Id: 39941  
Owner Name: Wenson Ge  
Owner Address: China Business Center  
Owner Address2: 416 Boush St  
Owner City, State, Zip: Norfolk, VA 23510  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

UST:

Facility ID: 5028926  
Federally Regulated: Yes

Tank Number: R1  
Tank Capacity: 550  
Tank Contents: Not reported  
**Tank Status:** REM FROM GRD  
Tank Type: UST

Tank Material:

Install Date: 1/1/1970  
Tank Materials: Bare Steel Yes  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THREE HAPPINESS CHINESE RESTAURANT (Continued)**

**U003799202**

Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**N56**  
**WNW**  
**1/4-1/2**  
**0.272 mi.**  
**1435 ft.**

**GROWING NORFOLK, LLC**  
**429 GRANBY ST**  
**NORFOLK, VA 23517**

**VA LUST** **S111684519**  
**VA LTANKS** **N/A**

**Site 2 of 2 in cluster N**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000856726  
**Facility Status: Open**  
Completed Date: 01/19/2012  
Pollution Complaint Num: 20125089  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000856726  
**Case Status: Closed**  
Pollution Complaint #: 20125089  
Reported: 01/19/2012  
Case Closed Date: 08/22/2018  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

**M57**  
**NNE**  
**1/4-1/2**  
**0.274 mi.**  
**1449 ft.**

**LET US PRODUCE**  
**620 E OLNEY RD**  
**NORFOLK, VA 23510**

**VA LUST** **S107869792**  
**VA LTANKS** **N/A**

**Site 2 of 2 in cluster M**

**Relative:**  
**Higher**  
**Actual:**  
**11 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000224072  
**Facility Status: Closed**  
Completed Date: 05/02/2006  
Pollution Complaint Num: 20065148  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LET US PRODUCE (Continued)

S107869792

Region: TD  
Region Code: TRO  
Facility ID: 200000224072  
**Facility Status: Closed**  
Completed Date: 06/16/2006  
Pollution Complaint Num: 20065148  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO  
CEDS Facility Id: 200000224072  
**Case Status: Closed**  
Pollution Complaint #: 20065148  
Reported: 05/02/2006  
Case Closed Date: 06/16/2006  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: NFA

K58  
SW  
1/4-1/2  
0.287 mi.  
1516 ft.

NORFOLK SOUTHERN TOWER  
3 COMMERCIAL PLACE  
NORFOLK, VA 23510  
Site 3 of 3 in cluster K

VA LUST S104742280  
VA LTANKS N/A

Relative:  
Lower  
Actual:  
8 ft.

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000191330  
**Facility Status: Closed**  
Completed Date: 10/22/1999  
Pollution Complaint Num: 20005107  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: UST TANK FOUND DURING CROSSWALK CONSTRUCTION.

Region: TD  
Region Code: TRO  
Facility ID: 200000191330  
**Facility Status: Closed**  
Completed Date: 01/11/2002

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORFOLK SOUTHERN TOWER (Continued)**

**S104742280**

Pollution Complaint Num: 20005107  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: Case closed/no further corrective action letter sent

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000191330  
**Case Status: Closed**  
 Pollution Complaint #: 20005107  
 Reported: 10/22/1999  
 Case Closed Date: 01/11/2002  
 Program: RP Lead  
 Federally Regulated UST (Y/N): N  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): Y  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: Y  
 Unknown Y/N: N  
 Other Description: "10,000 HO UST"  
 Heating Oil Category: Category 3

**O59**  
**NNW**  
**1/4-1/2**  
**0.292 mi.**  
**1540 ft.**

**HUMAN SERVICES BUILDING**  
**741 MONTICELLO AVE**  
**NORFOLK, VA 23510**  
**Site 1 of 2 in cluster O**

**VA LUST S108106493**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

**LUST REG TD:**  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000064145  
**Facility Status: Closed**  
 Completed Date: 04/29/1991  
 Pollution Complaint Num: 19911589  
 Fed Regulated Tank: Yes  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: CONTAMINATED SOIL AT UST CLOSURE

Region: TD  
 Region Code: TRO  
 Facility ID: 200000064145  
**Facility Status: Closed**  
 Completed Date: 08/16/1994  
 Pollution Complaint Num: 19911589  
 Fed Regulated Tank: Yes  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUMAN SERVICES BUILDING (Continued)**

**S108106493**

LTANKS:

Region: TRO  
CEDS Facility Id: 200000064145  
**Case Status: Closed**  
Pollution Complaint #: 19911589  
Reported: 04/29/1991  
Case Closed Date: 08/16/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

60  
ESE  
1/4-1/2  
0.295 mi.  
1560 ft.

**NORFOLK CITY OF - RUFFNER MIDDLE SCHOOL**  
**489 TIDEWATER DRIVE**  
**NORFOLK, VA 23504**

**VA LUST S105987332**  
**VA LTANKS N/A**  
**VA SPILLS**

Relative:  
Lower  
Actual:  
5 ft.

LUST REG TD:

Region: TD  
Region Code: TRO  
Facility ID: 200000066850  
**Facility Status: Closed**  
Completed Date: 03/05/1992  
Pollution Complaint Num: 19921528  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: HIGH SOIL TPH.

Region: TD  
Region Code: TRO  
Facility ID: 200000066850  
**Facility Status: Closed**  
Completed Date: 08/19/1994  
Pollution Complaint Num: 19921528  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

Region: TD  
Region Code: TRO  
Facility ID: 200000066850  
**Facility Status: Closed**  
Completed Date: 03/05/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NORFOLK CITY OF - RUFFNER MIDDLE SCHOOL (Continued)

S105987332

Pollution Complaint Num: 19921529  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: HIGH SOIL TPH .

Region: TD  
Region Code: TRO  
Facility ID: 200000066850  
**Facility Status: Closed**  
Completed Date: 08/19/1994  
Pollution Complaint Num: 19921529  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

Region: TD  
Region Code: TRO  
Facility ID: 200000066850  
**Facility Status: Closed**  
Completed Date: 03/18/1992  
Pollution Complaint Num: 19921669  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: OVERFILL OF FUEL OIL UST- SOIL CONTAM. FOUND

Region: TD  
Region Code: TRO  
Facility ID: 200000066850  
**Facility Status: Closed**  
Completed Date: 08/19/1994  
Pollution Complaint Num: 19921669  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

LTANKS:

Region: TRO  
CEDS Facility Id: 200000066850  
**Case Status: Closed**  
Pollution Complaint #: 19921669  
Reported: 03/18/1992  
Case Closed Date: 08/19/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NORFOLK CITY OF - RUFFNER MIDDLE SCHOOL (Continued)

S105987332

Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported  
  
Region: TRO  
CEDS Facility Id: 200000066850  
**Case Status: Closed**  
Pollution Complaint #: 19921529  
Reported: 03/05/1992  
Case Closed Date: 08/19/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Region: TRO  
CEDS Facility Id: 200000066850  
**Case Status: Closed**  
Pollution Complaint #: 19921528  
Reported: 03/05/1992  
Case Closed Date: 08/19/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

SPILLS TD:

Region: TD  
PC Number: 92-1947  
Incident Response: Not reported  
Incident Date: Not reported  
Time In: Not reported  
Facility Permitted: Not reported  
Facility Contact: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NORFOLK CITY OF - RUFFNER MIDDLE SCHOOL (Continued)

S105987332

Facility Phone:	Not reported
Resp Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Resp Party Phone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Incident Date:	Not reported
Incident Time:	Not reported
Petroleum:	Not reported
Solid Waste:	Not reported
Haz Waste:	Not reported
Water:	Not reported
Air:	Not reported
Sewage:	Not reported
Fish Killed:	Not reported
Medical Waste:	Not reported
Wetland:	Not reported
Terrorism:	Not reported
Material Released:	Not reported
Possible Receptors:	Not reported
Qty Released:	Not reported
Unit:	Not reported
Qty In Water:	Not reported
Receiving Waters:	Not reported
River Basin:	Not reported
Topo Map Id:	Not reported
Inspection Dt:	Not reported
Call Date:	Not reported
Inspector:	Not reported
Response Due:	Not reported
Response Receive:	Not reported
<b>Date Closed:</b>	<b>Not reported</b>
Dt Ref Air C/m:	Not reported
Air Reg Permit #:	Not reported
Date Ref Waste C/M:	Not reported
Epa Ir/permit #:	Not reported
Date Ref Water C/m:	Not reported
Water Permit #:	Not reported
Date Ref Remediation:	Not reported
Remediation PC #:	Not reported
Date Ref Enforcement:	Not reported
NOV Number:	Not reported
Date Received:	4/21/1992
Source:	Not reported
Summary:	Not reported
Comments:	Not reported
Report Notes:	HEATING OIL SPILL. TOTAL OF 3665 GALS HAVE BEEN RECOVERED BY CONTRACTOR AND USCG. BOOMS/PADS USED IN RECOVERY. WORKING W/SWCB AND NORFOLK SCHOOLS TO FIND SOURCE.
Reported By Company:	Not reported
Reported By Address:	Not reported
Reported By Street:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORFOLK CITY OF - RUFFNER MIDDLE SCHOOL (Continued)**

**S105987332**

Reported By City,St,Zip: Not reported  
Reported By Phone: Not reported  
Report By Name: Not reported  
PI Date: 4/18/1992  
Incident Time: Not reported  
Incident Type: PETROLEUM  
Stream: Not reported  
Spill Volume: 4000  
Spill Unit: Not reported  
Volume To State Water: 4000

**P61**  
**WNW**  
**1/4-1/2**  
**0.305 mi.**  
**1609 ft.**

**EAGLETONS**  
**430 BOUSH STREET**  
**NORFOLK, VA 23507**  
**Site 1 of 2 in cluster P**

**VA LUST** **S104742311**  
**VA LTANKS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

**LUST REG TD:**  
Region: TD  
Region Code: TRO  
Facility ID: 200000194463  
**Facility Status: Closed**  
Completed Date: 01/21/2000  
Pollution Complaint Num: 20005157  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported

Region: TD  
Region Code: TRO  
Facility ID: 200000194463  
**Facility Status: Closed**  
Completed Date: 05/12/2006  
Pollution Complaint Num: 20005157  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - No Letter Sent  
Comments: Case Closed

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000194463  
**Case Status: Closed**  
Pollution Complaint #: 20005157  
Reported: 01/21/2000  
Case Closed Date: 05/12/2006  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAGLETONS (Continued)**

**S104742311**

Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

**62**  
**WSW**  
**1/4-1/2**  
**0.313 mi.**  
**1654 ft.**

**MARITIME TOWER**  
**234 MONTICELLO AVENUE**  
**NORFOLK, VA 23510**

**VA LUST** **U003691583**  
**VA UST** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**2 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000066050  
**Facility Status: Closed**  
Completed Date: 11/02/1993  
Pollution Complaint Num: 19940763  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: ELEVATED TPH IN SOILS AROUND 2/10,000-GALLON HEATING OIL USTS.

Region: TD  
Region Code: TRO  
Facility ID: 200000066050  
**Facility Status: Closed**  
Completed Date: 01/04/1994  
Pollution Complaint Num: 19940763  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

Facility:  
Facility Id: 5017789  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000066050

Owner:  
Owner Id: 37218  
Owner Name: EASTERN REFG; INC  
Owner Address: 919 EAST MAIN STREET; HDQ-8614  
Owner Address2: Not reported  
Owner City, State, Zip: RICHMOND, VA 23219  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 2

UST:  
Facility ID: 5017789  
Federally Regulated: No  
  
Tank Number: G1



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARITIME TOWER (Continued)**

**U003691583**

Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>CLS IN GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	5/6/1962
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	Yes
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	Yes
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARITIME TOWER (Continued)**

**U003691583**

Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5017789
Federally Regulated:	No
Tank Number:	G2
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>CLS IN GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	5/6/1962
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	Yes
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MARITIME TOWER (Continued)**

**U003691583**

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

**P63  
 WNW  
 1/4-1/2  
 0.316 mi.  
 1671 ft.**

**FIVE ASSOCIATES LLC PROPERTY  
 436 BOUSCH ST AND 450 BOUSCH ST  
 NORFOLK, VA 23510**

**VA LTANKS S117368638  
 N/A**

**Site 2 of 2 in cluster P**

**Relative:  
 Lower**

**LTANKS:**

**Actual:  
 9 ft.**

Region:	TRO
CEDS Facility Id:	200000878857
<b>Case Status:</b>	<b>Closed</b>
Pollution Complaint #:	20155044
Reported:	08/28/2014
Case Closed Date:	09/02/2014
Program:	RP Lead
Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	Y
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	NFA

**O64  
 NNW  
 1/4-1/2  
 0.318 mi.  
 1679 ft.**

**PRECISION TUNE  
 751 MONTICELLO AVE  
 NORFOLK, VA 23510**

**VA LUST U003692287  
 VA LTANKS N/A  
 VA UST**

**Site 2 of 2 in cluster O**

**Relative:  
 Lower**

**LUST REG TD:**

**Actual:  
 6 ft.**

Region:	TD
Region Code:	TRO
Facility ID:	200000091559
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	03/06/1991
Pollution Complaint Num:	19911351
Fed Regulated Tank:	Yes
Phase Code:	RR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

PRECISION TUNE (Continued)

U003692287

Event Description: Release Reported  
Comments: SOIL AND GW CONTAMINATION FOUND DURING UST CLOSURE-DATA RCVD.  
  
Region: TD  
Region Code: TRO  
Facility ID: 200000091559  
**Facility Status: Closed**  
Completed Date: 08/15/1994  
Pollution Complaint Num: 19911351  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NFA REQUIRED.

LTANKS:

Region: TRO  
CEDS Facility Id: 200000091559  
**Case Status: Closed**  
Pollution Complaint #: 19911351  
Reported: 03/06/1991  
Case Closed Date: 08/15/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5023159  
Facility Type: LOCAL  
CEDS Facility ID: 200000091559

Owner:

Owner Id: 35623  
Owner Name: JACK M GWALTNEY JR  
Owner Address: ROUTE 1; BOX 280A  
Owner Address2: Not reported  
Owner City, State, Zip: FREE UNION, VA 22940  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 7

UST:

Facility ID: 5023159

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Federally Regulated:	Yes
Tank Number:	1
Tank Capacity:	4000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5023159
Federally Regulated:	Yes
Tank Number:	2
Tank Capacity:	4000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5023159
Federally Regulated:	Yes
Tank Number:	3
Tank Capacity:	4000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5023159
Federally Regulated:	Yes
Tank Number:	4
Tank Capacity:	4000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5023159
Federally Regulated:	Yes
Tank Number:	5
Tank Capacity:	6000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5023159
Federally Regulated:	Yes
Tank Number:	6
Tank Capacity:	550
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	NO VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5023159
Federally Regulated:	Yes
Tank Number:	7
Tank Capacity:	550
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRECISION TUNE (Continued)**

**U003692287**

Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

65  
ESE  
1/4-1/2  
0.339 mi.  
1790 ft.

FAIRBANKS MORSE ENGINE  
630 TIDEWATER DR  
NORFOLK, VA 23504

VA LUST S106444565  
VA LTANKS N/A

Relative:  
Lower  
Actual:  
5 ft.

LUST REG TD:

Region: TD  
Region Code: TRO  
Facility ID: 200000858334  
**Facility Status: Closed**  
Completed Date: 10/11/2012  
Pollution Complaint Num: 20135037  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported

Region: TD  
Region Code: TRO  
Facility ID: 200000858334  
**Facility Status: Closed**  
Completed Date: 10/22/2012  
Pollution Complaint Num: 20135037  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case Closed

Region: TD  
Region Code: TRO  
Facility ID: 200000215535  
**Facility Status: Closed**  
Completed Date: 05/20/2004  
Pollution Complaint Num: 20045179  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported

Region: TD  
Region Code: TRO  
Facility ID: 200000215535  
**Facility Status: Closed**  
Completed Date: 06/25/2004  
Pollution Complaint Num: 20045179  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO  
CEDS Facility Id: 200000858334  
**Case Status: Closed**  
Pollution Complaint #: 20135037  
Reported: 10/11/2012  
Case Closed Date: 10/22/2012  
Program: RP Lead

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FAIRBANKS MORSE ENGINE (Continued)**

**S106444565**

Federally Regulated UST (Y/N):	Y
Regulated Petroleum UST (1):	Y
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Not reported
Region:	TRO
CEDS Facility Id:	200000215535
<b>Case Status:</b>	<b>Closed</b>
Pollution Complaint #:	20045179
Reported:	05/20/2004
Case Closed Date:	06/25/2004
Program:	RP Lead
Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	Y
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Category 3

**66**  
**North**  
**1/4-1/2**  
**0.346 mi.**  
**1825 ft.**

**NRHA - YOUNG TERRACE VA6-10**  
**816 WHITAKER LANE**  
**NORFOLK, VA 23501**

**VA LUST** **U003692166**  
**VA LTANKS** **N/A**  
**VA UST**  
**VA AIRS**

**Relative:**  
**Higher**  
**Actual:**  
**10 ft.**

<b>LUST REG TD:</b>	
Region:	TD
Region Code:	TRO
Facility ID:	200000066380
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	12/20/1990
Pollution Complaint Num:	19920697
Fed Regulated Tank:	No
Phase Code:	RR
Event Description:	Release Reported
Comments:	GROUNDWATER IMPACTED
Region:	TD
Region Code:	TRO
Facility ID:	200000066380

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

**Facility Status:** Closed  
Completed Date: 08/17/1994  
Pollution Complaint Num: 19920697  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

LTANKS:

Region: TRO  
CEDS Facility Id: 200000066380  
**Case Status:** Closed  
Pollution Complaint #: 19920697  
Reported: 12/20/1990  
Case Closed Date: 08/17/1994  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5022289  
Facility Type: LOCAL  
CEDS Facility ID: 200000066380

Owner:

Owner Id: 31444  
Owner Name: NORFOLK REDEVELOPMENT HOUSING AUTHORITY  
Owner Address: 201 GRANBY MALL  
Owner Address2: Not reported  
Owner City, State, Zip: NORFOLK, VA 23501  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 4

UST:

Facility ID: 5022289  
Federally Regulated: No

Tank Number: 3  
Tank Capacity: 10000  
Tank Contents: HEATING OIL  
**Tank Status:** PERM OUT OF USE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Tank Type:	UST
Tank Material:	
Install Date:	12/1/1990
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	Yes
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NRHA - YOUNG TERRACE VA6-10 (Continued)**

**U003692166**

Facility ID:	5022289
Federally Regulated:	No
Tank Number:	4
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>PERM OUT OF USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	12/1/1990
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	Yes
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	Yes
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	Yes
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5022289
Federally Regulated:	No
Tank Number:	R1
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	11/16/1965
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NRHA - YOUNG TERRACE VA6-10 (Continued)**

**U003692166**

Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	Yes
Pipe Materials: Other Note	COPPER
Facility ID:	5022289
Federally Regulated:	No
Tank Number:	R2
Tank Capacity:	10000
Tank Contents:	HEATING OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	11/16/1965
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	Yes
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

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

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

AIRS:

Region:	TRO
Registration Number:	60844
Contact First Name:	PAUL
Contact Last Name:	CRAMER
Contact Title:	Not reported
Contact Phone:	7573142002
Latitude:	Not reported
Longitude:	Not reported
Lat Deg/Min/Sec Lon Deg/Min/Sec:	Not reported
Mailing Address:	910 Ballentine Blvd
Mailing City:	Norfolk
Mailing State:	VA
Mailing Zip Code:	23504
Program Type:	Article 5 - SOP
Permit Type:	SIGAMEN-FED
Issued Date:	06/02/2010
Operating Status:	Operating
Contact Email:	pcramer@nrha.us
Owner ID:	5063
Owner Name:	Norfolk Redevelopment and Housing Authority
Owner Tele:	Not reported
Facility Full Name:	NRHA-Young Park 610
ICIS Federal ID:	VA0000005171000127
Currently Active (y/n):	Y
Primary Permit Type Desc:	Significant Amendment to a federally enforceable term/condition of a State Operating Permit
Permit Status:	Issued

AIRS:

Emission Year:	2016
Latitude:	36.857064
Longitude:	-76.283751

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Nitrogen Oxide  
Pollutant Short Name: NOX  
Value (tons/year): 1.62

Emission Year: 2016  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Particulate Matter  
Pollutant Short Name: PM  
Value (tons/year): 0.12312

Emission Year: 2016  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Volatile Organic Compounds  
Pollutant Short Name: VOC  
Value (tons/year): 0.0891

Emission Year: 2016  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Sulfur Dioxide  
Pollutant Short Name: SO2  
Value (tons/year): 0.00972

Emission Year: 2016  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Carbon Monoxide  
Pollutant Short Name: CO  
Value (tons/year): 1.3608

Emission Year: 2016  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Lead
Pollutant Short Name:	PB
Value (tons/year):	0
Emission Year:	2016
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter 10
Pollutant Short Name:	PM 10
Value (tons/year):	0.12312
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Nitrogen Oxide
Pollutant Short Name:	NOX
Value (tons/year):	1.5600000000000001
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter
Pollutant Short Name:	PM
Value (tons/year):	0.11856
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Volatile Organic Compounds
Pollutant Short Name:	VOC
Value (tons/year):	8.5800000000000001E-2
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Pollutant Name:	Sulfur Dioxide
Pollutant Short Name:	SO2
Value (tons/year):	9.3600000000000003E-3
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Carbon Monoxide
Pollutant Short Name:	CO
Value (tons/year):	1.3104
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Lead
Pollutant Short Name:	PB
Value (tons/year):	0
Emission Year:	2017
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter 10
Pollutant Short Name:	PM 10
Value (tons/year):	0.11856
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Nitrogen Oxide
Pollutant Short Name:	NOX
Value (tons/year):	1.5604
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter
Pollutant Short Name:	PM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Value (tons/year):	0.122186
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Volatile Organic Compounds
Pollutant Short Name:	VOC
Value (tons/year):	0.0842868
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Sulfur Dioxide
Pollutant Short Name:	SO2
Value (tons/year):	0.023462
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Carbon Monoxide
Pollutant Short Name:	CO
Value (tons/year):	1.2869
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Lead
Pollutant Short Name:	PB
Value (tons/year):	0
Emission Year:	2015
Latitude:	36.857064
Longitude:	-76.283751
SIC Primary Code:	6513
SIC Primary Description:	OPERATORS OF APART BUILDINGS
FIPS Code:	710
City/County:	Norfolk City
Pollutant Name:	Particulate Matter 10
Pollutant Short Name:	PM 10
Value (tons/year):	0.11754



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Emission Year: 2014  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Nitrogen Oxide  
Pollutant Short Name: NOX  
Value (tons/year): 1.665

Emission Year: 2014  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Particulate Matter  
Pollutant Short Name: PM  
Value (tons/year): 0.12654

Emission Year: 2014  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Volatile Organic Compounds  
Pollutant Short Name: VOC  
Value (tons/year): 0.091575

Emission Year: 2014  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Sulfur Dioxide  
Pollutant Short Name: SO2  
Value (tons/year): 0.00999

Emission Year: 2014  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Carbon Monoxide  
Pollutant Short Name: CO  
Value (tons/year): 1.3986

Emission Year: 2014  
Latitude: 36.857064

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Lead  
Pollutant Short Name: PB  
Value (tons/year): 0

Emission Year: 2014  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Particulate Matter 10  
Pollutant Short Name: PM 10  
Value (tons/year): 0.12654

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Nitrogen Oxide  
Pollutant Short Name: NOX  
Value (tons/year): 1.465

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Particulate Matter  
Pollutant Short Name: PM  
Value (tons/year): 0.11134

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Volatile Organic Compounds  
Pollutant Short Name: VOC  
Value (tons/year): 0.080575

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NRHA - YOUNG TERRACE VA6-10 (Continued)

U003692166

SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Sulfur Dioxide  
Pollutant Short Name: SO2  
Value (tons/year): 0.00879

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Carbon Monoxide  
Pollutant Short Name: CO  
Value (tons/year): 1.2306

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Lead  
Pollutant Short Name: PB  
Value (tons/year): 0

Emission Year: 2013  
Latitude: 36.857064  
Longitude: -76.283751  
SIC Primary Code: 6513  
SIC Primary Description: OPERATORS OF APART BUILDINGS  
FIPS Code: 710  
City/County: Norfolk City  
Pollutant Name: Particulate Matter 10  
Pollutant Short Name: PM 10  
Value (tons/year): 0.11134

67  
NW  
1/4-1/2  
0.353 mi.  
1863 ft.

VIRGINIA PILOT AND THE LEDGER STAR OLNEY ROAD  
150 W BRAMBLETON AVE  
NORFOLK, VA 23501

VA LUST S112153919  
VA LTANKS N/A  
VA TIER 2

Relative:  
Lower  
Actual:  
6 ft.

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000067591  
Facility Status: Closed  
Completed Date: 08/11/1989  
Pollution Complaint Num: 19900518  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: HIGH SOIL TPH DURING UST CLOSURE.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIRGINIA PILOT AND THE LEDGER STAR OLNEY ROAD (Continued)**

**S112153919**

Region: TD  
Region Code: TRO  
Facility ID: 200000067591  
**Facility Status: Closed**  
Completed Date: 08/15/1991  
Pollution Complaint Num: 19900518  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000067591  
**Case Status: Closed**  
Pollution Complaint #: 19900518  
Reported: 08/11/1989  
Case Closed Date: 08/15/1991  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**TIER 2:**

Facility ID: 5421680  
CAS Number: Not reported  
SIC Code: Not reported  
NAICS: Not reported  
Entered Chemical Name: Diesel Fuel  
Average Amt Code: 29000  
Owner Name: Not reported  
Owner Phone: Not reported  
Contact Type: Not reported

**Q68**  
**SW**  
**1/4-1/2**  
**0.353 mi.**  
**1865 ft.**

**TWO COMMERCIAL PLACE**  
**ONE COMMERCIAL PL**  
**NORFOLK, VA 23510**  
**Site 1 of 2 in cluster Q**

**VA LUST** **1008167212**  
**US AIRS** **N/A**  
**FINDS**  
**ECHO**

**Relative:**  
**Lower**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000087521  
**Facility Status: Closed**  
Completed Date: 12/22/1993

**Actual:**  
**9 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Pollution Complaint Num: 19941127  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: 20-GALLON OVERFILL OF A UST/CLEANED UP IMMEDIATELY/REPORT TO COME.

Region: TD  
Region Code: TRO  
Facility ID: 200000087521  
**Facility Status: Closed**  
Completed Date: 01/31/1995  
Pollution Complaint Num: 19941127  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

US AIRS MINOR:

Envid: 1008167212  
Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
D and B Number: Not reported  
Primary SIC Code: Not reported  
NAICS Code: 522110  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: NON  
Air CMS Category Code: Not reported  
HPV Status: Not reported

US AIRS MINOR:

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2008-01-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2008-01-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2009-07-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2010-02-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2010-03-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2010-04-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2012-09-18 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2013-02-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2014-02-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1994-02-14 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1996-02-07 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1997-02-05 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-02-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1999-01-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2000-03-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-01-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Activity Date: 2002-03-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-01-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-03-03 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-03-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2004-05-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-03-04 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-01-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-01-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-02-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-04-18 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2009-07-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-02-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-03-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-04-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-05-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Activity Type: Inspection/Evaluation  
Activity Status: Not reported

US AIRS MINOR:

Envid: 1008167212  
Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
D and B Number: Not reported  
Primary SIC Code: Not reported  
NAICS Code: 522110  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: NON  
Air CMS Category Code: Not reported  
HPV Status: Not reported

US AIRS MINOR:

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2008-01-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2008-01-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2009-07-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2010-02-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2010-03-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2010-04-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2012-09-18 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2013-02-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Federally-Enforceable State Operating Permit - Non Title V  
Activity Date: 2014-02-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1994-02-14 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1996-02-07 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1997-02-05 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1998-02-03 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1999-01-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2000-03-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-01-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2002-03-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	03
Programmatic ID:	AIR VA0000005171000168
Facility Registry ID:	110020671539
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Activity Date: 2003-01-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-03-03 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-03-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2004-05-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-03-04 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-01-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-01-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-02-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-04-18 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2009-07-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-02-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-03-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-04-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 03  
Programmatic ID: AIR VA0000005171000168  
Facility Registry ID: 110020671539  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-05-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

**FINDS:**

Registry ID: 110020671539

**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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO COMMERCIAL PLACE (Continued)**

**1008167212**

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.

AIR MINOR

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

ECHO:

Envid: 1008167212  
Registry ID: 110020671539  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110020671539>

**Q69**  
**SW**  
**1/4-1/2**  
**0.353 mi.**  
**1865 ft.**

**LAMBERT'S POINT TERMINAL**  
**ONE COMMERCIAL PLACE**  
**NORFOLK, VA 23514**  
**Site 2 of 2 in cluster Q**

**SEMS-ARCHIVE 1003031298**  
**VAD049184690**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

SEMS Archive:  
Site ID: 0302577  
EPA ID: VAD049184690  
Cong District: 02  
FIPS Code: 51710  
FF: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information  
Latitude: +36.85  
Longitude: -076.283333

SEMS Archive Detail:

Region: 03  
Site ID: 0302577  
EPA ID: VAD049184690  
Site Name: LAMBERT'S POINT TERMINAL  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1989-10-05 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 03

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LAMBERT'S POINT TERMINAL (Continued)**

**1003031298**

Site ID: 0302577  
 EPA ID: VAD049184690  
 Site Name: LAMBERT'S POINT TERMINAL  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: DS  
 Action Name: DISCVRY  
 SEQ: 1  
 Start Date: 1987-05-04 04:00:00  
 Finish Date: 1987-05-04 04:00:00  
 Qual: Not reported  
 Current Action Lead: EPA Perf

Region: 03  
 Site ID: 0302577  
 EPA ID: VAD049184690  
 Site Name: LAMBERT'S POINT TERMINAL  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: PA  
 Action Name: PA  
 SEQ: 1  
 Start Date: 1987-05-13 04:00:00  
 Finish Date: 1987-05-13 04:00:00  
 Qual: N  
 Current Action Lead: St Perf

Region: 03  
 Site ID: 0302577  
 EPA ID: VAD049184690  
 Site Name: LAMBERT'S POINT TERMINAL  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: SI  
 Action Name: SI  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1989-10-05 04:00:00  
 Qual: N  
 Current Action Lead: St Perf

**70**  
**South**  
**1/4-1/2**  
**0.365 mi.**  
**1929 ft.**

**UPTON STORAGE COMPANY**  
**1125 EAST WATER STREET**  
**NORFOLK, VA 23510**

**VA LUST** **U003692728**  
**VA LTANKS** **N/A**  
**VA UST**  
**VA SPILLS**

**Relative:**  
**Lower**  
**Actual:**  
**5 ft.**

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000067463  
**Facility Status: Closed**  
 Completed Date: 11/13/1992  
 Pollution Complaint Num: 19930993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UPTON STORAGE COMPANY (Continued)**

**U003692728**

Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: HEAVILY CONTAMINATED SOILS ACSSOCIATED WITH 2 USTS.

Region: TD  
Region Code: TRO  
Facility ID: 200000067463  
**Facility Status: Closed**  
Completed Date: 02/26/1993  
Pollution Complaint Num: 19930993  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-NO FURTHER ACTION REQUIRED.

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000067463  
**Case Status: Closed**  
Pollution Complaint #: 19930993  
Reported: 11/13/1992  
Case Closed Date: 02/26/1993  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

**Facility:**

Facility Id: 5026604  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000067463

**Owner:**

Owner Id: 32081  
Owner Name: UPTON STORAGE ASSOCIATES  
Owner Address: 5102 NANSEMOND PARKWAY  
Owner Address2: Not reported  
Owner City, State, Zip: SUFFOLK, VA 23435  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UPTON STORAGE COMPANY (Continued)**

**U003692728**

UST:

Facility ID: 5026604  
Federally Regulated: Yes

Tank Number: R1  
Tank Capacity: 500  
Tank Contents: DIESEL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Material:

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

Release Detection:

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

Pipe Type: VALVE: SUCTION  
Pipe Materials: Bare Steel Yes  
Pipe Materials: Galvanized Steel No  
Pipe Materials: Copper No  
Pipe Materials: Fiberglass No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UPTON STORAGE COMPANY (Continued)**

**U003692728**

Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5026604
Federally Regulated:	Yes
Tank Number:	R2
Tank Capacity:	500
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	Not reported
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UPTON STORAGE COMPANY (Continued)**

**U003692728**

Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	VALVE: SUCTION
Pipe Materials: Bare Steel	Yes
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

**SPILLS TD:**

Region:	TD
PC Number:	93-993
Incident Response:	Not reported
Incident Date:	Not reported
Time In:	Not reported
Facility Permitted:	Not reported
Facility Contact:	Not reported
Facility Phone:	Not reported
Resp Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Resp Party Phone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Incident Date:	Not reported
Incident Time:	Not reported
Petroleum:	Not reported
Solid Waste:	Not reported
Haz Waste:	Not reported
Water:	Not reported
Air:	Not reported
Sewage:	Not reported
Fish Killed:	Not reported
Medical Waste:	Not reported
Wetland:	Not reported
Terrorism:	Not reported
Material Released:	Not reported
Possible Receptors:	Not reported
Qty Released:	Not reported
Unit:	Not reported
Qty In Water:	Not reported
Receiving Waters:	Not reported
River Basin:	Not reported
Topo Map Id:	Not reported
Inspection Dt:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UPTON STORAGE COMPANY (Continued)**

**U003692728**

Call Date:	Not reported
Inspector:	Not reported
Response Due:	Not reported
Response Receive:	Not reported
<b>Date Closed:</b>	<b>Not reported</b>
Dt Ref Air C/m:	Not reported
Air Reg Permit #:	Not reported
Date Ref Waste C/M:	Not reported
Epa Ir/permit #:	Not reported
Date Ref Water C/m:	Not reported
Water Permit #:	Not reported
Date Ref Remediation:	Not reported
Remediation PC #:	Not reported
Date Ref Enforcement:	Not reported
NOV Number:	Not reported
Date Received:	11/13/1992
Source:	REMOVAL OF USTS
Summary:	Not reported
Comments:	Not reported
Report Notes:	SOIL CONTAMINATION ASSOCIATED WITH RMOVAL OF TWO 4000 GAL USTS (GASOLINE AND KEROSENE).
Reported By Company:	Not reported
Reported By Address:	Not reported
Reported By Street:	Not reported
Reported By City,St,Zip:	Not reported
Reported By Phone:	Not reported
Report By Name:	Not reported
PI Date:	11/13/1992
Incident Time:	9:00
Incident Type:	PETROLEUM
Stream:	Not reported
Spill Volume:	Not reported
Spill Unit:	Not reported
Volume To State Water:	Not reported

71  
 WSW  
 1/4-1/2  
 0.368 mi.  
 1942 ft.

**US FEDERAL BUILDING - NORFOLK**  
**200 GRANBY ST**  
**NORFOLK, VA 23510**

**VA LUST S108425659**  
**VA LTANKS N/A**  
**VA TIER 2**

**Relative:**  
**Lower**  
**Actual:**  
**2 ft.**

<b>LUST REG TD:</b>	
Region:	TD
Region Code:	TRO
Facility ID:	200000065113
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	03/26/2007
Pollution Complaint Num:	20075096
Fed Regulated Tank:	Yes
Phase Code:	RR
Event Description:	Release Reported
Comments:	Release reported
Region:	TD
Region Code:	TRO
Facility ID:	200000065113
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	08/04/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

US FEDERAL BUILDING - NORFOLK (Continued)

S108425659

Pollution Complaint Num: 20075096  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO  
CEDS Facility Id: 200000065113  
**Case Status: Closed**  
Pollution Complaint #: 20075096  
Reported: 03/26/2007  
Case Closed Date: 08/04/2008  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): Y  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

TIER 2:

Facility ID: Not reported  
CAS Number: 68476302  
SIC Code: Not reported  
NAICS: Not reported  
Entered Chemical Name: FUEL OIL, [NO. 2]  
Average Amt Code: 12969.0  
Owner Name: Not reported  
Owner Phone: Not reported  
Contact Type: Not reported

Facility ID: Not reported  
CAS Number: 68476-30-2  
SIC Code: Not reported  
NAICS: Not reported  
Entered Chemical Name: #2 FUEL OIL  
Average Amt Code: Not reported  
Owner Name: GENERAL SERVICES ADMIN  
Owner Phone: 757-441-3330  
Contact Type: Not reported

Facility ID: 5423903  
CAS Number: 68476302  
SIC Code: Not reported  
NAICS: Not reported  
Entered Chemical Name: FUEL OIL, [NO. 2]  
Average Amt Code: 12969

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

US FEDERAL BUILDING - NORFOLK (Continued)

S108425659

Owner Name: Not reported  
Owner Phone: Not reported  
Contact Type: Not reported

72  
NW  
1/4-1/2  
0.392 mi.  
2072 ft.

HOME FEDERAL SAVINGS BANK NORFOLK  
701 BOUSH STREET  
NORFOLK, VA 23510

VA LUST S105985590  
VA LTANKS N/A

Relative:  
Lower

LUST REG TD:

Actual:  
7 ft.

Region: TD  
Region Code: TRO  
Facility ID: 200000089877  
**Facility Status: Closed**  
Completed Date: 05/06/1994  
Pollution Complaint Num: 19943782  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: SUSPECT LINE LEAK FROM H.O. UST, SOIL & GW SAMPLES TAKEN.

Region: TD  
Region Code: TRO  
Facility ID: 200000089877  
**Facility Status: Closed**  
Completed Date: 08/07/1996  
Pollution Complaint Num: 19943782  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

LTANKS:

Region: TRO  
CEDS Facility Id: 200000089877  
**Case Status: Closed**  
Pollution Complaint #: 19943782  
Reported: 05/06/1994  
Case Closed Date: 08/07/1996  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

73  
ENE  
1/4-1/2  
0.397 mi.  
2097 ft.

**TIDEWATER DRIVE BUSINESS CENTER**  
850 TIDEWATER DR  
NORFOLK, VA 23504

VA LTANKS S122310835  
N/A

**Relative:**  
**Lower**  
**Actual:**  
**7 ft.**

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000886391  
**Case Status: Closed**  
Pollution Complaint #: 20185175  
Reported: 02/06/2018  
Case Closed Date: 02/08/2018  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

74  
ESE  
1/4-1/2  
0.406 mi.  
2145 ft.

**ALLSAFE SELF STORAGE**  
1213 EAST BRAMBLETON AVENUE  
NORFOLK, VA 23510

VA LUST S105118282  
VA LTANKS N/A

**Relative:**  
**Lower**  
**Actual:**  
**5 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000063887  
**Facility Status: Closed**  
Completed Date: 06/15/1995  
Pollution Complaint Num: 19952409  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: PETROLEUM & METALS FOUND IN SOIL & GW DURING ASSESSMENT.

Region: TD  
Region Code: TRO  
Facility ID: 200000063887  
**Facility Status: Closed**  
Completed Date: 06/19/2002  
Pollution Complaint Num: 19952409  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - No Letter Sent  
Comments: Not reported

LTANKS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLSAFE SELF STORAGE (Continued)**

**S105118282**

Region: TRO  
CEDS Facility Id: 200000063887  
**Case Status: Closed**  
Pollution Complaint #: 19952409  
Reported: 06/15/1995  
Case Closed Date: 06/19/2002  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: Y  
Other Description: Not reported  
Heating Oil Category: Not reported

**R75 HASLER GROUP**  
**West 121 WEST TAZEWELL STREET**  
**1/4-1/2 NORFOLK, VA 23510**  
**0.409 mi.**  
**2158 ft. Site 1 of 2 in cluster R**

**VA LUST S104742290**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**5 ft.**

**LUST REG TD:**  
Region: TD  
Region Code: TRO  
Facility ID: 200000191338  
**Facility Status: Closed**  
Completed Date: 11/29/1999  
Pollution Complaint Num: 20005127  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: VAPORS IN OFFICE. RELEASE IS PROBABLY RELATED TO H.O. AST.

Region: TD  
Region Code: TRO  
Facility ID: 200000191338  
**Facility Status: Closed**  
Completed Date: 03/15/2000  
Pollution Complaint Num: 20005127  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED

**LTANKS:**  
Region: TRO  
CEDS Facility Id: 200000191338  
**Case Status: Closed**  
Pollution Complaint #: 20005127  
Reported: 11/29/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HASLER GROUP (Continued)**

**S104742290**

Case Closed Date: 03/15/2000  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): Y  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 2

76  
WNW  
1/4-1/2  
0.424 mi.  
2240 ft.

**HAMPTON ROADS TRANSIT AUTHORITY - NLR BAYLOR BLDG**  
**248 W BUTE ST**  
**NORFOLK, VA 23510**

**VA LUST S109599436**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000851295  
**Facility Status: Closed**  
Completed Date: 05/05/2009  
Pollution Complaint Num: 20095108  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported  
  
Region: TD  
Region Code: TRO  
Facility ID: 200000851295  
**Facility Status: Closed**  
Completed Date: 01/25/2010  
Pollution Complaint Num: 20095108  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case Closed

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000851295  
**Case Status: Closed**  
Pollution Complaint #: 20095108  
Reported: 05/05/2009  
Case Closed Date: 01/25/2010  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HAMPTON ROADS TRANSIT AUTHORITY - NLR BAYLOR BLDG (Continued)**

**S109599436**

Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	Y
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Category 1

**S77  
 NW  
 1/4-1/2  
 0.431 mi.  
 2274 ft.**

**FORMER ATLANTIC PERMANENT BANK  
 740 BOUSH ST  
 NORFOLK, VA 23510**

**VA LUST  
 VA LTANKS  
 VA UST**

**U003698978  
 N/A**

**Site 1 of 2 in cluster S**

**Relative:  
 Lower  
 Actual:  
 6 ft.**

**LUST REG TD:**  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000065189  
**Facility Status: Closed**  
 Completed Date: 06/06/1994  
 Pollution Complaint Num: 19944205  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: SOIL & GW CONTAMINATION FOUND DURING PHASE I STUDY.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000065189  
**Facility Status: Closed**  
 Completed Date: 09/30/1994  
 Pollution Complaint Num: 19944205  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: CASE CLOSED.

**LTANKS:**

Region:	TRO
CEDS Facility Id:	200000065189
<b>Case Status:</b>	<b>Closed</b>
Pollution Complaint #:	19944205
Reported:	06/06/1994
Case Closed Date:	09/30/1994
Program:	RP Lead
Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER ATLANTIC PERMANENT BANK (Continued)**

**U003698978**

Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5027125  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000065189

Owner:

Owner Id: 27871  
Owner Name: RESOLUTION TRUST CORPORATION  
Owner Address: 245 PEACHTREE AVENUE yMARQUIS  
Owner Address2: Not reported  
Owner City, State, Zip: ATLANTA, GA 30303  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

UST:

Facility ID: 5027125  
Federally Regulated: No

Tank Number: 1  
Tank Capacity: Not reported  
Tank Contents: HEATING OIL  
**Tank Status: PERM OUT OF USE**  
Tank Type: UST

Tank Material:

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

Release Detection:

Tank Release Detection: Leak Deferred No  
Tank Release Detection: Manual Gauge No  
Tank Release Detection: Auto Gauge No  
Tank Release Detection: Tank Tightness No  
Tank Release Detection: Vapor Monitor No



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMER ATLANTIC PERMANENT BANK (Continued)**

**U003698978**

Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported

**T78**  
**NW**  
 1/4-1/2  
 0.435 mi.  
 2296 ft.

**COFERS BUILDING**  
**142 W OLNEY RD**  
**NORFOLK, VA 23510**  
**Site 1 of 2 in cluster T**

**VA LUST S106544783**  
**VA LTANKS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**5 ft.**

<b>LUST REG TD:</b>	
Region:	TD
Region Code:	TRO
Facility ID:	200000216064
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	07/12/2004
Pollution Complaint Num:	20055010
Fed Regulated Tank:	No
Phase Code:	RR
Event Description:	Release Reported
Comments:	Release reported
Region:	TD
Region Code:	TRO
Facility ID:	200000216064
<b>Facility Status:</b>	<b>Closed</b>
Completed Date:	02/23/2005
Pollution Complaint Num:	20055010
Fed Regulated Tank:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COFERS BUILDING (Continued)**

**S106544783**

Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

**LTANKS:**

Region: TRO  
CEDS Facility Id: 200000216064  
**Case Status: Closed**  
Pollution Complaint #: 20055010  
Reported: 07/12/2004  
Case Closed Date: 02/23/2005  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 2

**R79**  
**West**  
**1/4-1/2**  
**0.437 mi.**  
**2307 ft.**

**UNION MISSION**  
**130 BROOKE AVE**  
**NORFOLK, VA 23518**  
**Site 2 of 2 in cluster R**

**VA LUST** **S110323053**  
**VA LTANKS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**2 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000853464  
**Facility Status: Closed**  
Completed Date: 05/06/2010  
Pollution Complaint Num: 20105150  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release Reported

Region: TD  
Region Code: TRO  
Facility ID: 200000853464  
**Facility Status: Closed**  
Completed Date: 06/23/2010  
Pollution Complaint Num: 20105150  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

UNION MISSION (Continued)

S110323053

LTANKS:

Region: TRO  
CEDS Facility Id: 200000853464  
**Case Status:** Closed  
Pollution Complaint #: 20105150  
Reported: 05/06/2010  
Case Closed Date: 06/23/2010  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

U80  
WSW  
1/4-1/2  
0.441 mi.  
2326 ft.

CAROLINA TRAILWAYS  
120 E. MAIN ST.  
NORFOLK, VA 23510  
Site 1 of 2 in cluster U

VA LUST U003691898  
VA LTANKS N/A  
VA UST

Relative:  
Higher  
Actual:  
10 ft.

LUSTR REG TD:

Region: TD  
Region Code: TRO  
Facility ID: 200000064417  
**Facility Status:** Closed  
Completed Date: 11/04/1996  
Pollution Complaint Num: 19972287  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: PETROL CONTAM SOILS NOTED DURING PHASE II EA

Region: TD  
Region Code: TRO  
Facility ID: 200000064417  
**Facility Status:** Closed  
Completed Date: 11/18/1996  
Pollution Complaint Num: 19972287  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

LTANKS:

Region: TRO  
CEDS Facility Id: 200000064417  
**Case Status:** Closed  
Pollution Complaint #: 19972287

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA TRAILWAYS (Continued)**

**U003691898**

Reported: 11/04/1996  
Case Closed Date: 11/18/1996  
Program: RP Lead  
Federally Regulated UST (Y/N): Y  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Facility:

Facility Id: 5020465  
Facility Type: TRUCKING/TRANSPORT  
CEDS Facility ID: 200000064417

Owner:

Owner Id: 33386  
Owner Name: CAROLINA COACH CO  
Owner Address: 1201 S. BLOUNT ST.  
Owner Address2: WAKE  
Owner City, State, Zip: RALEIGH, NC 27611  
Owner Type: COMMERCIAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 2

UST:

Facility ID: 5020465  
Federally Regulated: Yes

Tank Number: 1  
Tank Capacity: 5000  
Tank Contents: DIESEL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Material:

Install Date: 5/9/1961  
Tank Materials: Bare Steel Yes  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass No  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CAROLINA TRAILWAYS (Continued)

U003691898

Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type: UNKNOWN	
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID: 5020465	
Federally Regulated:	Yes
Tank Number: 2	
Tank Capacity:	5000
Tank Contents:	DIESEL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	5/9/1961
Tank Materials: Bare Steel	Yes
Tank Materials: Cath Protect Steel	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CAROLINA TRAILWAYS (Continued)**

**U003691898**

Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

81  
WSW  
1/4-1/2  
0.443 mi.  
2338 ft.

SEABOARD BUILDING  
100 W PLUME ST  
NORFOLK, VA 23510

VA LTANKS S117622884  
N/A

Relative:  
Lower  
Actual:  
4 ft.

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000879572  
**Case Status:** Closed  
Pollution Complaint #: 20155129  
Reported: 12/24/2014  
Case Closed Date: 12/29/2014  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): Y  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: NFA

82  
WSW  
1/4-1/2  
0.443 mi.  
2339 ft.

NORFOLK CITY OF - CITY HALL PARKING GARAGE  
112 W. CITY HALL AVENUE  
NORFOLK, VA 23501

VA LUST S105462039  
VA LTANKS N/A

Relative:  
Lower  
Actual:  
5 ft.

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000064563  
**Facility Status:** Closed  
Completed Date: 10/14/1992  
Pollution Complaint Num: 19930776  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: UST RUPTURED DURING REMOVAL ON 10-09-92. FREE PRODUCT WAS SPILLED.  
  
Region: TD  
Region Code: TRO  
Facility ID: 200000064563  
**Facility Status:** Closed  
Completed Date: 12/15/1992  
Pollution Complaint Num: 19930776  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: NO FURTHER ACTION REQUIRED.

LTANKS:

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORFOLK CITY OF - CITY HALL PARKING GARAGE (Continued)**

**S105462039**

Region:	TRO
CEDS Facility Id:	200000064563
<b>Case Status:</b>	<b>Closed</b>
Pollution Complaint #:	19930776
Reported:	10/14/1992
Case Closed Date:	12/15/1992
Program:	RP Lead
Federally Regulated UST (Y/N):	Y
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Not reported

**83**  
**SSE**  
**1/4-1/2**  
**0.468 mi.**  
**2470 ft.**

**HARBOR PARK SITE**  
**150 PARK AVENUE**  
**NORFLOK, VA 23522**

**US BROWNFIELDS** **1023667287**  
**FINDS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**5 ft.**

<b>US BROWNFIELDS:</b>	
Property Name:	HARBOR PARK SITE
Recipient Name:	R3 TBA (STAG Funded)
Grant Type:	TBA
Property Number:	Not reported
Parcel size:	44.15
Latitude:	36.842657
Longitude:	-76.27803799999998
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	233681
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	97309
Assessment Funding Source:	US EPA - TBA Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR PARK SITE (Continued)**

**1023667287**

Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	n/a
Start Date:	10/31/2016 00:00:00
Ownership Entity:	Government
Completion Date:	11/03/2016 00:00:00
Current Owner:	City of Norfolk, VA
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Y
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HARBOR PARK SITE (Continued)**

**1023667287**

Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	40.5
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	40.5
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Y
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Y
Copper contaminant found:	Not reported
Iron contaminant found:	Y
Mercury contaminant found:	Y
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Y
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The consist of parcels 1-21; parcels 14, 17, & 21 are not owned by the City of Norfolk. Parcels 2-13, 15, 19 and 20 were subjects of previous Phase I & II ESAs. Located at 150 Park Ave., Norfolk, VA, the site consist of numerous parcels impacted by past industrial activities. According to the City's zoning department, the site is currently designated as Zone D-1 (Downtown District). The purpose of this zoning is to geographically concentrate establishments of this nature, such as a shopping center & restaurants, in a localized area. The Site was formerly designated as Zone M-2 (Light Manufacturing). The M-2 classification permits a variety of general commercial and industrial uses, including veterinary hospitals, service stations, machine shops, commercial garages, wholesale storage & warehouse building, facilities for the manufacture & assembly of mechanical & electrical devices, maritime uses, & other uses of the same general character.
Below Poverty Number:	982
Below Poverty Percent:	37.1%
Meidan Income:	3697

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR PARK SITE (Continued)**

**1023667287**

Meidan Income Number:	1302
Meidan Income Percent:	49.2%
Vacant Housing Number:	6
Vacant Housing Percent:	1.3%
Unemployed Number:	181
Unemployed Percent:	6.8%
Property Name:	HARBOR PARK SITE
Recipient Name:	City of Norfolk
Grant Type:	Area-Wide Planning
Property Number:	Not reported
Parcel size:	44.15
Latitude:	36.842657
Longitude:	-76.27803799999998
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	233681
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	96351001
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Norfolk, VA
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR PARK SITE (Continued)**

**1023667287**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Y
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	40.5
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	40.5
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR PARK SITE (Continued)**

**1023667287**

Arsenic contaminant found: Y  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Y  
Copper contaminant found: Not reported  
Iron contaminant found: Y  
Mercury contaminant found: Y  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Y  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported  
Property Description:

The consist of parcels 1-21; parcels 14, 17, & 21 are not owned by the City of Norfolk. Parcels 2-13, 15, 19 and 20 were subjects of previous Phase I & II ESAs. Located at 150 Park Ave., Norfolk, VA, the site consist of numerous parcels impacted by past industrial activities. According to the City's zoning department, the site is currently designated as Zone D-1 (Downtown District). The purpose of this zoning is to geographically concentrate establishments of this nature, such as a shopping center & restaurants, in a localized area. The Site was formerly designated as Zone M-2 (Light Manufacturing). The M-2 classification permits a variety of general commercial and industrial uses, including veterinary hospitals, service stations, machine shops, commercial garages, wholesale storage & warehouse building, facilities for the manufacture & assembly of mechanical & electrical devices, maritime uses, & other uses of the same general character.

Below Poverty Number: 982  
Below Poverty Percent: 37.1%  
Meidan Income: 3697  
Meidan Income Number: 1302  
Meidan Income Percent: 49.2%  
Vacant Housing Number: 6  
Vacant Housing Percent: 1.3%  
Unemployed Number: 181  
Unemployed Percent: 6.8%

**FINDS:**

Registry ID: 110070081547

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**S84**      **DAVENPORT'S TEXACO STATION**  
**NW**      **759 BOUSH STREET**  
**1/4-1/2**   **NORFOLK, VA 23510**  
**0.469 mi.**  
**2477 ft.**   **Site 2 of 2 in cluster S**

**VA LUST**   **S104742129**  
**VA LTANKS**   **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**7 ft.**

**LUST REG TD:**  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000064938  
**Facility Status: Closed**  
 Completed Date: 11/02/1998  
 Pollution Complaint Num: 19992284  
 Fed Regulated Tank: Yes  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: DURING PROPERTY TRANSFER ASSESSMENT, FP CONTAM NOTED.

Region: TD  
 Region Code: TRO  
 Facility ID: 200000064938  
**Facility Status: Closed**  
 Completed Date: 04/10/2001  
 Pollution Complaint Num: 19992284  
 Fed Regulated Tank: Yes  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: Case closed/letter sent

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000064938  
**Case Status: Closed**  
 Pollution Complaint #: 19992284  
 Reported: 11/02/1998  
 Case Closed Date: 04/10/2001  
 Program: RP Lead  
 Federally Regulated UST (Y/N): Y  
 Regulated Petroleum UST (1): Y  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): N  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

T85  
NW  
1/4-1/2  
0.472 mi.  
2493 ft.

7-ELEVEN #38164  
770 BOUSH ST  
NORFOLK, VA 23510

Site 2 of 2 in cluster T

VA LUST  
VA LTANKS  
VA UST  
VA Financial Assurance

U003690432  
N/A

Relative:  
Lower  
Actual:  
7 ft.

LUSTR REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000091026  
**Facility Status:** Closed  
Completed Date: 08/20/1991  
Pollution Complaint Num: 19920379  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: SHEENS ON GROUNDWATER

Region: TD  
Region Code: TRO  
Facility ID: 200000091026  
**Facility Status:** Closed  
Completed Date: 08/17/1994  
Pollution Complaint Num: 19920379  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

Region: TD  
Region Code: TRO  
Facility ID: 200000091026  
**Facility Status:** Closed  
Completed Date: 08/16/2005  
Pollution Complaint Num: 20065021  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported

Region: TD  
Region Code: TRO  
Facility ID: 200000091026  
**Facility Status:** Closed  
Completed Date: 04/02/2007  
Pollution Complaint Num: 20065021  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000091026  
**Case Status:** Closed  
Pollution Complaint #: 19920379  
Reported: 08/20/1991  
Case Closed Date: 08/17/1994  
Program: RP Lead

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

Federally Regulated UST (Y/N):	Y
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	N
Other Description:	Not reported
Heating Oil Category:	Not reported

Facility:

Facility Id:	5009803
Facility Type:	GAS STATION
CEDS Facility ID:	200000091026

Owner:

Owner Id:	36351
Owner Name:	Woodfin Heating Incorporated
Owner Address:	1825 N.Hamilton Street
Owner Address2:	PO Box 90308
Owner City, State, Zip:	Richmond, VA 23230
Owner Type:	COMMERCIAL
Number of Active AST:	0
Number of Active UST:	3
Number of Inactive AST:	0
Number of Inactive UST:	5

Owner Id:	40064
Owner Name:	ExxonMobil Corporation c/o Gilbarco Veeder Root
Owner Address:	7300 W Friendly Ave MS F76
Owner Address2:	PO Box 22087
Owner City, State, Zip:	Greensboro, NC 27420
Owner Type:	PRIVATE
Number of Active AST:	0
Number of Active UST:	3
Number of Inactive AST:	0
Number of Inactive UST:	5

Owner Id:	38838
Owner Name:	7 Eleven Incorporated
Owner Address:	PO Box 711 (Attn: Gasoline Compliance)
Owner Address2:	Not reported
Owner City, State, Zip:	Dallas, TX 75221
Owner Type:	COMMERCIAL
Number of Active AST:	0
Number of Active UST:	3
Number of Inactive AST:	0
Number of Inactive UST:	5

Owner Id:	46166
Owner Name:	Doswell Ventures LLC
Owner Address:	8180 Mechanicsville Tpke



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

Owner Address2:	Not reported
Owner City, State, Zip:	Mechanicsville, VA 23111
Owner Type:	PRIVATE
Number of Active AST:	0
Number of Active UST:	3
Number of Inactive AST:	0
Number of Inactive UST:	5
UST:	
Facility ID:	5009803
Federally Regulated:	Yes
Tank Number:	1
Tank Capacity:	12000
Tank Contents:	GASOLINE: REGULAR
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	8/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	CSLD
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	Yes
Pipe Release Det: Interior Double Walled	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #38164 (Continued)

U003690432

Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	Yes
Pipe Materials: Sec Containment	Yes
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5009803
Federally Regulated:	Yes
Tank Number:	2
Tank Capacity:	12000
Tank Contents:	GASOLINE: MID
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	8/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	Yes
Tank Release Detection: Overfill Install	Yes
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	Yes
Tank Release Detection: Other Method	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #38164 (Continued)

U003690432

Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	Yes
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	Yes
Pipe Materials: Sec Containment	Yes
Pipe Materials: Repaired	No
Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5009803
Federally Regulated:	Yes
Tank Number:	3
Tank Capacity:	12000
Tank Contents:	GASOLINE: PREMIUM
<b>Tank Status:</b>	<b>CURR IN USE</b>
Tank Type:	UST
Tank Material:	
Install Date:	8/1/1991
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	Yes
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #38164 (Continued)

U003690432

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

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

Facility ID:	5009803
Federally Regulated:	Yes

Tank Number:	R1
Tank Capacity:	8000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST

Tank Material:	
Install Date:	12/31/1970
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #38164 (Continued)

U003690432

Release Detection:

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

Pipe Type: PRESSURE

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

Facility ID: 5009803

Federally Regulated: Yes

Tank Number: R2

Tank Capacity: 8000

Tank Contents: GASOLINE

**Tank Status: REM FROM GRD**

Tank Type: UST

Tank Material:

Install Date:	12/31/1970
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

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

Facility ID:	5009803
Federally Regulated:	Yes

Tank Number:	R3
Tank Capacity:	6000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST

Tank Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

Install Date:	12/31/1951
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

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

Facility ID:	5009803
Federally Regulated:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #38164 (Continued)

U003690432

Tank Number:	R4
Tank Capacity:	4000
Tank Contents:	GASOLINE
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	12/31/1970
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	Yes
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	Yes
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

Pipe Materials: Unknown	No
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID:	5009803
Federally Regulated:	Yes
Tank Number:	R5
Tank Capacity:	1000
Tank Contents:	USED OIL
<b>Tank Status:</b>	<b>REM FROM GRD</b>
Tank Type:	UST
Tank Material:	
Install Date:	12/31/1970
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	Yes
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type:	PRESSURE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

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

VA Financial Assurance 1:

Facility ID:	5009803
Owner Name:	7 Eleven Incorporated
ROF Own Id:	38838
Tank Type:	UST
Mechanism:	Insurance
Gallonage:	Not reported
Per Occurrence:	1000000
Third Party:	1000000
Annual Aggregate:	2000000
In Compliance:	Not reported
Total Capacity:	12000
CEDS Facility Name:	7-Eleven #38164
Tank Status:	CURR IN USE
Active Federally Regualted UST:	Y

Facility ID:	5009803
Owner Name:	7 Eleven Incorporated
ROF Own Id:	38838
Tank Type:	UST
Mechanism:	Insurance
Gallonage:	Not reported
Per Occurrence:	1000000
Third Party:	1000000
Annual Aggregate:	2000000
In Compliance:	Not reported
Total Capacity:	12000
CEDS Facility Name:	7-Eleven #38164
Tank Status:	CURR IN USE
Active Federally Regualted UST:	Y

Facility ID:	5009803
Owner Name:	7 Eleven Incorporated
ROF Own Id:	38838
Tank Type:	UST
Mechanism:	Insurance
Gallonage:	Not reported
Per Occurrence:	1000000
Third Party:	1000000
Annual Aggregate:	2000000
In Compliance:	Not reported
Total Capacity:	12000
CEDS Facility Name:	7-Eleven #38164
Tank Status:	CURR IN USE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**7-ELEVEN #38164 (Continued)**

**U003690432**

Active Federally Regualted UST: Y

**86**  
**ESE**  
**1/4-1/2**  
**0.475 mi.**  
**2506 ft.**

**FENSKA PROPERTY - PETROCHEM**  
**635 MALTBY AVENUE**  
**NORFOLK, VA 23504**

**VA LTANKS**    **S105944913**  
**VA SPILLS**    **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

**LTANKS:**

Region:	TRO
CEDS Facility Id:	200000066545
<b>Case Status:</b>	<b>Closed</b>
Pollution Complaint #:	20145079
Reported:	11/18/2013
Case Closed Date:	11/25/2013
Program:	RP Lead
Federally Regulated UST (Y/N):	N
Regulated Petroleum UST (1):	N
Excluded UST (1):	N
Deferred UST (1):	N
Partially Deferred UST (1):	N
Exempt 1 UST (2):	N
Exempt 2 Heating Oil UST (2):	N
Small Heating Oil AST (2):	N
Regulated AST (3):	N
Unregulated AST (3):	N
Other Y/N:	N
Unknown Y/N:	Y
Other Description:	petroleum
Heating Oil Category:	Not reported

**SPILLS TD:**

Region:	TD
PC Number:	96-1816
Incident Response:	Not reported
Incident Date:	Not reported
Time In:	Not reported
Facility Permitted:	Not reported
Facility Contact:	Not reported
Facility Phone:	Not reported
Resp Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Resp Party Phone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Incident Date:	Not reported
Incident Time:	Not reported
Petroleum:	Not reported
Solid Waste:	Not reported
Haz Waste:	Not reported
Water:	Not reported
Air:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FENSKA PROPERTY - PETROCHEM (Continued)**

**S105944913**

Sewage:	Not reported
Fish Killed:	Not reported
Medical Waste:	Not reported
Wetland:	Not reported
Terrorism:	Not reported
Material Released:	Not reported
Possible Receptors:	Not reported
Qty Released:	Not reported
Unit:	Not reported
Qty In Water:	Not reported
Receiving Waters:	Not reported
River Basin:	Not reported
Topo Map Id:	Not reported
Inspection Dt:	Not reported
Call Date:	Not reported
Inspector:	Not reported
Response Due:	Not reported
Response Receive:	Not reported
<b>Date Closed:</b>	<b>Not reported</b>
Dt Ref Air C/m:	Not reported
Air Reg Permit #:	Not reported
Date Ref Waste C/M:	Not reported
Epa Ir/permit #:	Not reported
Date Ref Water C/m:	Not reported
Water Permit #:	Not reported
Date Ref Remediation:	Not reported
Remediation PC #:	Not reported
Date Ref Enforcement:	Not reported
NOV Number:	Not reported
Date Received:	8/30/1995
Source:	Not reported
Summary:	Not reported
Comments:	Not reported
Report Notes:	VALVE FAILURE.
Reported By Company:	Not reported
Reported By Address:	Not reported
Reported By Street:	Not reported
Reported By City,St,Zip:	Not reported
Reported By Phone:	Not reported
Report By Name:	Not reported
PI Date:	8/30/1995
Incident Time:	12:30
Incident Type:	PETROLEUM
Stream:	Not reported
Spill Volume:	25
Spill Unit:	Not reported
Volume To State Water:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)  
EDR ID Number  
EPA ID Number

87  
NW  
1/4-1/2  
0.476 mi.  
2515 ft.

**GHENT OFFICE - CENIT BANK**  
**745 DUKE ST**  
**NORFOLK, VA 23510**

**VA LUST** **S105985905**  
**VA LTANKS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**7 ft.**

LUST REG TD:  
Region: TD  
Region Code: TRO  
Facility ID: 200000065295  
**Facility Status: Closed**  
Completed Date: 02/12/1997  
Pollution Complaint Num: 19972354  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: H2O IN 2K GAL H.O. UST

Region: TD  
Region Code: TRO  
Facility ID: 200000065295  
**Facility Status: Closed**  
Completed Date: 07/14/1997  
Pollution Complaint Num: 19972354  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED.

LTANKS:  
Region: TRO  
CEDS Facility Id: 200000065295  
**Case Status: Closed**  
Pollution Complaint #: 19972354  
Reported: 02/12/1997  
Case Closed Date: 07/14/1997  
Program: RP Lead  
Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): N  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U88**      **US CUSTOM HOUSE**  
**WSW**      **101 E MAIN STREET**  
**1/4-1/2**    **NORFOLK, VA 23510**  
**0.483 mi.**  
**2551 ft.**    **Site 2 of 2 in cluster U**

**VA LUST**    **S104742406**  
**VA LTANKS**   **N/A**

**Relative:**  
**Lower**

LUST REG TD:  
 Region: TD  
 Region Code: TRO  
 Facility ID: 200000067440  
**Facility Status: Closed**  
 Completed Date: 08/24/2000  
 Pollution Complaint Num: 20015019  
 Fed Regulated Tank: No  
 Phase Code: RR  
 Event Description: Release Reported  
 Comments: Release reported

**Actual:**  
**8 ft.**

Region: TD  
 Region Code: TRO  
 Facility ID: 200000067440  
**Facility Status: Closed**  
 Completed Date: 07/12/2002  
 Pollution Complaint Num: 20015019  
 Fed Regulated Tank: No  
 Phase Code: CLOSURE  
 Event Description: Case Closure Date - Letter Sent  
 Comments: Case Closed

**LTANKS:**

Region: TRO  
 CEDS Facility Id: 200000067440  
**Case Status: Closed**  
 Pollution Complaint #: 20015019  
 Reported: 08/24/2000  
 Case Closed Date: 07/12/2002  
 Program: RP Lead  
 Federally Regulated UST (Y/N): N  
 Regulated Petroleum UST (1): N  
 Excluded UST (1): N  
 Deferred UST (1): N  
 Partially Deferred UST (1): N  
 Exempt 1 UST (2): N  
 Exempt 2 Heating Oil UST (2): Y  
 Small Heating Oil AST (2): N  
 Regulated AST (3): N  
 Unregulated AST (3): N  
 Other Y/N: N  
 Unknown Y/N: N  
 Other Description: Not reported  
 Heating Oil Category: Category 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**V89**      **AMERICAN SIGN & FLAG COMPANY (FORMER)**  
**ESE**      **313 RESERVOIR AVE**  
**1/4-1/2**    **NORFOLK, VA 23504**  
**0.486 mi.**  
**2565 ft.**    **Site 1 of 2 in cluster V**

**VA VCP**    **S105953398**  
**VA SPILLS**    **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

VRP:  
Facility ID:            VRP00604  
Site Status:            Enrolled in Program  
Site Status 2:          Awaiting Participant Action  
DEQ Region:            Tidewater  
Sizs in Acres:          0.93  
Site Type:              Industry  
Corrective Action Desc: Not reported  
Owner Name:            Norfolk Redevelopment and Housing Authority  
Owner Contact:         Jim Hollomon  
Owner Address:         201 Granby Street, 11th floor; Norfolk, VA 23510  
Owner Phone:           757.314.2094  
Operator Name:         Not reported  
Operator Owner:        Not reported  
Operator Phone:        Not reported  
Participant Name:       Norfolk Redevelopment and Housing Authority  
Relationship to Site:    Not reported  
Participant Contact:    Jim Hollomon  
Participant Phone:      757.314.2094  
Participant Title:       Not reported  
Participant Affiliation: Norfolk Redevelopment and Housing Authority  
Participant Address:    201 Granby Street, 11th floor  
Participant City,St,Zip: Norfolk, VA 23510  
Additional Parts:       Not reported  
Participation Notes:   Not reported  
Participant Rep/Contractor:      Dave Balsley  
Participant Rep/Contractor Phone:    757.623.0777  
Participant Rep/Contractor Title:    Project Manager  
Participant Rep/Contractor Affiliation:   Stokes Environmental Associates, Ltd.  
Participant Rep/Contractor Address:   4101 Granby Street  
Participant Rep/Contractor City,St,Zip: Norfolk, VA 23504  
Metal Contaminants Present in Soil:    Mercury  
Organic Contaminants Present in Soil:   Petroleum, PAHs  
Metal Contaminants Present in GW:    Mercury  
Organic Contaminants Present GW:    Not reported  
DEQ Staff Case Manager's Initials:    JLC  
Cleanup Standards:            Not reported  
No Further VRP Action Date:          Not reported  
Date Participant Notified of NFA:      Not reported  
Certification Date:            Not reported  
Deed Received Date:            Not reported  
Terms of NFA Determination:          Not reported  
Date VRP Eligibility Declared by Participant:    07/02/2012  
Date VRP Eligibility Determined by DEQ Region:    08/06/2012  
Dt Office Of Waste Permitting Verified Site Eligblty:    07/16/2012  
Date VRP Eligibility Determined by VRP:    08/08/2012  
Date Signed Agreement Submitted By Participant:    Not reported  
Date Agreement Executed by DEQ:        Not reported  
Registration Fee Amount Submitted by Participant:    800.00  
Date Registration Fee Submitted by Participant:    01/16/2013  
Site Characterization Document Number:    Not reported  
DEQ Concurrence with Site Characterization Date:    Not reported  
Remedial Action Work Plan Document Number:    Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SIGN & FLAG COMPANY (FORMER) (Continued)**

**S105953398**

DEQ Concurr with Remedial Action Work Plan Date: Not reported  
Completion Report Document Number: Not reported  
DEQ Concurr with Completion Report Date: Not reported  
Submittal Date for Document Number 1: 07/02/2012  
Title of Submitted Document Number 1: Phase I ESA (10-19-10)  
Submittal Date for Document Number 2: 07/02/2012  
Title of Submitted Document Number 2: Phase II ESA (12-21-10)  
Submittal Date for Document Number 3: Not reported  
Title of Submitted Document Number 3: Not reported  
Submittal Date for Document Number 4: Not reported  
Title of Submitted Document Number 4: Not reported  
Submittal Date for Document Number 5: Not reported  
Title of Submitted Document Number 5: Not reported  
Submittal Date for Document Number 6: Not reported  
Title of Submitted Document Number 6: Not reported  
Submittal Date for Document Number 7: Not reported  
Title of Submitted Document Number 7: Not reported  
Submittal Date for Document Number 8: Not reported  
Title of Submitted Document Number 8: Not reported  
DEQ Response Incident ID Number: 2010-T2947  
EPA CERCLIS ID: Not reported  
EPA RCRA ID NUMBER: VAR000011916  
DEQ Pollution Complaint Number: Not reported  
Latest Action Relative To Site: DEQ Comments issued regarding Sampling Plan  
Latest Action Relative To Site Date: 03/05/2013  
Next VRP Step Needed Relating To Site: Data collection; Submittal of SCR  
Pending Since: Not reported  
Date Next Step Should Be Completed: Not reported  
Lat/Long: 36.84563 / -76.27451  
Brownfield Tax Incentive: Not reported  
Ground Water Use Restriction: False  
Res. User Restriction: False  
Excavation Restriction: False  
Unrestricted: False  
Other Condition of Issuance: False  
GPS Lat: Not reported  
GPS Long: Not reported  
GPS Desc: Not reported  
Notes: 7/7/2017 sent email again and then 30 day letter 3/5/13 - DEQ  
Comments issued regarding 'Sampling Plan' 2/25/13 - 'Sampling Plan'  
revised 2/21/13 - 'Sampling Plan' submitted for review by consultant  
2/8/13 - Kick off Meeting held with participant and consultant.  
1/22/13 - 'Enrollment' Letter issued by DEQ. 1/16/13 - \$800  
registration fee paid. 8/8/12 - VRP Eligibility Determination letter  
issued. Site is eligible to participate. 8/6/12 - Eligibility review  
by Tidewater Regional Office completed 7/16/12 - Eligibility review  
by Haz Waste Permitting program completed 7/12/12 - Eligibility  
review by RCRA CA program completed 7/2/12 - VRP application received  
7/5/14- status inquiry letter sent

**SPILLS TD:**

Region: TD  
PC Number: 99-1685  
Incident Response: Not reported  
Incident Date: Not reported  
Time In: Not reported  
Facility Permitted: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN SIGN & FLAG COMPANY (FORMER) (Continued)

S105953398

Facility Contact:	Not reported
Facility Phone:	Not reported
Resp Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Resp Party Phone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Incident Date:	Not reported
Incident Time:	Not reported
Petroleum:	Not reported
Solid Waste:	Not reported
Haz Waste:	Not reported
Water:	Not reported
Air:	Not reported
Sewage:	Not reported
Fish Killed:	No
Medical Waste:	Not reported
Wetland:	Not reported
Terrorism:	Not reported
Material Released:	Not reported
Possible Receptors:	Not reported
Qty Released:	Not reported
Unit:	Not reported
Qty In Water:	Not reported
Receiving Waters:	Not reported
River Basin:	Not reported
Topo Map Id:	Not reported
Inspection Dt:	7/30/1998
Call Date:	Not reported
Inspector:	KLK
Response Due:	Not reported
Response Receive:	Not reported
<b>Date Closed:</b>	<b>9/17/1998</b>
Dt Ref Air C/m:	Not reported
Air Reg Permit #:	Not reported
Date Ref Waste C/M:	Not reported
Epa Ir/permit #:	Not reported
Date Ref Water C/m:	Not reported
Water Permit #:	Not reported
Date Ref Remediation:	Not reported
Remediation PC #:	Not reported
Date Ref Enforcement:	Not reported
NOV Number:	Not reported
Date Received:	7/30/1998
Source:	Not reported
Summary:	Not reported
Comments:	Not reported
Report Notes:	100 FINE GAL BUCKETS OF MATERIAL ,PAINT, FLAMMABLE LIQUIDS AND SOLVENTS
Reported By Company:	NORFOLK PD
Reported By Address:	Not reported
Reported By Street:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SIGN & FLAG COMPANY (FORMER) (Continued)**

**S105953398**

Reported By City,St,Zip: NORFOLK, VA  
Reported By Phone: 650-1602  
Report By Name: CAPT TED MUNDEN  
PI Date: 7/30/1998  
Incident Time: Not reported  
Incident Type: CHEM/HAZ  
Stream: Not reported  
Spill Volume: 30  
Spill Unit: GALLONS  
Volume To State Water: 0

**V90  
ESE  
1/4-1/2  
0.486 mi.  
2565 ft.**

**AMERICAN SIGN AND NEON  
313 RESEVOIR AVENUE  
NORFOLK, VA 23504**

**SEMS-ARCHIVE 1012042927  
VAN000306648**

**Site 2 of 2 in cluster V**

**Relative:  
Lower  
Actual:  
6 ft.**

SEMS Archive:  
Site ID: 0306648  
EPA ID: VAN000306648  
Cong District: 03  
FIPS Code: 51710  
FF: N  
NPL: Not on the NPL  
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)  
Latitude: +36.845788  
Longitude: -076.274257

**SEMS Archive Detail:**

Region: 03  
Site ID: 0306648  
EPA ID: VAN000306648  
Site Name: AMERICAN SIGN AND NEON  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 2011-12-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 03  
Site ID: 0306648  
EPA ID: VAN000306648  
Site Name: AMERICAN SIGN AND NEON  
NPL: N  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 1  
Start Date: 2009-02-05 05:00:00  
Finish Date: 2009-03-17 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

91  
NW  
1/4-1/2  
0.490 mi.  
2589 ft.

**CENIT BANK**  
**225 WEST OLNEY ROAD**  
**NORFOLK, VA 23510**

**VA LUST**    **U003692831**  
**VA UST**     **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

**LUST REG TD:**  
Region: TD  
Region Code: TRO  
Facility ID: 200000064455  
**Facility Status: Closed**  
Completed Date: 02/02/1995  
Pollution Complaint Num: 19952329  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: 10K GALLON H.O. UST FAILED A TIGHTNESS TEST.

Region: TD  
Region Code: TRO  
Facility ID: 200000064455  
**Facility Status: Closed**  
Completed Date: 06/14/1995  
Pollution Complaint Num: 19952329  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: CASE CLOSED-PLEASE CLOSE USTS & COMPLETE NOTIF. FORM TO HQ.

**Facility:**  
Facility Id: 5027374  
Facility Type: COMMERCIAL  
CEDS Facility ID: 200000064455

**Owner:**  
Owner Id: 30244  
Owner Name: CENIT BANK; FSB  
Owner Address: 225 WEST OLNEY ROAD  
Owner Address2: Not reported  
Owner City, State, Zip: NORFOLK, VA 23510  
Owner Type: PRIVATE  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 1

**UST:**  
Facility ID: 5027374  
Federally Regulated: No

Tank Number: R1  
Tank Capacity: 10000  
Tank Contents: HEATING OIL  
**Tank Status: REM FROM GRD**  
Tank Type: UST

**Tank Material:**  
Install Date: Not reported  
Tank Materials: Bare Steel Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CENIT BANK (Continued)**

**U003692831**

Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	No
Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

92  
East  
1/4-1/2  
0.500 mi.  
2639 ft.

CITY OF NORFOLK MAINTENANCE SHOP  
736 CECELIA ST  
NORFOLK, VA 23504

VA LUST  
VA LTANKS  
VA UST

U003977075  
N/A

Relative:  
Lower  
Actual:  
7 ft.

LUST REG TD:

Region: TD  
Region Code: TRO  
Facility ID: 200000066031  
**Facility Status: Closed**  
Completed Date: 03/07/2007  
Pollution Complaint Num: 20075089  
Fed Regulated Tank: No  
Phase Code: RR  
Event Description: Release Reported  
Comments: Release reported

Region: TD  
Region Code: TRO  
Facility ID: 200000066031  
**Facility Status: Closed**  
Completed Date: 02/29/2008  
Pollution Complaint Num: 20075089  
Fed Regulated Tank: No  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

Region: TD  
Region Code: TRO  
Facility ID: 200000066031  
**Facility Status: Closed**  
Completed Date: 08/18/1999  
Pollution Complaint Num: 20005028  
Fed Regulated Tank: Yes  
Phase Code: RR  
Event Description: Release Reported  
Comments: PETROL CONTAM NOTED DURING UST CLS ASSESSMENT.

Region: TD  
Region Code: TRO  
Facility ID: 200000066031  
**Facility Status: Closed**  
Completed Date: 02/01/2005  
Pollution Complaint Num: 20005028  
Fed Regulated Tank: Yes  
Phase Code: CLOSURE  
Event Description: Case Closure Date - Letter Sent  
Comments: Case closed, no further corrective action letter sent

LTANKS:

Region: TRO  
CEDS Facility Id: 200000066031  
**Case Status: Closed**  
Pollution Complaint #: 20075089  
Reported: 03/07/2007  
Case Closed Date: 02/29/2008  
Program: RP Lead

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF NORFOLK MAINTENANCE SHOP (Continued)**

**U003977075**

Federally Regulated UST (Y/N): N  
Regulated Petroleum UST (1): N  
Excluded UST (1): N  
Deferred UST (1): N  
Partially Deferred UST (1): N  
Exempt 1 UST (2): N  
Exempt 2 Heating Oil UST (2): Y  
Small Heating Oil AST (2): N  
Regulated AST (3): N  
Unregulated AST (3): N  
Other Y/N: N  
Unknown Y/N: N  
Other Description: Not reported  
Heating Oil Category: Category 3

Facility:

Facility Id: 5022537  
Facility Type: LOCAL  
CEDS Facility ID: 200000066031

Owner:

Owner Id: 27233  
Owner Name: City of Norfolk  
Owner Address: 2840 Dana Street  
Owner Address2: Attn: William Clendenin  
Owner City, State, Zip: Norfolk, VA 23509  
Owner Type: LOCAL  
Number of Active AST: 0  
Number of Active UST: 0  
Number of Inactive AST: 0  
Number of Inactive UST: 2

UST:

Facility ID: 5022537  
Federally Regulated: Yes

Tank Number: R1  
Tank Capacity: 5000  
Tank Contents: GASOLINE  
**Tank Status: REM FROM GRD**  
Tank Type: UST

Tank Material:

Install Date: 8/1/1980  
Tank Materials: Bare Steel No  
Tank Materials: Cath Protect Steel No  
Tank Materials: Epoxy Steel No  
Tank Materials: Fiberglass Yes  
Tank Materials: Concrete No  
Tank Materials: Composite No  
Tank Materials: Double Walled No  
Tank Materials: Lined Interior No  
Tank Materials: Excav Liner No  
Tank Materials: Insulated Tank Jacket No  
Tank Materials: Repaired No  
Tank Materials: Unknown No  
Tank Materials: Other No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF NORFOLK MAINTENANCE SHOP (Continued)**

**U003977075**

Tank Materials: Other Note	Not reported
Release Detection:	
Tank Release Detection: Leak Deferred	No
Tank Release Detection: Manual Gauge	No
Tank Release Detection: Auto Gauge	No
Tank Release Detection: Tank Tightness	No
Tank Release Detection: Vapor Monitor	No
Tank Release Detection: Inventory	No
Tank Release Detection: Stat Invent Recon	No
Tank Release Detection: Spill Install	No
Tank Release Detection: Overfill Install	No
Tank Release Detection: Groundwater	No
Tank Release Detection: Int Sec Containment	No
Tank Release Detection: Int Double Walled	No
Tank Release Detection: Other Method	No
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Not reported
Pipe Release Detection: Line Tightness	No
Pipe Release Detection: Stat Invent Recon	No
Pipe Release Detection: Groundwater	No
Pipe Release Detection: Int Sec Containment	No
Pipe Release Det: Interior Double Walled	No
Pipe Release Detection: Other Method	No
Pipe Release Detection: Other Note	Not reported
Pipe Type: UNKNOWN	
Pipe Materials: Bare Steel	No
Pipe Materials: Galvanized Steel	No
Pipe Materials: Copper	No
Pipe Materials: Fiberglass	No
Pipe Materials: Cath Protect	No
Pipe Materials: Double Walled	No
Pipe Materials: Sec Containment	No
Pipe Materials: Repaired	No
Pipe Materials: Unknown	Yes
Pipe Materials: Other	No
Pipe Materials: Other Note	Not reported
Facility ID: 5022537	
Federally Regulated: Yes	
Tank Number: R2	
Tank Capacity: 5000	
Tank Contents: GASOLINE	
<b>Tank Status: REM FROM GRD</b>	
Tank Type: UST	
Tank Material:	
Install Date:	8/1/1981
Tank Materials: Bare Steel	No
Tank Materials: Cath Protect Steel	No
Tank Materials: Epoxy Steel	No
Tank Materials: Fiberglass	No
Tank Materials: Concrete	Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF NORFOLK MAINTENANCE SHOP (Continued)**

**U003977075**

Tank Materials: Composite	No
Tank Materials: Double Walled	No
Tank Materials: Lined Interior	No
Tank Materials: Excav Liner	No
Tank Materials: Insulated Tank Jacket	No
Tank Materials: Repaired	No
Tank Materials: Unknown	No
Tank Materials: Other	No
Tank Materials: Other Note	Not reported

Release Detection:

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

Pipe Type:

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



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**93**            **NORFOLK TOWN GAS**  
**NNW**        **MONTICELLO AND VA BEACH RD**  
**1/2-1**        **NORFOLK, VA 23504**  
**0.536 mi.**  
**2828 ft.**

**EDR MGP**    **1008408679**  
                   **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**6 ft.**

Manufactured Gas Plants:

Alternate Name: CITY GAS OF NORFOLK; VIRGINIA ELECTRIC AND POWER CO; NORFOLK GAS PLANT. Former coal gas plant site-new sewer line. Corrective Actions began 8/91. Active Site. Virginia Power also an RP (Mike Kadlubowski, Water Qual. Dept, VA Power, 5000 Dominion Blvd, Glen Allen, VA 23060 (804/273-2991). Princess Anne & Virginia Beach Blvd.

Count: 21 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NORFOLK	S107632278	CENTURY BREWERY (FORMER)	708,710, AND 732 WASHINGTON AV	23504	VA ENG CONTROLS, VA INST CONTROL, VA VCP
NORFOLK	S104742315	HERITAGE APARTMENTS - PARCELS 14 -	BETWEEN DUKE AND TAZEWELL STRE	23510	VA LUST
NORFOLK	U003966638	FIRST AMERICAN BANK	CHARLOTTE AND BOUSCH STS	23510	VA LUST, VA UST
NORFOLK	S105118399	NORFOLK CITY OF - DEVELOPMENT DEPT	CITY HALL AVENUE & COURT STREE	23510	VA LUST, VA LTANKS
NORFOLK	S111684520	SUBURBAN PARK SHOPPING CENTER	SE CORNER OF GRANBY ST AND LIT		VA LUST, VA LTANKS
NORFOLK	U003977440	NORFOLK CITY - BOUSH STREET PARKIN	CORNER OF BOUSH ST AND FREEMAS	23510	VA LUST, VA LTANKS, VA UST
NORFOLK	S109122153	ESSO - BANK STREET AND CHARLOTTE S	NW CORNER BANK ST AND E CHARLO	23510	VA LUST, VA LTANKS
NORFOLK	S108992351	RESIDENCE INN - FUTURE	SE CORNER W BRAMBLETON AVE AND	23510	VA LUST, VA LTANKS
NORFOLK	S109609718	CHEVRON ASPHALT PLANT	3439 EARLS COURT AVE	23510	VA LUST, VA LTANKS
NORFOLK	S110787912	GREEN AT GHENT (FORMERLY BRISTOL A	MONTICELL AVENUE AND GRANBY ST	23517	VA VCP
NORFOLK	1015737118	NORFOLK TOWN GAS	MONTICELLO & VA BEACH RD	23501	SEMS-ARCHIVE
NORFOLK	S108999161	BRISTOL AT GHENT PHASE II PROPERTY	MONTICELLO AVE AND GRANBY ST	23517	VA LUST, VA LTANKS
NORFOLK	S109599440	HAMPTON ROADS TRANSIT AUTHORITY-AB	SW OF BRAMBLETON AVE AT SMITH	23510	VA LTANKS
NORFOLK	S109526241	HAMPTON ROADS TRANSIT AUTHORITY-NL	SW OF BRAMBLETON AVE AT SMITH	23510	VA LUST, VA LTANKS
NORFOLK	1003866913	F & C CAROLINA	SOUTH OF & ADJACENT TO 2628 TI	23501	SEMS-ARCHIVE
NORFOLK	S116625199	HRSD - SOUTH TRUCK SECTON G	ST PAULS BLVD AND WATERSIDE DR	23510	VA LTANKS
NORFOLK	S115959179	CITY OF NORFOLK - PLUME ST AND SAI	PLUME ST AND SAINT PAULS BLVD		VA RGA LUST
NORFOLK	S103820120	NORFOLK GAS PLANT	PRINCESS ANNE AND VIRGINIA BEA		VA VCP
NORFOLK	S111684523	HRSD SOUTH TRUNK SEWER CORRIDOR	ROAD ROWS -ARMISTEAD BRIDGE RD	23517	VA LUST, VA LTANKS
NORFOLK	S105974791	ELIZABETH RIVER LAND COMPANY PROPE	E WATER ST	23510	VA LUST
PORTSMOUTH	S104742353	PORTSMOUTH SAFETY FACILITY	EFFINGHAM STREET AND RANDOLPH	23704	VA LUST, VA LTANKS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **STANDARD ENVIRONMENTAL RECORDS**

### ***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: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: N/A  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Quarterly

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

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-438-2474
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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

### LUCIS: Land Use Control Information System

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

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/07/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/24/2018

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/25/2018

Telephone: 202-267-2180

Date Made Active in Reports: 11/09/2018

Last EDR Contact: 02/08/2019

Number of Days to Update: 45

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

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

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

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

Date of Government Version: N/A

Source: Department of Environmental Quality

Date Data Arrived at EDR: N/A

Telephone: 804-698-4236

Date Made Active in Reports: N/A

Last EDR Contact: 12/14/2018

Number of Days to Update: N/A

Next Scheduled EDR Contact: 04/01/2019

Data Release Frequency: N/A

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

SWF/LF: Solid Waste Management Facilities

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

Date of Government Version: 12/03/2018

Source: Department of Environmental Quality

Date Data Arrived at EDR: 12/04/2018

Telephone: 804-698-4238

Date Made Active in Reports: 01/30/2019

Last EDR Contact: 12/03/2018

Number of Days to Update: 57

Next Scheduled EDR Contact: 03/18/2019

Data Release Frequency: Semi-Annually

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

LUST REG PD: Leaking Underground Storage Tank Sites

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

Date of Government Version: 12/02/2014

Source: Department of Environmental Quality Piedmont Regional Office

Date Data Arrived at EDR: 12/04/2014

Telephone: 804-527-5020

Date Made Active in Reports: 01/16/2015

Last EDR Contact: 08/29/2016

Number of Days to Update: 43

Next Scheduled EDR Contact: 12/12/2016

Data Release Frequency: Quarterly

LUST REG TD: Leaking Underground Storage Tank Sites

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 09/16/2013  
Number of Days to Update: 73

Source: Department of Environmental Quality Tidewater Regional Office  
Telephone: trofoia@deq.vir  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
Data Release Frequency: Quarterly

## LUST REG SW: Leaking Underground Storage Tank Database

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

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

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

## LUST REG SC: Leaking Underground Storage Tanks

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

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

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

## LUST REG WC: Leaking Underground Storage Tank List

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

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

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

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

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

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

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

## LUST REG VA: Leaking Underground Storage Tank List

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

Date of Government Version: 12/06/2011  
Date Data Arrived at EDR: 12/08/2011  
Date Made Active in Reports: 01/16/2012  
Number of Days to Update: 39

Source: Department of Environmental Quality Valley Regional Office  
Telephone: 540-574-7800  
Last EDR Contact: 08/29/2016  
Next Scheduled EDR Contact: 12/12/2016  
Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

LTANKS: Leaking Petroleum Storage Tanks

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

Date of Government Version: 10/02/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/29/2018	Telephone: 804-698-4010
Date Made Active in Reports: 01/30/2019	Last EDR Contact: 11/29/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

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

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/08/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Varies

UST: Registered Petroleum Storage Tanks

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

Date of Government Version: 10/30/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/29/2018	Telephone: 804-698-4010
Date Made Active in Reports: 01/29/2019	Last EDR Contact: 11/29/2018
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

AST: Registered Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 10/30/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/29/2018	Telephone: 804-698-4010
Date Made Active in Reports: 01/29/2019	Last EDR Contact: 11/29/2018
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

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

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

### ENG CONTROLS: Engineering Controls Sites Listing

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

Date of Government Version: 10/31/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/06/2018	Telephone: 804-698-4228
Date Made Active in Reports: 12/28/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

### INST CONTROL: Voluntary Remediation Program Database

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

Date of Government Version: 10/31/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/06/2018	Telephone: 804-698-4228
Date Made Active in Reports: 12/28/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

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

### 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: 10/31/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/06/2018	Telephone: 804-698-4228
Date Made Active in Reports: 12/28/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/19/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Varies

### 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Date of Government Version: 10/18/2018  
Date Data Arrived at EDR: 10/24/2018  
Date Made Active in Reports: 11/08/2018  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 804-698-4207  
Last EDR Contact: 01/24/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

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

#### **US BROWNFIELDS: A Listing of Brownfields Sites**

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

Date of Government Version: 12/17/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/18/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Semi-Annually

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

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/29/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

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

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 02/01/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/21/2018  
Date Data Arrived at EDR: 09/21/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 49

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/26/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: No Update Planned

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 09/21/2018  
Date Data Arrived at EDR: 09/21/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 49

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/26/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Quarterly

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/26/2018  
Date Data Arrived at EDR: 03/27/2018  
Date Made Active in Reports: 06/08/2018  
Number of Days to Update: 73

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 02/08/2019  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## SPILLS PD: PREP Database

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

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

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

## SPILLS BRL: Prep/Spills Database Listing

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

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

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

## SPILLS: Prep/Spills Database Listing

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

Date of Government Version: 11/01/2018  
Date Data Arrived at EDR: 11/29/2018  
Date Made Active in Reports: 01/30/2019  
Number of Days to Update: 62

Source: Department of Environmental Quality  
Telephone: 804-698-4287  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Quarterly

## SPILLS WC: Prep Database

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

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

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

## SPILLS VA: PREP Database

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

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

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

## SPILLS TD: PREP Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## SPILLS SW: Reportable Spills

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

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

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

## SPILLS NO: PREP Database

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

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

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

## SPILLS PC: Pollution Complaint Database

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

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

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

## SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

## **Other Ascertainable Records**

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

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

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

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 12/03/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/19/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

## DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/11/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	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: 01/11/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: N/A

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

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/15/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/25/2018	Telephone: 202-566-1917
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## 2020 COR ACTION: 2020 Corrective Action Program List

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

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

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

## TSCA: Toxic Substances Control Act

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

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

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/21/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/16/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

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

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

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RMP: Risk Management Plans

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

Date of Government Version: 10/26/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 202-564-8600
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/22/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 02/15/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

### MLTS: Material Licensing Tracking System

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

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

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

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

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

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

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 12/05/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

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

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

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

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/03/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

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

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

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

### RADINFO: Radiation Information Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2018  
Date Data Arrived at EDR: 10/03/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/03/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

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

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

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

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

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

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

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

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

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 10/01/2018  
Date Data Arrived at EDR: 10/30/2018  
Date Made Active in Reports: 01/18/2019  
Number of Days to Update: 80

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

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2018  
Date Data Arrived at EDR: 10/12/2018  
Date Made Active in Reports: 12/07/2018  
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/31/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 12/14/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2018	Telephone: 703-603-8787
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

## US MINES: Mines Master Index File

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

Date of Government Version: 08/01/2018  
Date Data Arrived at EDR: 08/29/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Semi-Annually

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

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

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

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Varies

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

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

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

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

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

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

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/19/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/15/2018	Source: EPA
Date Data Arrived at EDR: 12/05/2018	Telephone: (215) 814-5000
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/31/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 87	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

## AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 09/21/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/01/2018	Telephone: 804-698-4000
Date Made Active in Reports: 12/26/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CEDS: Comprehensive Environmental Data System

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

Date of Government Version: 12/18/2018  
Date Data Arrived at EDR: 12/19/2018  
Date Made Active in Reports: 01/29/2019  
Number of Days to Update: 41

Source: Department of Environmental Quality  
Telephone: 804-698-4077  
Last EDR Contact: 12/14/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Quarterly

## COAL ASH: Coal Ash Disposal Sites

A listing of facilities with coal ash impoundments.

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

Source: Department of Environmental Protection  
Telephone: 804-698-4285  
Last EDR Contact: 12/03/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

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

Source: Department of Environmental Quality  
Telephone: 804-698-4407  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

## ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

Date of Government Version: 06/01/2018  
Date Data Arrived at EDR: 06/06/2018  
Date Made Active in Reports: 07/05/2018  
Number of Days to Update: 29

Source: Department of Environmental Quality  
Telephone: 804-698-4031  
Last EDR Contact: 01/02/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

## Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/03/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/26/2018  
Number of Days to Update: 50

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

## Financial Assurance 2: Financial Assurance Information listing

Solid waste financial assurance information.

Date of Government Version: 11/01/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/27/2018  
Number of Days to Update: 51

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

## TIER 2: Tier 2 Information Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Environmental Quality  
Telephone: 804-698-4159  
Last EDR Contact: 12/14/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Annually

UIC: Underground Injection Control Wells  
A listing of underground injection controls wells.

Date of Government Version: 10/30/2018  
Date Data Arrived at EDR: 10/31/2018  
Date Made Active in Reports: 12/27/2018  
Number of Days to Update: 57

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

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **EDR RECOVERED GOVERNMENT ARCHIVES**

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

#### **RGA LF: Recovered Government Archive Solid Waste Facilities List**

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

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

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

#### **RGA LUST: Recovered Government Archive Leaking Underground Storage Tank**

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

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

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

## **OTHER DATABASE(S)**

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

#### **CT MANIFEST: Hazardous Waste Manifest Data**

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

Date of Government Version: 11/12/2018  
Date Data Arrived at EDR: 11/14/2018  
Date Made Active in Reports: 12/04/2018  
Number of Days to Update: 20

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

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

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 01/30/2019  
Date Made Active in Reports: 02/14/2019  
Number of Days to Update: 15

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

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

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

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

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/07/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

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

## Electric Power Transmission Line Data

Source: PennWell Corporation

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

## AHA Hospitals:

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

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

## Medical Centers: Provider of Services Listing

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 804-692-1900

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### STREET AND ADDRESS INFORMATION

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

### **TARGET PROPERTY ADDRESS**

ST. PAULS BLVD. TRANSIT SITE  
300 ST PAULS BLVD  
NORFOLK, VA 23510

### **TARGET PROPERTY COORDINATES**

Latitude (North):	36.850262 - 36° 51' 0.94"
Longitude (West):	76.283487 - 76° 17' 0.55"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	385571.3
UTM Y (Meters):	4078827.5
Elevation:	10 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5950979 NORFOLK SOUTH, VA
Version Date:	2013

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

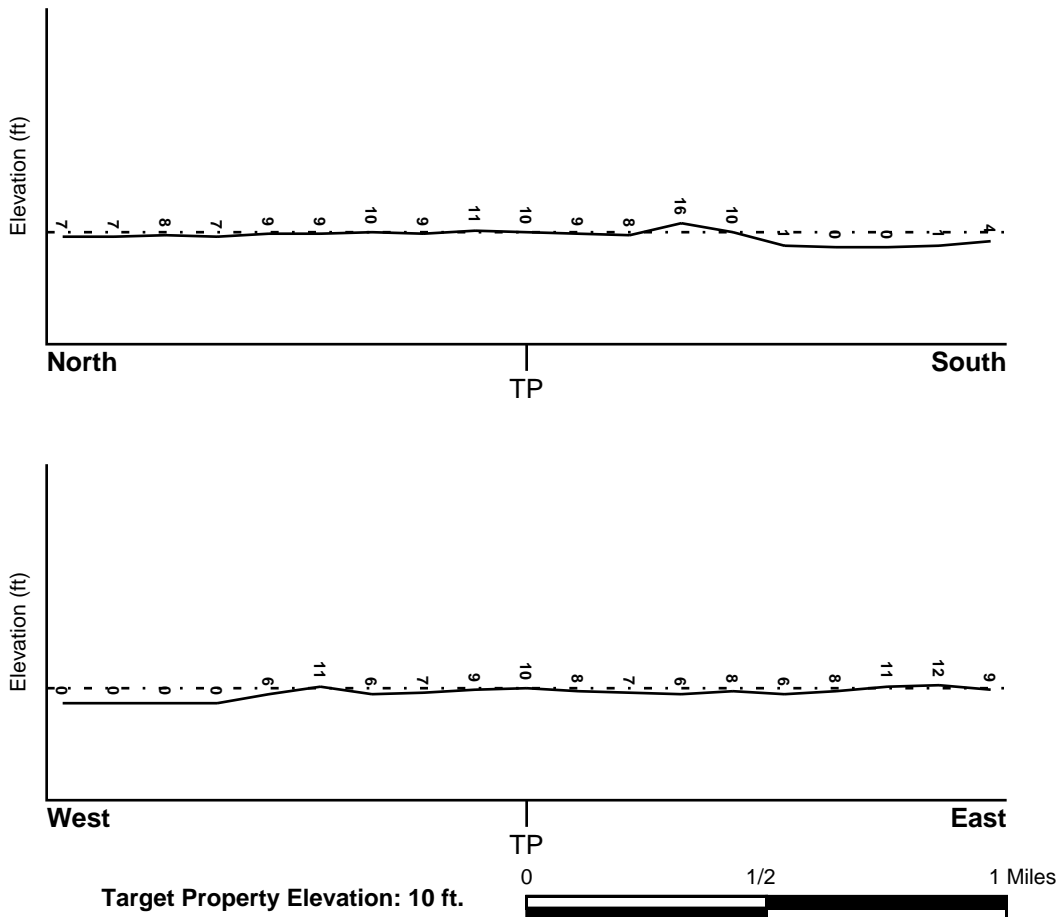
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
5101040130G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
5101040135F	FEMA FIRM Flood data
5101040160F	FEMA FIRM Flood data
5101040165F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NORFOLK SOUTH	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**

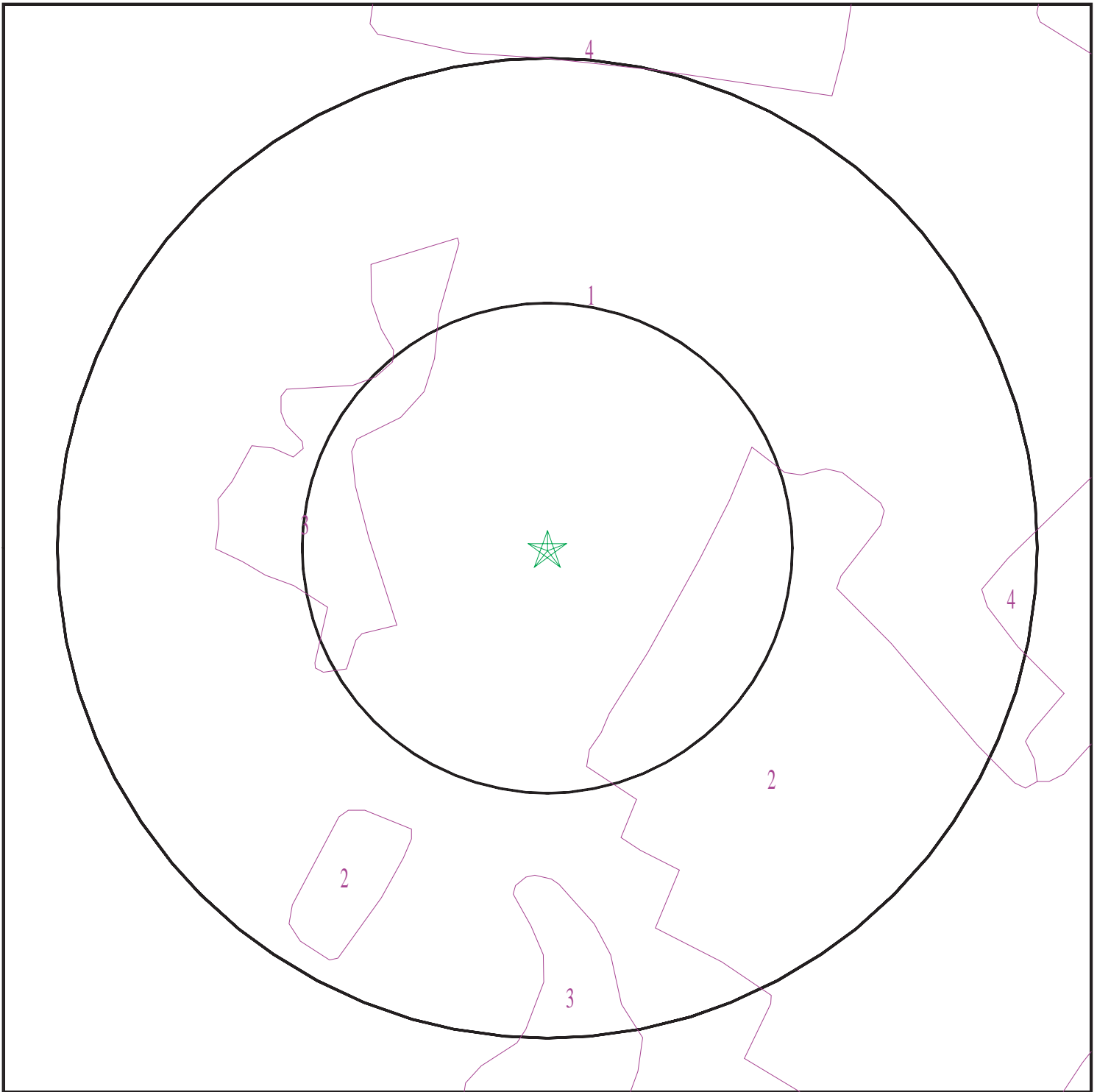
Era: Cenozoic  
System: Quaternary  
Series: Pleistocene  
Code: Qp (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

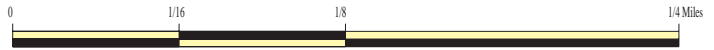
Category: Stratified Sequence

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 - 5565099.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: St. Pauls Blvd. Transit Site  
ADDRESS: 300 St Pauls Blvd  
Norfolk VA 23510  
LAT/LONG: 36.850262 / 76.283487

CLIENT: SCS Engineers  
CONTACT: Alexis Holcomb  
INQUIRY #: 5565099.2s  
DATE: February 20, 2019 8:07 am

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

### Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture: material

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

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 150 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	78 inches	material	Not reported	Not reported	Max: 0 Min: 0	Max: Min:

### Soil Map ID: 2

Soil Component Name: Altavista

Soil Surface Texture: fine 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	12 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 3.6
2	12 inches	53 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 3.6
3	53 inches	64 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 3.6

### Soil Map ID: 3

Soil Component Name: Udorthents

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 4**

Soil Component Name: Tomotley

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 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	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 6 Min: 3.6
2	7 inches	50 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 6 Min: 3.6
3	50 inches	68 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 6 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 0.001 miles
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40001201594	1/4 - 1/2 Mile SW
A2	USGS40001201591	1/4 - 1/2 Mile SW
A3	USGS40001201592	1/4 - 1/2 Mile SW
A4	USGS40001201593	1/4 - 1/2 Mile SW
5	USGS40001201602	1/4 - 1/2 Mile WSW
6	USGS40001201609	1/2 - 1 Mile ENE
7	USGS40001201607	1/2 - 1 Mile East

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

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## **STATE DATABASE WELL INFORMATION**

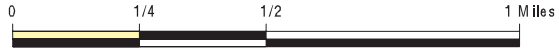
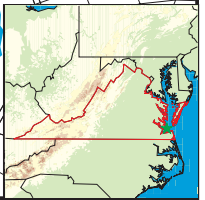
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 5565099.2s



- 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
- Oil, gas or related wells



SITE NAME: St. Pauls Blvd. Transit Site  
 ADDRESS: 300 St Pauls Blvd  
 Norfolk VA 23510  
 LAT/LONG: 36.850262 / 76.283487

CLIENT: SCS Engineers  
 CONTACT: Alexis Holcomb  
 INQUIRY #: 5565099.2s  
 DATE: February 20, 2019 8:07 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40001201594**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 4	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	773	Well Depth Units:	ft
Well Hole Depth:	783	Well Hole Depth Units:	ft

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

**FED USGS      USGS40001201591**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 1	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	764	Well Depth Units:	ft
Well Hole Depth:	780	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-07-18
Feet below surface:	27.00	Feet to sea level:	Not Reported
Note:	Not Reported		

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

**FED USGS      USGS40001201592**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 2	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Upper Cretaceous Series
Aquifer Type:	Confined single aquifer	Construction Date:	Not Reported
Well Depth:	763	Well Depth Units:	ft
Well Hole Depth:	763	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-06-01
Feet below surface:	28.00	Feet to sea level:	Not Reported
Note:	Not Reported		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A4**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40001201593**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 3	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Upper Cretaceous Series
Aquifer Type:	Confined single aquifer	Construction Date:	Not Reported
Well Depth:	822	Well Depth Units:	ft
Well Hole Depth:	822	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-07-01
Feet below surface:	26.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**5**  
**WSW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40001201602**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 5	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Potomac Group
Aquifer Type:	Confined single aquifer	Construction Date:	Not Reported
Well Depth:	765	Well Depth Units:	ft
Well Hole Depth:	765	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1968-01-23
Feet below surface:	8.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**6**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001201609**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 14	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	830	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1971-12-08
Feet below surface:	14.17	Feet to sea level:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note: Not Reported

**7**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40001201607**

Organization ID:	USGS-VA	Organization Name:	USGS Virginia Water Science Center
Monitor Location:	60C 11	Type:	Well
Description:	Not Reported	HUC:	02080208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	108	Well Depth Units:	ft
Well Hole Depth:	108	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1
Feet below surface:	18.00
Note:	Not Reported

Level reading date:	1971-07-23
Feet to sea level:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 23510

Number of sites tested: 3.

Maximum Radon Level: 2.2 pCi/L.

Minimum Radon Level: 0.9 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
3 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

---

Federal EPA Radon Zone for NORFOLK CITY County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

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

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

## HYDROGEOLOGIC INFORMATION

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

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Virginia Public Water Supplies

Source: Department of Health, Office of Water Programs

Telephone: 804-786-1756

## OTHER STATE DATABASE INFORMATION

#### Virginia Oil and Gas Wells

Source: Department of Mines, Minerals and Energy

Telephone: 804-692-3200

A listing of oil and gas well locations.

### RADON

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

#### EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

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

### OTHER

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

Source: Federal Aviation Administration, 800-457-6656

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

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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## Appendix D

### Historical Site Use Information

Print Date 2/18/2019

Property Address 300 Saint Pauls Blvd #1

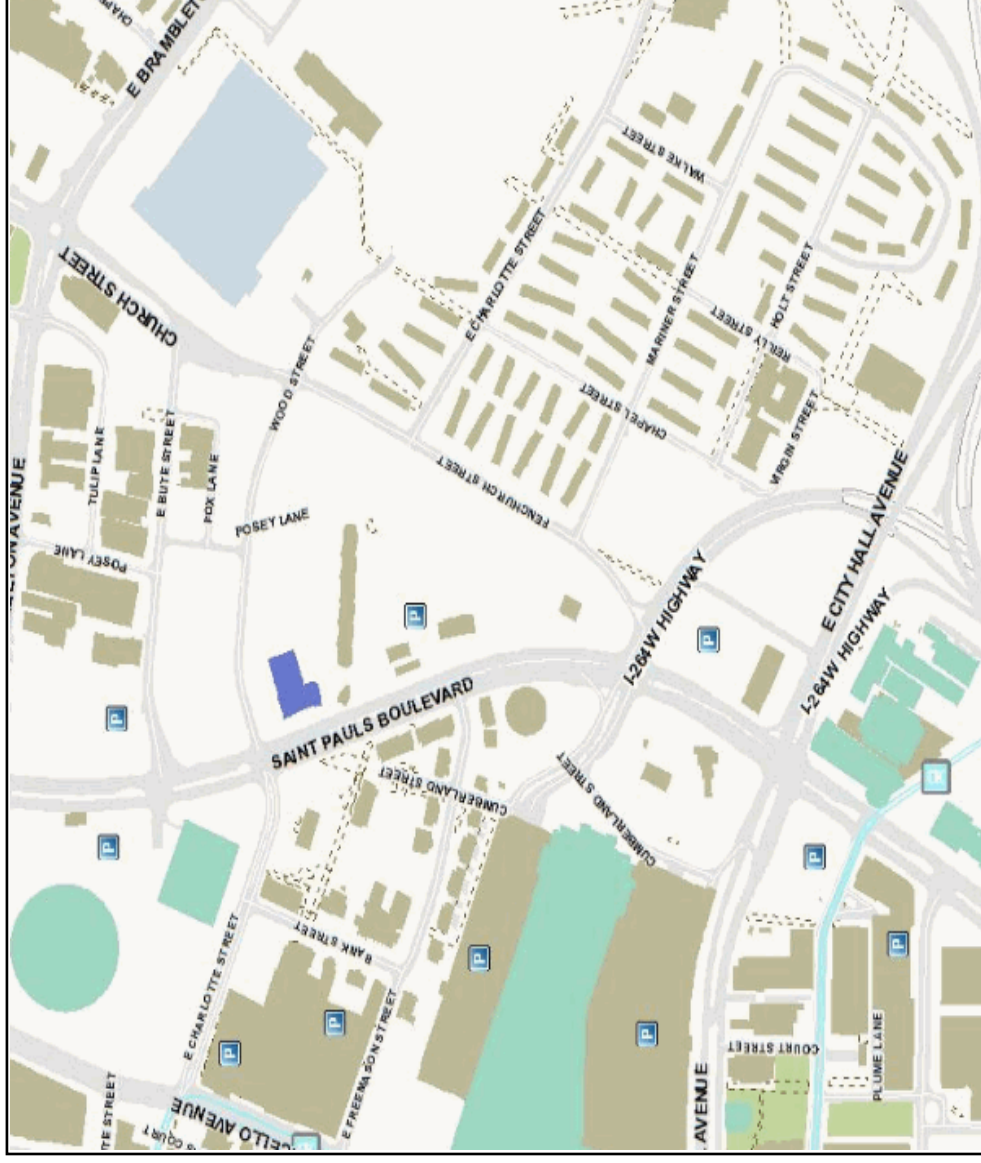
Account Number 31369500

GPIN 1437163471

## Property Detail

Parent Account 31369405  
Owner Name Dk Chicken - Lessee  
Neighborhood 200690  
Property Use Commercial  
Plate 0752  
Mailing Address 12281 Nickollet Avenue  
South Burnsville MN 55337

Parcel Approximate Area (Sq Ft) 2,455  
Parcel Approximate Acreage 0.0564  
House Plate Number 8  
Legal Description Unit #1 Popeyes





**Print Date** 2/18/2019  
**Property Address** 300 Saint Pauls Blvd #1  
**Account Number** 31369500  
**GPIN** 1437163471



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
City Of Norfolk - Dk Chicken(Lessee)	5/1/2010	\$	Single	
		NA	NA	NA
		NA	NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$18,400	\$63,800	\$82,200
07/01/2017	\$18,400	\$63,800	\$82,200
07/01/2016	\$18,400	\$63,800	\$82,200
07/01/2015	\$18,400	\$63,800	\$82,200
07/01/2014	\$18,400	\$63,800	\$82,200

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #1  
Account Number 31369500  
GPIN 1437163471



## Building Description

Year Built 2000  
Construction Quality Good  
Number of Floors 1  
Total Building Area (Sq Ft.) 2,455  
HVAC Complete HVAC  
Framing  
Framing Class Fire Resistant  
Sprinkler Full Sprinkler System  
Paving No  
Paving (Sq Ft.)

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #1  
Account Number 31369500  
GPIN 1437163471



## Zoning

Historic District Name NA  
Historic District Type NA  
Character District Downtown  
Chesapeake Bay Resource Protection Area No  
Chesapeake Bay Intensely Developed Area No  
Zoning C-R  
Overlay Districts Coastal Resilience Overlay  
Conditional Zones  
Special Exceptions 35839

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #1  
Account Number 31369500  
GPIN 1437163471



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

AE (High Risk) 8

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #1  
Account Number 31369500  
GPIN 1437163471



## Building Permits

\*only up to the 20 most recent permits are provided

### ACTIVE PERMITS

<u>Permit Number</u>	<u>Date</u>
1300006453	12/17/2013
1300006457	12/17/2013
1600000225	1/11/2016
1600000226	1/11/2016

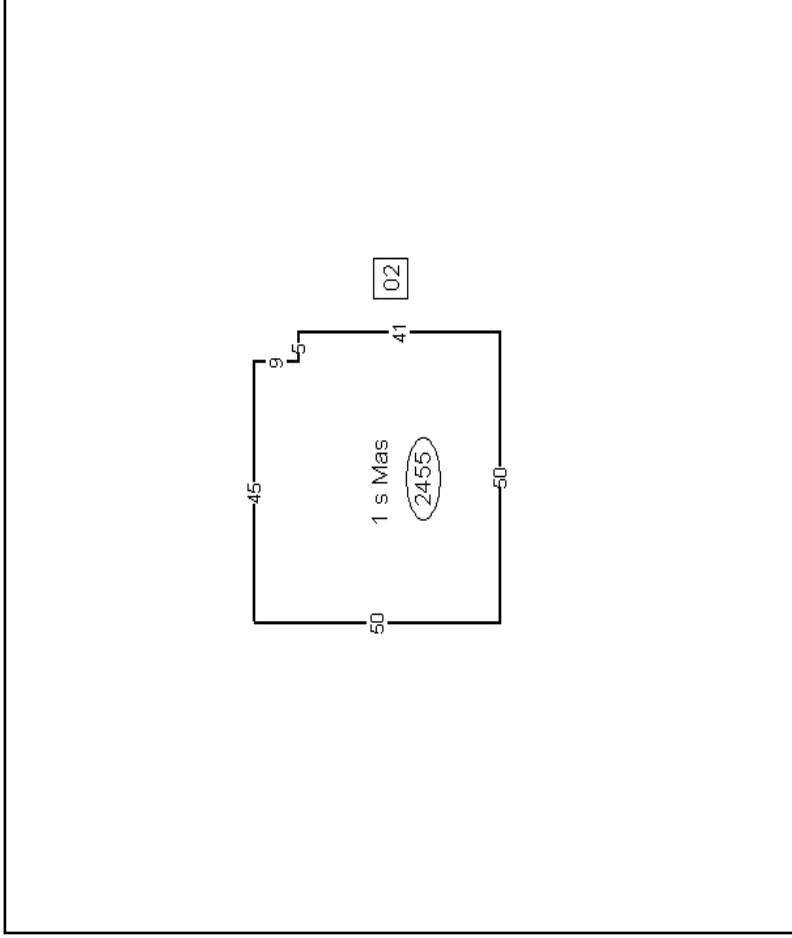
### HISTORIC PERMITS

Permit Number      Date

**Print Date** 2/18/2019  
**Property Address** 300 Saint Pauls Blvd #1  
**Account Number** 31369500  
**GPIN** 1437163471



## Photo/Sketch



Print Date 2/18/2019

Property Address 300 Saint Pauls Blvd #8

Account Number 31369430

GPIN 1437163471

## Property Detail

Parent Account 31369405

Owner Name Mcdonalds - Lessee

Neighborhood 200690

Property Use Commercial

Plate 0752

Mailing Address Po Box 182571 Columbus  
OH 43218-2571

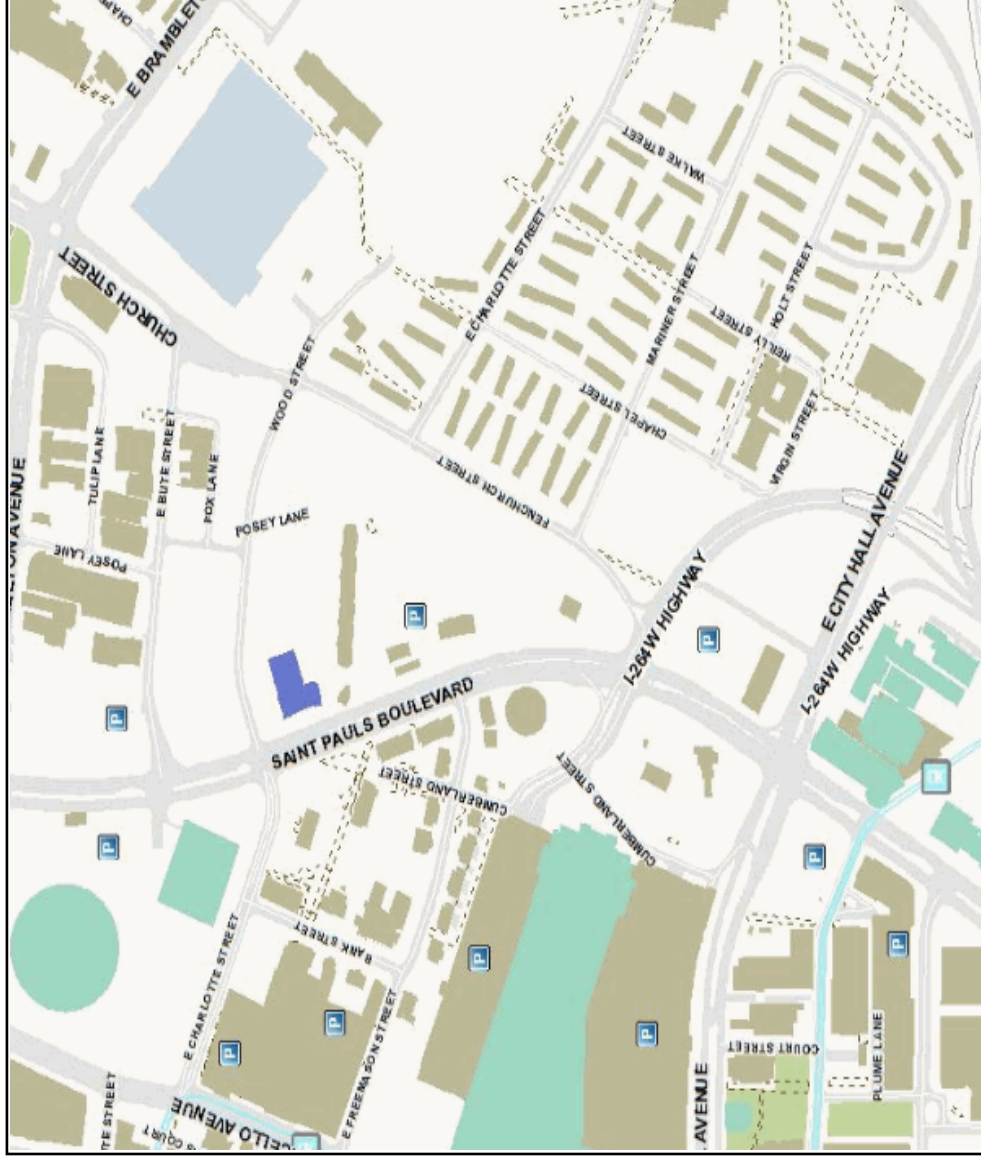
Parcel Approximate Area  
(Sq Ft) 21,527

Parcel Approximate

Acreage 0.4942

House Plate Number 8

Legal Description Unit #8



Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #8  
Account Number 31369430  
GPIN 1437163471



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$189,900	\$97,000	\$286,900
07/01/2017	\$189,900	\$97,000	\$286,900
07/01/2016	\$193,800	\$99,000	\$292,800
07/01/2015	\$258,300	\$101,000	\$359,300
07/01/2014	\$258,300	\$93,600	\$351,900



Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #8  
Account Number 31369430  
GPIN 1437163471



## Building Description

Year Built 1989  
Construction Quality Good  
Number of Floors 1  
Total Building Area (Sq Ft.) 4,487  
HVAC Warmed and Cooled Air  
Framing  
Framing Class Fire Resistant  
Sprinkler Full Sprinkler System  
Paving Yes  
Paving (Sq Ft.) 110

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #8  
Account Number 31369430  
GPIN 1437163471



## Zoning

Historic District Name NA  
Historic District Type NA  
Character District Downtown  
Chesapeake Bay Resource Protection Area No  
Chesapeake Bay Intensely Developed Area No  
Zoning C-R  
Overlay Districts Coastal Resilience Overlay  
Conditional Zones  
Special Exceptions 35839

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #8  
Account Number 31369430  
GPIN 1437163471



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

AE (High Risk) 8

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #8  
Account Number 31369430  
GPIN 1437163471



## Building Permits

\*only up to the 20 most recent permits are provided

### ACTIVE PERMITS

<u>Permit Number</u>	<u>Date</u>
1300006453	12/17/2013
1300006457	12/17/2013
1600000225	1/11/2016
1600000226	1/11/2016

### HISTORIC PERMITS

Permit Number      Date



Print Date 2/18/2019

Property Address 300 Saint Pauls Blvd #18

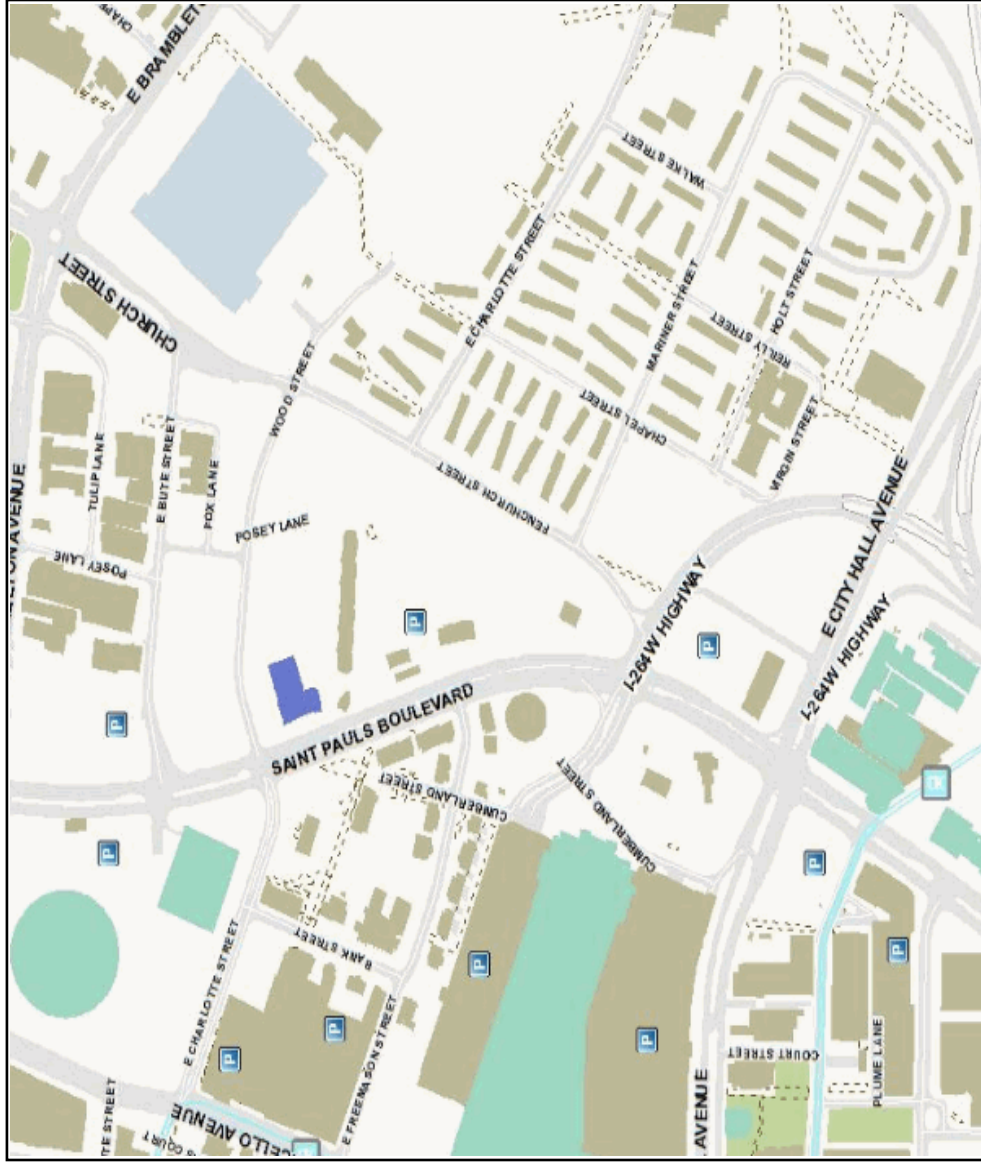
Account Number 31369422

GPIN 1437163471

## Property Detail

Parent Account 31369405  
Owner Name Supreme Petroleum Inc -  
Neighborhood Lessee  
200690  
Property Use Commercial  
Plate 0752  
Mailing Address 1200 Progress Rd Suffolk VA  
23434

Parcel Approximate Area  
(Sq Ft) 30,417  
Parcel Approximate  
Acres 0.6983  
House Plate Number 8  
Legal Description Unit #18



Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #18  
Account Number 31369422  
GPIN 1437163471



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$228,100	\$27,700	\$255,800
07/01/2017	\$228,100	\$27,700	\$255,800
07/01/2016	\$228,100	\$27,700	\$255,800
07/01/2015	\$228,100	\$27,700	\$255,800
07/01/2014	\$228,100	\$16,800	\$244,900

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #18  
Account Number 31369422  
GPIN 1437163471



## Building Description

Year Built 1986  
Construction Quality Good  
Number of Floors 1  
Total Building Area (Sq Ft.) 1,920  
HVAC Warmed and Cooled Air  
Framing  
Framing Class Fire Resistant  
Sprinkler No Sprinkler System  
Paving No  
Paving (Sq Ft.)



Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #18  
Account Number 31369422  
GPIN 1437163471



## Zoning

Historic District Name NA  
Historic District Type NA  
Character District Downtown  
Chesapeake Bay Resource Protection Area No  
Chesapeake Bay Intensely Developed Area No

Zoning C-R  
Overlay Districts Coastal Resilience Overlay

Conditional Zones

Special Exceptions 35839

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #18  
Account Number 31369422  
GPIN 1437163471



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone Base Elevation

AE (High Risk) 8

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019  
Property Address 300 Saint Pauls Blvd #18  
Account Number 31369422  
GPIN 1437163471



## Building Permits

\*only up to the 20 most recent permits are provided

### ACTIVE PERMITS

<u>Permit Number</u>	<u>Date</u>
1300006453	12/17/2013
1300006457	12/17/2013
1600000225	1/11/2016
1600000226	1/11/2016

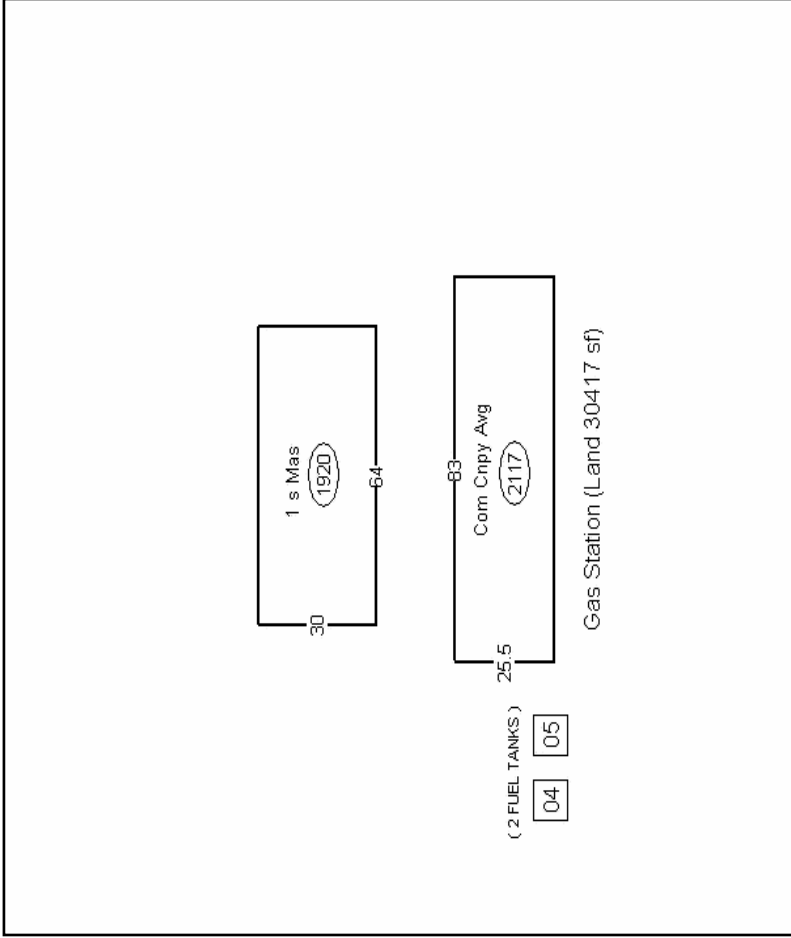
### HISTORIC PERMITS

Permit Number      Date

**Print Date** 2/18/2019  
**Property Address** 300 Saint Pauls Blvd #18  
**Account Number** 31369422  
**GPIN** 1437163471



## Photo/Sketch



Print Date 2/20/2019

Property Address 300 Saint Pauls Blvd

Account Number 50000590

GPIN 1437163471

## Property Detail

Parent Account 31369405

Owner Name City Of Norfolk

Neighborhood 200690

Property Use Non-Taxable

Plate 0752

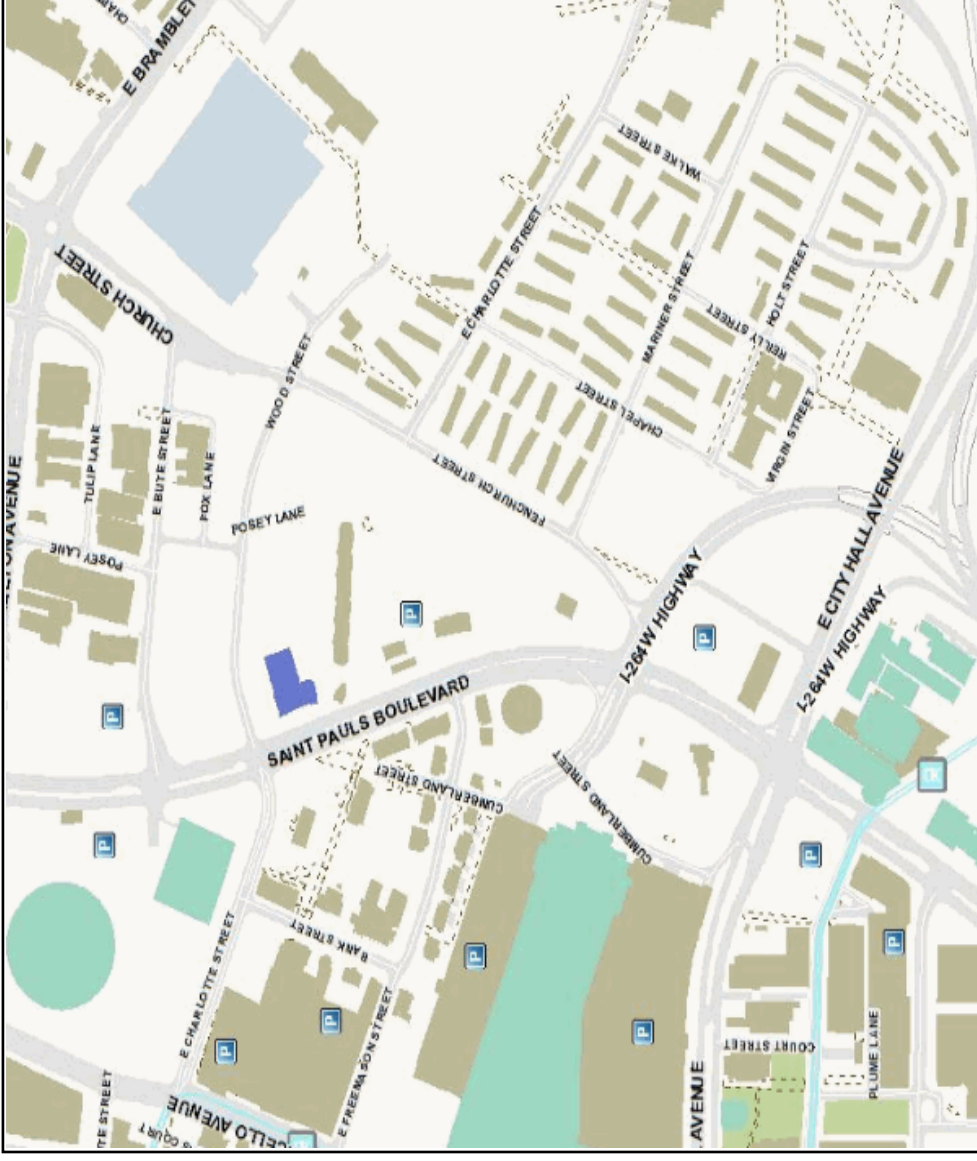
Mailing Address  
810 Union St Rm 900  
Norfolk VA 23510-2717

Parcel Approximate Area  
(Sq Ft) 283,807

Parcel Approximate  
Acres 6.5153

House Plate Number 8

Legal Description Parcels A & B-1, 6.5153 Ac



Print Date 2/18/2019

Property Address 501 Wood St

Account Number 50000587

GPIN 1437166990

## Property Detail

Parent Account 31369405

Owner Name City Of Norfolk

Neighborhood 200690

Property Use Non-Taxable

Plate 0752

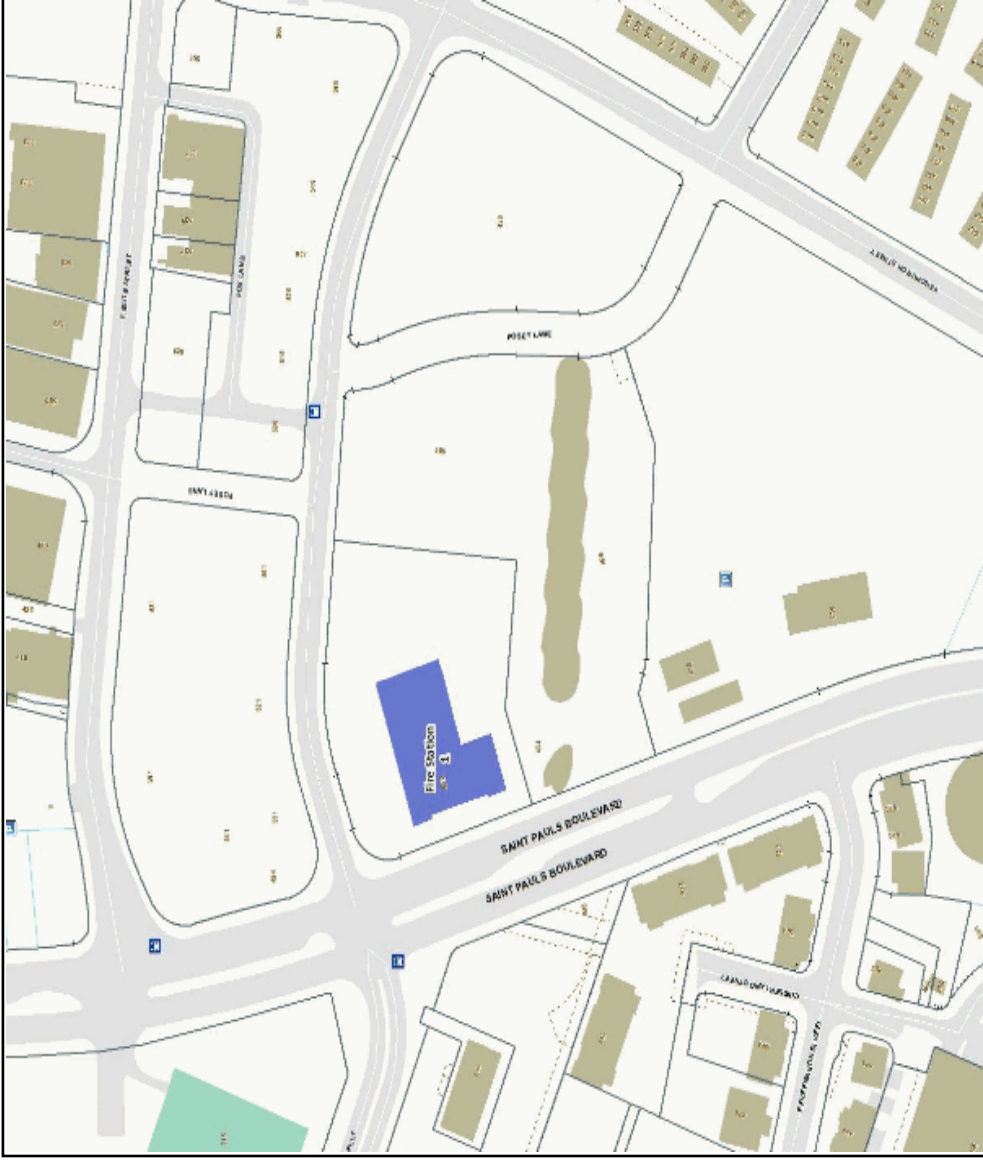
Mailing Address  
810 Union St Rm 900  
Norfolk VA 23510-2717

Parcel Approximate Area  
(Sq Ft) 132,243

Parcel Approximate  
Acreage 3.0359

House Plate Number 8

Legal Description Parcel C-1, 3.0359 Ac



Print Date 2/18/2019  
Property Address 501 Wood St  
Account Number 50000587  
GPIN 1437166990



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$859,600	\$1,567,500	\$2,427,100
07/01/2017	\$1,983,600	\$1,567,500	\$3,551,100
07/01/2016	\$1,983,600	\$1,422,900	\$3,406,500
07/01/2015	\$1,983,600	\$	\$1,983,600
	\$0.00	\$0.00	\$0.00

Print Date 2/18/2019  
Property Address 501 Wood St  
Account Number 50000587  
GPIN 1437166990



## Building Description

Year Built 2016  
Construction Quality Average  
Number of Floors 1  
Total Building Area (Sq Ft.) 3,108  
HVAC Warmed and Cooled Air  
Framing  
Framing Class Fireproof Steel  
Sprinkler No Sprinkler System  
Paving Yes  
Paving (Sq Ft.) 76,569



Print Date 2/18/2019

Property Address 501 Wood St

Account Number 50000587

GPIN 1437166990

## Zoning

Historic District Name NA

Historic District Type NA

Character District Downtown

Chesapeake Bay Resource Protection Area No

Chesapeake Bay Intensely Developed Area No

Zoning

C-R

Overlay Districts

Coastal Resilience Overlay

Conditional Zones

Special Exceptions



Print Date 2/18/2019  
Property Address 501 Wood St  
Account Number 50000587  
GPIN 1437166990



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone Base Elevation

AE (High Risk) 8

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019

Property Address 501 Wood St

Account Number 50000587

GPIN 1437166990

## Building Permits

### ACTIVE PERMITS

Permit Number Date

\*only up to the 20 most recent permits are provided

### HISTORIC PERMITS

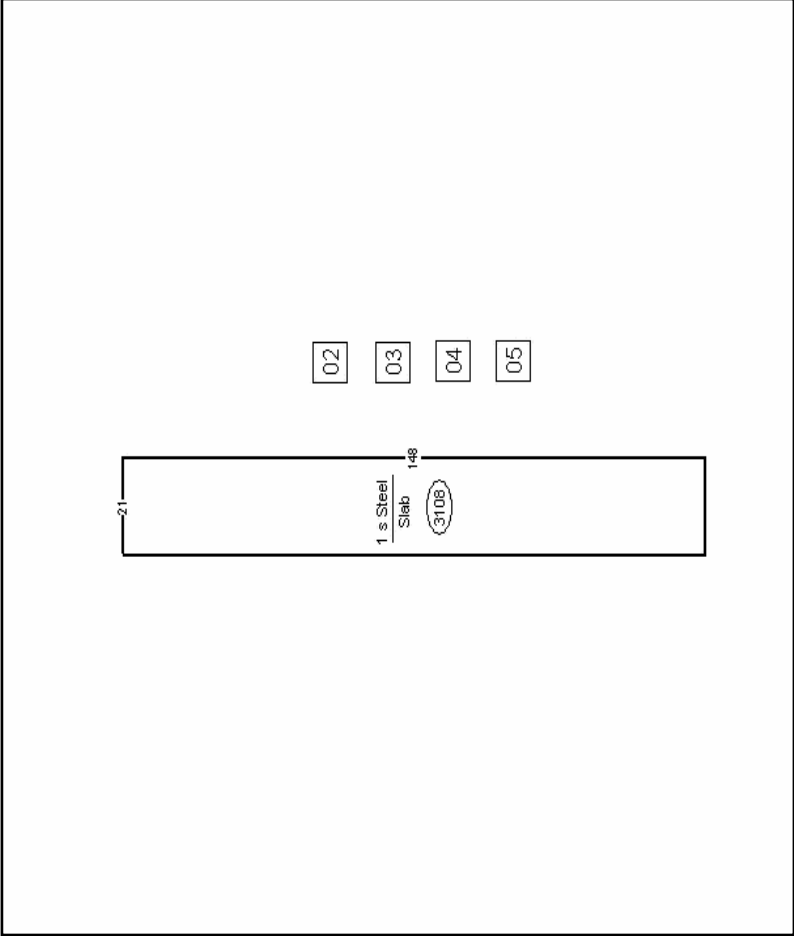
Permit Number Date



**Print Date** 2/18/2019  
**Property Address** 501 Wood St  
**Account Number** 50000587  
**GPIN** 1437166990



**Photo/Sketch**



Print Date 2/18/2019

Property Address 450 Saint Pauls Blvd

Account Number 31369407

GPIN 1437161984

## Property Detail

Parent Account City Of Norfolk

Owner Name 200690

Neighborhood Non-Taxable

Property Use 0752

Plate 810 Union St Rm 900

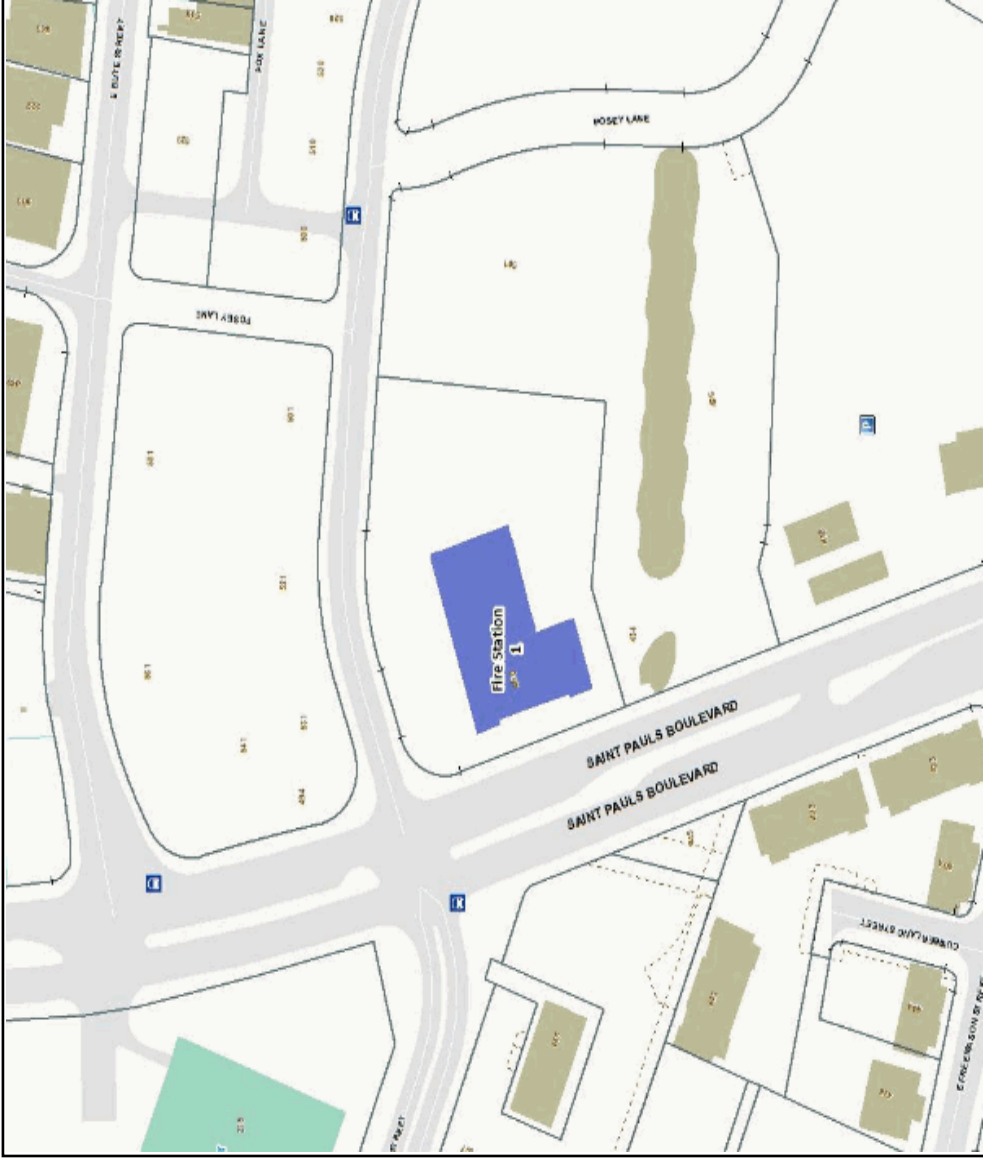
Mailing Address Norfolk VA 23510-2717

Parcel Approximate Area (Sq Ft) 118,452

Parcel Approximate Acreage 2.7193

House Plate Number 8

Legal Description Pt Parcel C 1.804ac



**Print Date** 2/18/2019  
**Property Address** 450 Saint Pauls Blvd  
**Account Number** 31369407  
**GPIN** 1437161984



## Sales/Assessments

<b><u>Owner</u></b>	<b><u>Transfer Date</u></b>	<b><u>Sales Price</u></b>	<b><u>Type</u></b>	<b><u>Deed Reference</u></b>
City Of Norfolk	5/1/1996	\$	NA	2796 / 592
			NA	NA
			NA	NA

<b><u>Effective Date</u></b>	<b><u>Land Value</u></b>	<b><u>Improvement Value</u></b>	<b><u>Total Value</u></b>
07/01/2018	\$1,571,600	\$4,772,100	\$6,343,700
07/01/2017	\$3,929,100	\$4,772,100	\$8,701,200
07/01/2016	\$3,929,100	\$3,962,600	\$7,891,700
07/01/2015	\$3,929,100	\$3,962,600	\$7,891,700
07/01/2014	\$3,929,100	\$3,962,600	\$7,891,700

Print Date 2/18/2019

Property Address 450 Saint Pauls Blvd

Account Number 31369407

GPIN 1437161984

## Building Description

<u>Year Built</u>	1996
<u>Construction Quality</u>	Good
<u>Number of Floors</u>	2
<u>Total Building Area (Sq Ft.)</u>	26,112
<u>HVAC</u>	Warmed and Cooled Air
<u>Framing</u>	
<u>Framing Class</u>	Reinforced Concrete
<u>Sprinkler</u>	Full Sprinkler System
<u>Paving</u>	No
<u>Paving (Sq Ft.)</u>	



Print Date 2/18/2019  
Property Address 450 Saint Pauls Blvd  
Account Number 31369407  
GPIN 1437161984



## Zoning

Historic District Name NA  
Historic District Type NA  
Character District Downtown  
Chesapeake Bay Resource Protection Area No  
Chesapeake Bay Intensely Developed Area No

Zoning C-R  
Overlay Districts Coastal Resilience Overlay  
Conditional Zones  
Special Exceptions



Print Date 2/18/2019

Property Address 450 Saint Pauls Blvd

Account Number 31369407

GPIN 1437161984

## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

X (Low to Moderate)

X (Shaded)



Print Date 2/18/2019  
Property Address 450 Saint Pauls Blvd  
Account Number 31369407  
GPIN 1437161984



## Building Permits

\*only up to the 20 most recent permits are provided

### ACTIVE PERMITS

Permit Number      Date

### HISTORIC PERMITS

Permit Number      Date  
1600200183      6/7/2016  
E18-01601      8/10/2018

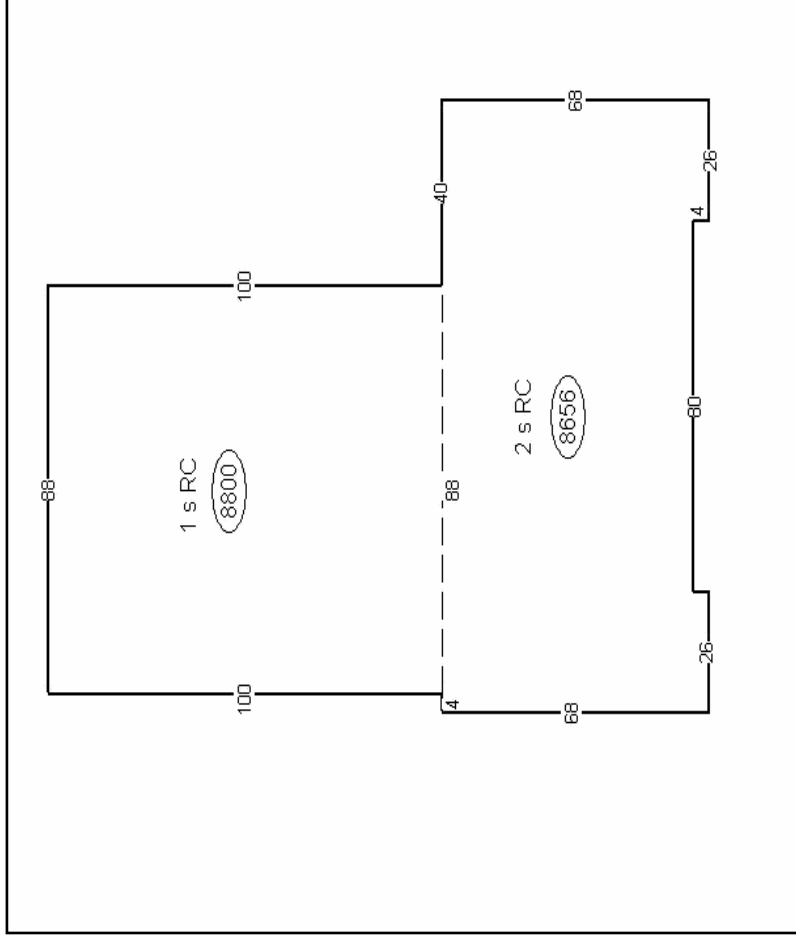
**Print Date** 2/18/2019  
**Property Address** 450 Saint Pauls Blvd  
**Account Number** 31369407  
**GPIN** 1437161984



**Photo/Sketch**



31369407 06/17/2007



Print Date 2/18/2019

Property Address 450 Posey La

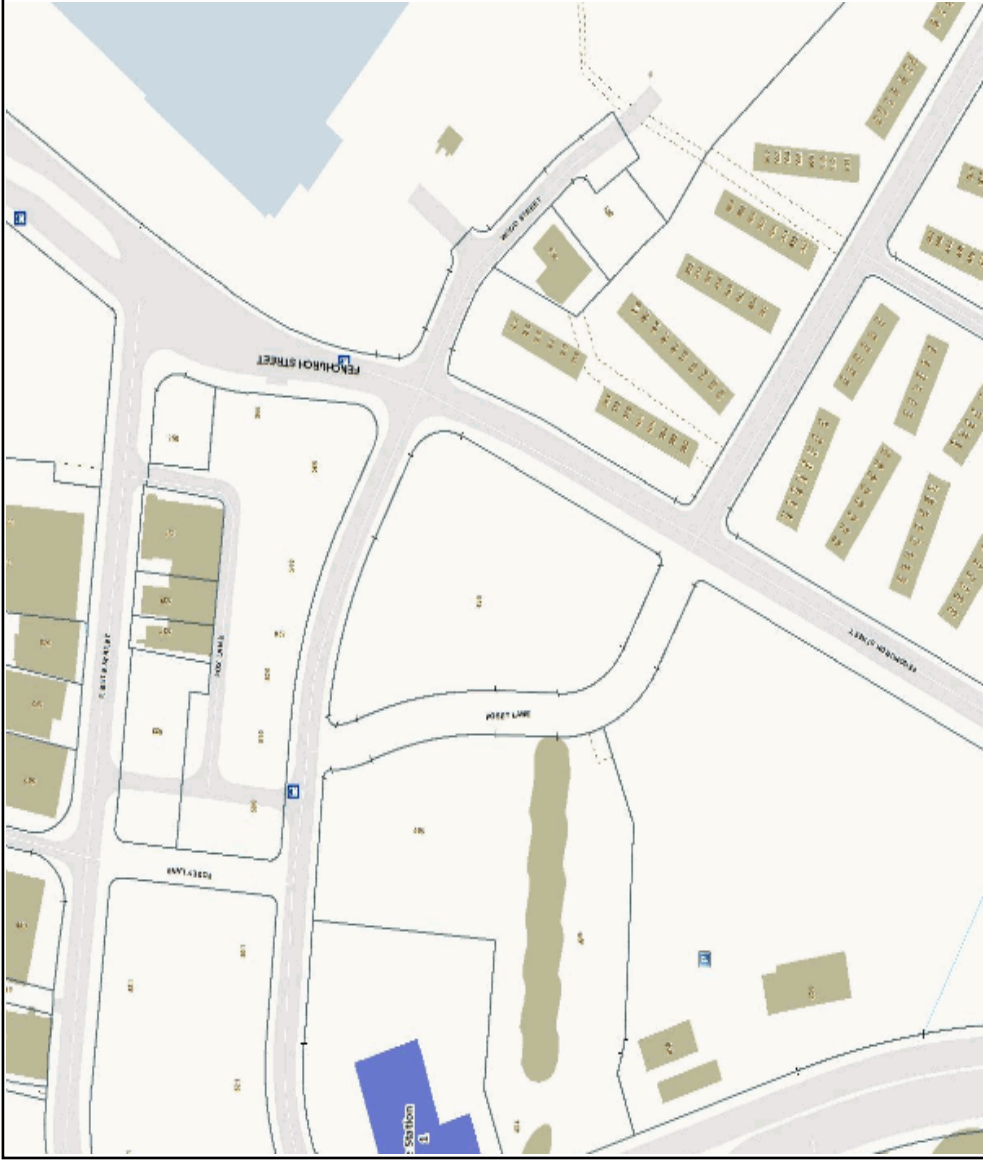
Account Number 50000588

GPIN 1437164911

## Property Detail

Parent Account 31369405  
Owner Name City Of Norfolk  
Neighborhood 200690  
Property Use Non-Taxable  
Plate 0752  
Mailing Address 810 Union St Rm 900  
 Norfolk VA 23510-2717

Parcel Approximate Area (Sq Ft) 91,046  
Parcel Approximate Acreage 2.0901  
House Plate Number 8  
Legal Description Parcel C-2, 2.0901 Ac



Print Date 2/18/2019  
Property Address 450 Posey La  
Account Number 50000588  
GPIN 1437164911



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$ 591,800	\$ 591,800	\$ 591,800
07/01/2017	\$ 1,365,700	\$ 1,365,700	\$ 1,365,700
07/01/2016	\$ 1,365,700	\$ 1,365,700	\$ 1,365,700
07/01/2015	\$ 1,365,700	\$ 1,365,700	\$ 1,365,700
	\$0.00	\$0.00	\$0.00

Print Date 2/18/2019  
Property Address 450 Posey La  
Account Number 50000588  
GPIN 1437164911



## Building Description

Year Built  
Construction Quality No Info  
Number of Floors  
Total Building Area (Sq Ft.) 0.00  
HVAC  
Framing  
Framing Class  
Sprinkler  
Paving No  
Paving (Sq Ft.)

Print Date 2/18/2019

Property Address 450 Posey La

Account Number 50000588

GPIN 1437164911

## Zoning

Historic District Name NA

Historic District Type NA

Character District Downtown

Chesapeake Bay Resource No

Protection Area

Chesapeake Bay Intensely No

Developed Area

Zoning

C-R

Overlay Districts

Coastal Resilience Overlay

Conditional Zones

Special Exceptions



Print Date 2/18/2019  
Property Address 450 Posey La  
Account Number 50000588  
GPIN 1437164911



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone Base Elevation

AE (High Risk) 8

X (Shaded)



Print Date 2/18/2019

Property Address 450 Walke St

Account Number 72796410

GPIN 1437245994

## Property Detail

Parent Account

Owner Name

Neighborhood

Property Use

Plate

Mailing Address

Parcel Approximate Area  
(Sq Ft)

Parcel Approximate

Acreage

House Plate Number

Legal Description

Nirha

200690

Non-Taxable

0743

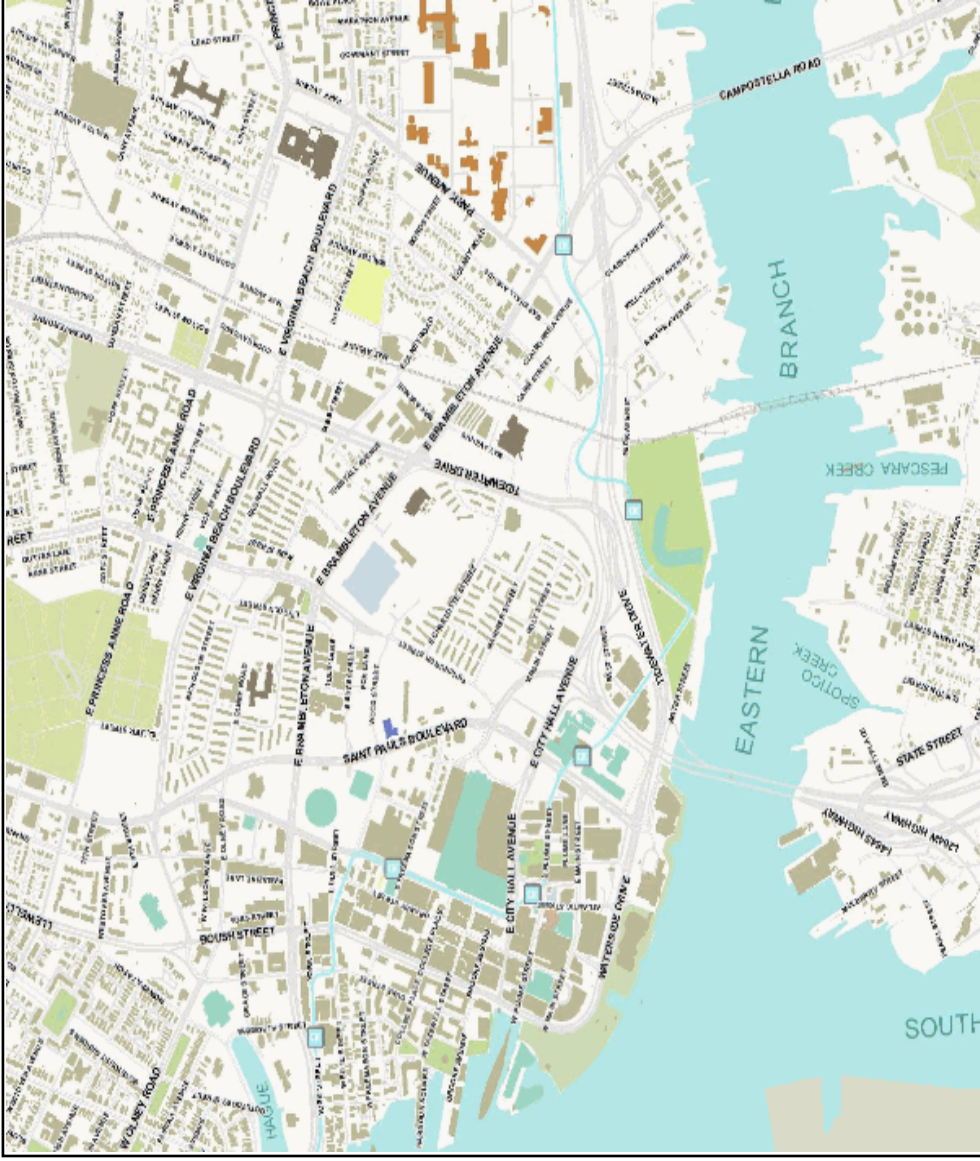
Po Box 968 Norfolk VA  
23501-0968

954,131

21.9039

5

Bkls A,B,C,H,I,J & Pt G Tdwtr  
PK



**Print Date** 2/18/2019  
**Property Address** 450 Walke St  
**Account Number** 72796410  
**GPIN** 1437245994



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
N R & H A	11/11/1911	\$	NA	9999 / 9999
			NA	NA
			NA	NA

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$3,434,900	\$13,500,000	\$16,934,900
07/01/2017	\$3,053,200	\$13,500,000	\$16,553,200
07/01/2016	\$3,053,200	\$13,500,000	\$16,553,200
07/01/2015	\$3,053,200	\$13,500,000	\$16,553,200
07/01/2014	\$3,053,200	\$13,500,000	\$16,553,200

Print Date 2/18/2019  
Property Address 450 Walke St  
Account Number 72796410  
GPIN 1437245994



## Building Description

Year Built  
Construction Quality No Info  
Number of Floors  
Total Building Area (Sq Ft.) 0.00  
HVAC  
Framing  
Framing Class  
Sprinkler  
Paving No  
Paving (Sq Ft.)

Print Date 2/18/2019

Property Address 450 Walke St

Account Number 72796410

GPIN 1437245994

## Zoning

Historic District Name NA

Historic District Type NA

Character District Traditional

Chesapeake Bay Resource No

Protection Area

Chesapeake Bay Intensely No

Developed Area

Zoning

MF-NS

Overlay Districts

Coastal Resilience Overlay

Conditional Zones

Special Exceptions



Print Date 2/18/2019  
Property Address 450 Walke St  
Account Number 72796410  
GPIN 1437245994



## Flood Zones

Flood Panel 5101040057H

Flood Quad 36076-G3

Flood Zone Base Elevation

AE (High Risk) 8

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019  
Property Address 450 Walke St  
Account Number 72796410  
GPIN 1437245994



## Building Permits

\*only up to the 20 most recent permits are provided

### ACTIVE PERMITS

Permit Number      Date

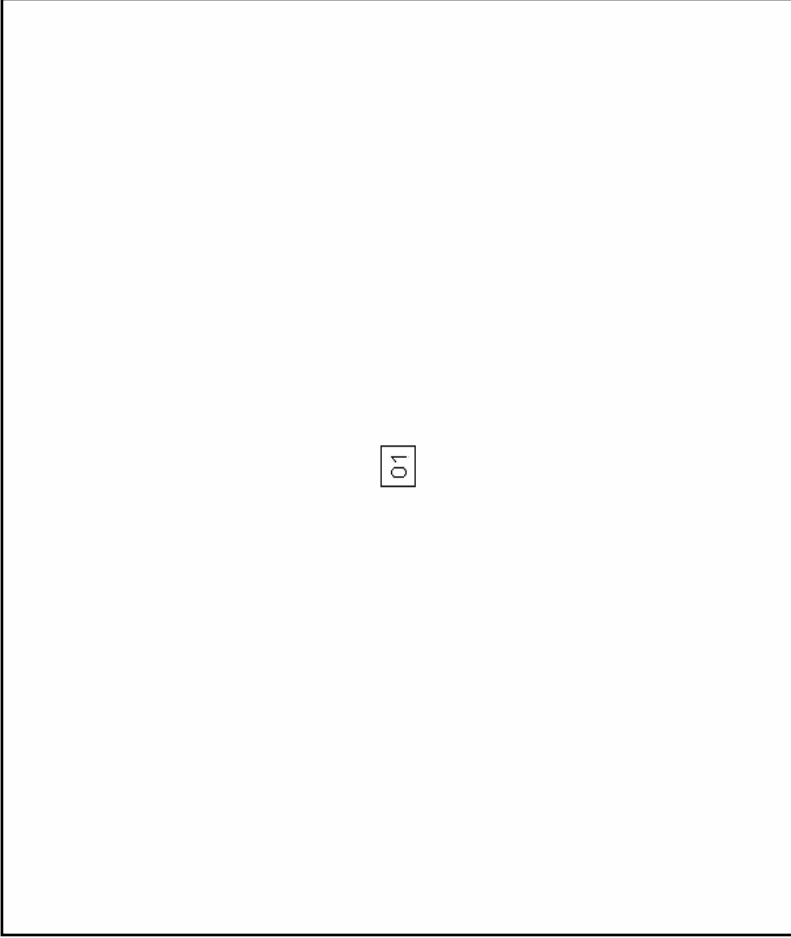
### HISTORIC PERMITS

<u>Permit Number</u>	<u>Date</u>
1500004142	8/19/2015
1500004143	8/19/2015
1500004144	8/19/2015
1500004145	8/19/2015
1500004146	8/19/2015
1600001612	3/2/2016
1600002622	4/7/2016
1600002623	4/7/2016
1600002625	4/7/2016
1600002626	4/7/2016
1600002627	4/7/2016
1600002628	4/7/2016
1600002629	4/7/2016
1600002630	4/7/2016
1600002631	4/7/2016
1600002632	4/7/2016
1600002633	4/7/2016
1600002634	4/7/2016
1600002637	4/7/2016
1600002638	4/7/2016

**Print Date** 2/18/2019  
**Property Address** 450 Walke St  
**Account Number** 72796410  
**GPIN** 1437245994



**Photo/Sketch**



Print Date 2/18/2019

Property Address 317 Chapel St

Account Number 82911000

GPIN 1437156903

## Property Detail

Parent Account

Owner Name City Of Norfolk

Neighborhood 200690

Property Use Non-Taxable

Plate 0736

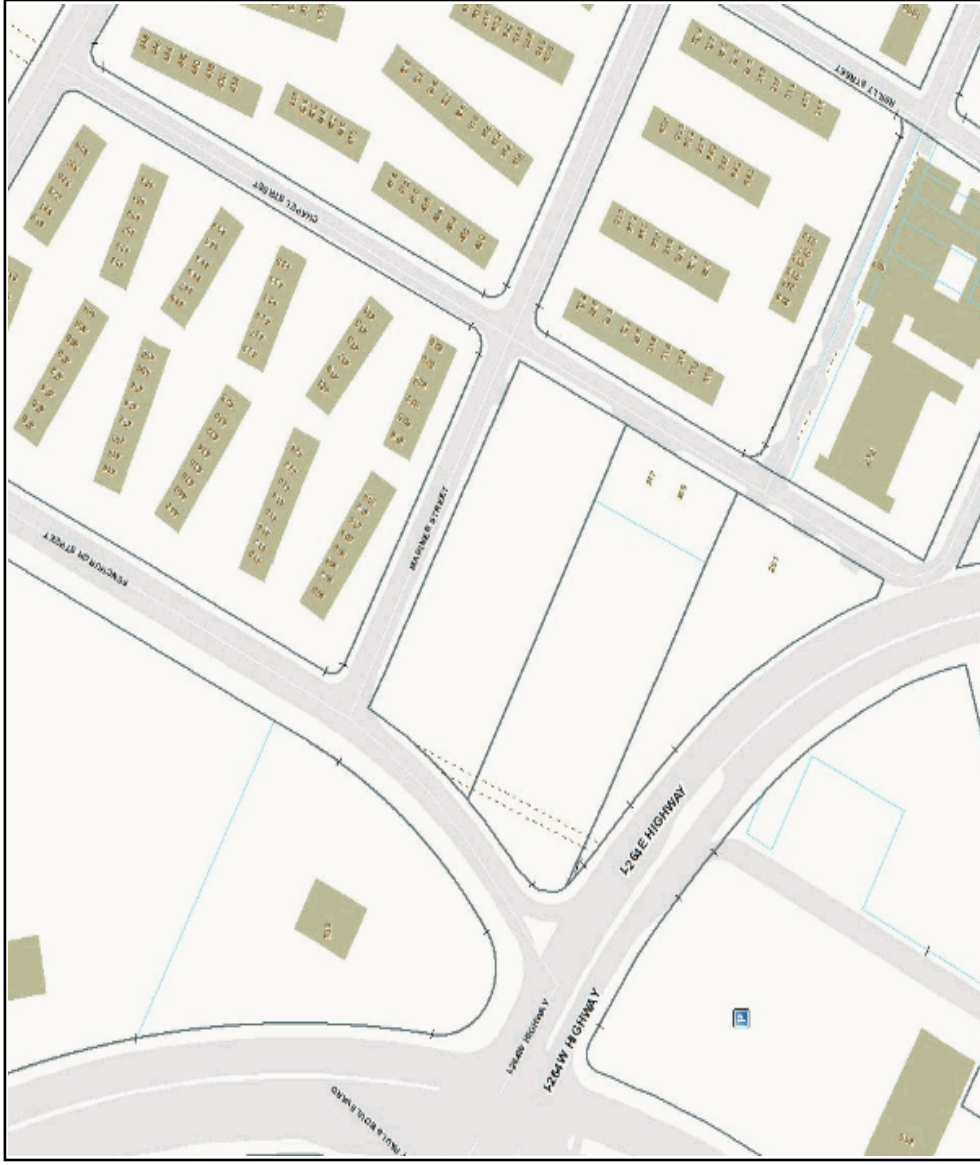
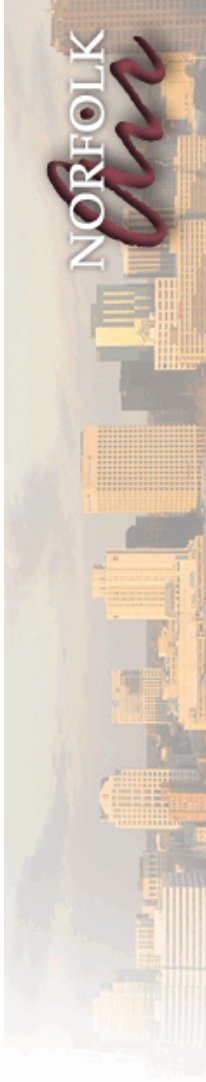
Mailing Address 810 Union St Rm 900  
Norfolk VA 23510-2717

Parcel Approximate Area  
(Sq Ft) 46,364

Parcel Approximate  
Acreage 1.0644

House Plate Number 8

Legal Description 338 Ft 805-821 Mariner St  
&





**Print Date** 2/18/2019  
**Property Address** 317 Chapel St  
**Account Number** 82911000  
**GPIN** 1437156903



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
City Of Norfolk	2/5/2008	\$3,000,000	Multi	080003853
Bishop Of The Diocese Of Richmond	3/2/2005	\$750,000	Transfer	050010839
St Marys Female Academy & Orphan	11/11/1911	\$		9999 / 9999

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$208,600	\$	\$208,600
07/01/2017	\$185,500	\$	\$185,500
07/01/2016	\$185,500	\$	\$185,500
07/01/2015	\$185,500	\$	\$185,500
07/01/2014	\$185,500	\$	\$185,500

Print Date 2/18/2019

Property Address 317 Chapel St

Account Number 82911000

GPIN 1437156903

## Zoning

Historic District Name NA

Historic District Type NA

Character District Traditional

Chesapeake Bay Resource No

Protection Area

Chesapeake Bay Intensely No

Developed Area

Zoning

IN

Overlay Districts

Coastal Resilience Overlay

Conditional Zones

Special Exceptions



Print Date 2/18/2019  
Property Address 317 Chapel St  
Account Number 82911000  
GPIN 1437156903



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019  
Property Address 830 Holt St  
Account Number 82914600  
GPIN 1437155832



## Property Detail

Parent Account City Of Norfolk  
Owner Name 200690  
Neighborhood Non-Taxable  
Property Use 0736  
Plate 810 Union St Rm 900  
Mailing Address Norfolk VA 23510-2717  
  
Parcel Approximate Area (Sq Ft) 52,281  
Parcel Approximate Acreage 1.2003  
House Plate Number 8  
Legal Description 54.3 Ft & Parcel 46



Print Date 2/18/2019  
Property Address 830 Holt St  
Account Number 82914600  
GPIN 1437155832



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
City Of Norfolk	2/5/2008	\$3,000,000	Transfer	080003853
Bishop Of The Diocese Of Richmond	3/2/2005	\$750,000	Multi	050010839
St. Marys Home, Incorporated	1/22/1964	\$		964 / 541

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$235,300	\$	\$235,300
07/01/2017	\$209,100	\$	\$209,100
07/01/2016	\$209,100	\$	\$209,100
07/01/2015	\$209,100	\$	\$209,100
07/01/2014	\$209,100	\$	\$209,100

Print Date 2/18/2019  
Property Address 830 Holt St  
Account Number 82914600  
GPIN 1437155832



## Zoning

Historic District Name NA  
Historic District Type NA  
Character District Traditional  
Chesapeake Bay Resource Protection Area No  
Chesapeake Bay Intensely Developed Area No

Zoning IN

Overlay Districts Coastal Resilience Overlay  
Conditional Zones  
Special Exceptions

Print Date 2/18/2019  
Property Address 830 Holt St  
Account Number 82914600  
GPIN 1437155832



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

X (Low to Moderate)

X (Shaded)

Print Date 2/18/2019

Property Address 201 Chapel St

Account Number 72711812

GPIN 1437155619

## Property Detail

Parent Account

Owner Name City Of Norfolk

Neighborhood 200690

Property Use Non-Taxable

Plate 0736

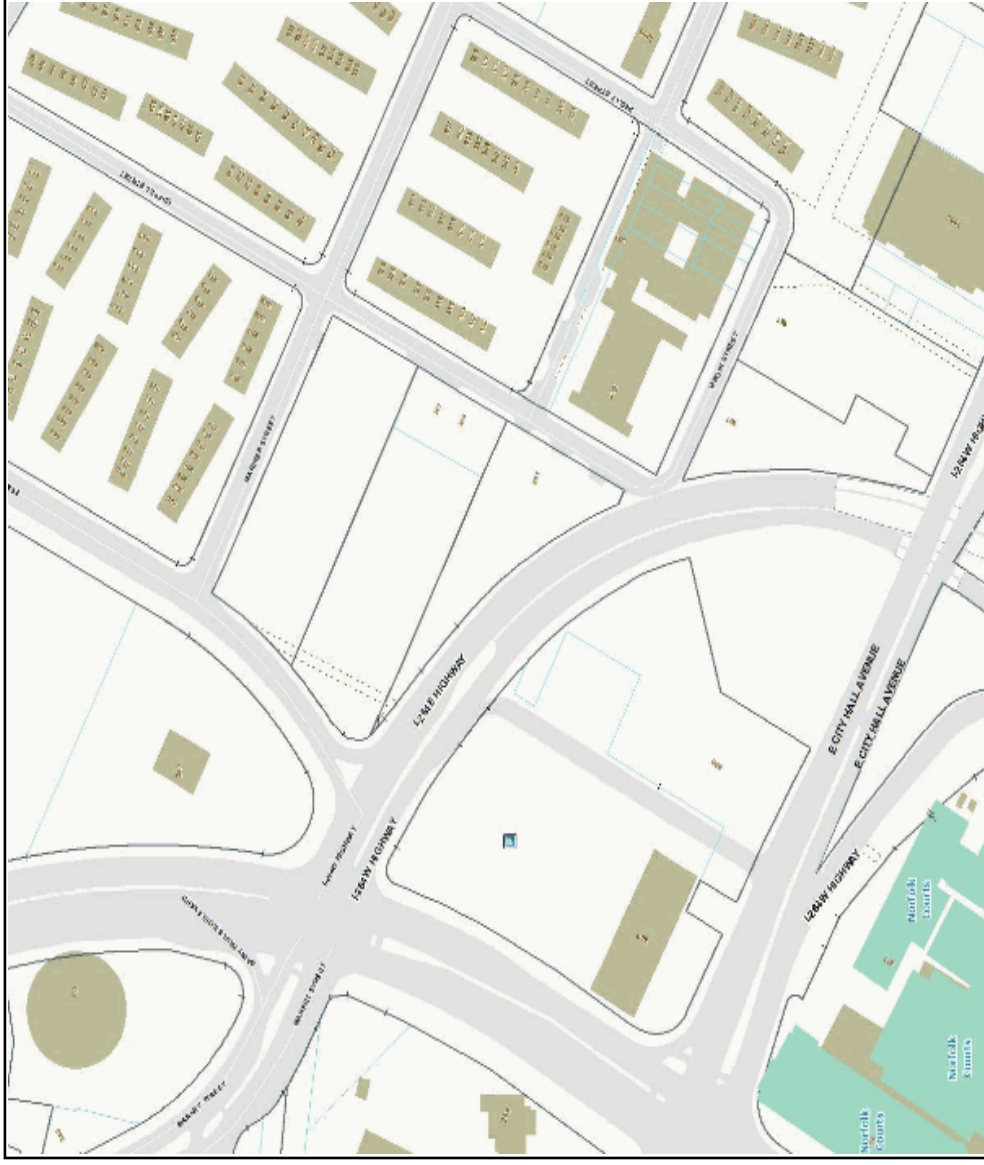
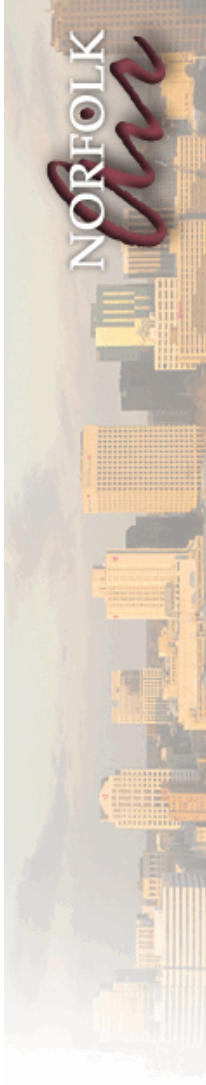
Mailing Address 810 Union St Rm 900  
Norfolk VA 23510-2717

Parcel Approximate Area  
(Sq Ft) 28,609

Parcel Approximate  
Acreage 0.6568

House Plate Number 8

Legal Description Parcel 48





**Print Date** 2/18/2019  
**Property Address** 201 Chapel St  
**Account Number** 72711812  
**GPIN** 1437155619



## Sales/Assessments

<u>Owner</u>	<u>Transfer Date</u>	<u>Sales Price</u>	<u>Type</u>	<u>Deed Reference</u>
City Of Norfolk	2/5/2008	\$3,000,000	Transfer	080003853
Bishop Of The Diocese Of Richmond	3/2/2005	\$750,000	Transfer	050010839
St Mary's Infant Home Inc	10/8/1991	\$25,700		2357 / 816

<u>Effective Date</u>	<u>Land Value</u>	<u>Improvement Value</u>	<u>Total Value</u>
07/01/2018	\$128,700	\$	\$128,700
07/01/2017	\$114,400	\$	\$114,400
07/01/2016	\$114,400	\$	\$114,400
07/01/2015	\$114,400	\$	\$114,400
07/01/2014	\$114,400	\$	\$114,400

Print Date 2/18/2019

Property Address 201 Chapel St

Account Number 72711812

GPIN 1437155619

## Zoning

Historic District Name NA

Historic District Type NA

Character District Traditional

Chesapeake Bay Resource No

Protection Area

Chesapeake Bay Intensely No

Developed Area

Zoning

IN

Overlay Districts

Coastal Resilience Overlay

Conditional Zones

Special Exceptions



Print Date 2/18/2019  
Property Address 201 Chapel St  
Account Number 72711812  
GPIN 1437155619



## Flood Zones

Flood Panel 5101040056H

Flood Quad 36076-G3

Flood Zone **Base Elevation**

X (Low to Moderate)

X (Shaded)



**St. Pauls Blvd. Transit Site**

300 St Pauls Blvd

Norfolk, VA 23510

Inquiry Number: 5565099.8

February 19, 2019

## The EDR Aerial Photo Decade Package



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

# EDR Aerial Photo Decade Package

02/19/19

**Site Name:**

St. Pauls Blvd. Transit Site  
300 St Pauls Blvd  
Norfolk, VA 23510  
EDR Inquiry # 5565099.8

**Client Name:**

SCS Engineers  
11260 Roger Bacon Drive  
Reston, VA 20190  
Contact: Alexis Holcomb



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

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: March 22, 1994	USGS/DOQQ
1982	1"=500'	Flight Date: April 01, 1982	USDA
1970	1"=500'	Flight Date: September 24, 1970	USGS
1963	1"=500'	Flight Date: March 30, 1963	USGS
1961	1"=500'	Flight Date: September 21, 1961	USGS
1959	1"=1000'	Flight Date: December 08, 1959	USGS
1954	1"=500'	Flight Date: October 11, 1954	USDA

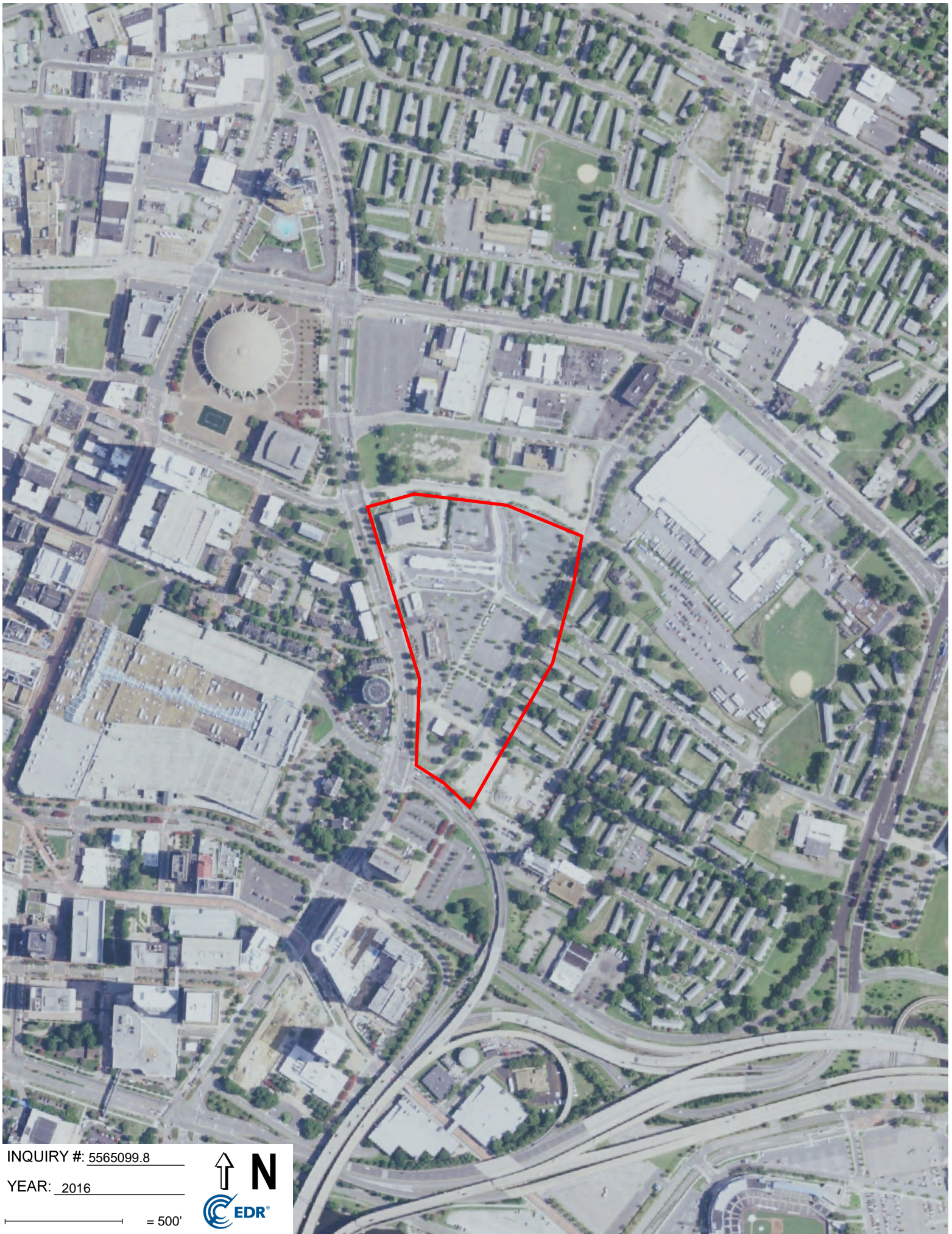
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INQUIRY #: 5565099.8

YEAR: 2016

— = 500'





INQUIRY #: 5565099.8

YEAR: 2012

— = 500'





INQUIRY #: 5565099.8

YEAR: 2009

— = 500'







INQUIRY #: 5565099.8

YEAR: 2005

— = 500'





INQUIRY #: 5565099.8

YEAR: 1994

— = 500'





INQUIRY #: 5565099.8

YEAR: 1982

— = 500'





INQUIRY #: 5565099.8

YEAR: 1970

— = 500'



- 63 -

INQUIRY #: 5565099.8

YEAR: 1963

— = 500'



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



INQUIRY #: 5565099.8

YEAR: 1961

 = 500'





INQUIRY #: 5565099.8

YEAR: 1959

— = 1000'



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



INQUIRY #: 5565099.8

YEAR: 1954

— = 500'





St. Pauls Blvd. Transit Site

300 St Pauls Blvd

Norfolk, VA 23510

Inquiry Number: 5565099.4

February 19, 2019

# EDR Historical Topo Map Report

with QuadMatch™



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

# EDR Historical Topo Map Report

02/19/19

**Site Name:**

St. Pauls Blvd. Transit Site  
300 St Pauls Blvd  
Norfolk, VA 23510  
EDR Inquiry # 5565099.4

**Client Name:**

SCS Engineers  
11260 Roger Bacon Drive  
Reston, VA 20190  
Contact: Alexis Holcomb



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by SCS Engineers were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	02-RE03535-10	<b>Latitude:</b>	36.850262 36° 51' 1" North
<b>Project:</b>	02218113.02 St Pauls Transit	<b>Longitude:</b>	-76.283487 -76° 17' 1" West
		<b>UTM Zone:</b>	Zone 18 North
		<b>UTM X Meters:</b>	385574.12
		<b>UTM Y Meters:</b>	4079030.36
		<b>Elevation:</b>	10.17' above sea level

**Maps Provided:**

2013	1948
1994	1944
1986	1921
1980	1907
1973	1902
1970	
1965	
1955	

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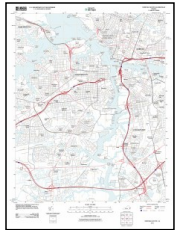
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## **Topo Sheet Key**

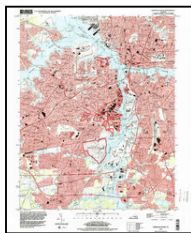
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2013 Source Sheets**



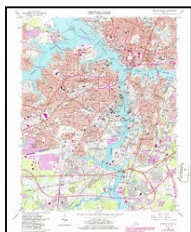
Norfolk South  
2013  
7.5-minute, 24000

### **1994 Source Sheets**



Norfolk South  
1994  
7.5-minute, 24000  
Aerial Photo Revised 1994

### **1986 Source Sheets**



Norfolk South  
1986  
7.5-minute, 24000  
Aerial Photo Revised 1982

### **1980 Source Sheets**



Norfolk South  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1978

## **Topo Sheet Key**

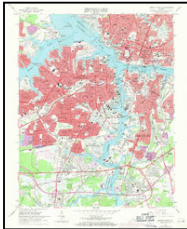
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1973 Source Sheets**



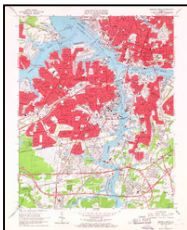
Norfolk South  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1970

### **1970 Source Sheets**



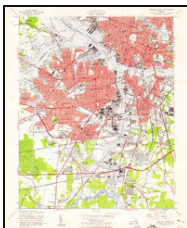
Norfolk South  
1970  
7.5-minute, 24000  
Aerial Photo Revised 1970

### **1965 Source Sheets**



Norfolk South  
1965  
7.5-minute, 24000  
Aerial Photo Revised 1963

### **1955 Source Sheets**



Norfolk South  
1955  
7.5-minute, 24000  
Aerial Photo Revised 1952

## **Topo Sheet Key**

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

### **1948 Source Sheets**



Norfolk South  
1948  
7.5-minute, 24000  
Aerial Photo Revised 1942

### **1944 Source Sheets**



Norfolk South  
1944  
7.5-minute, 25000  
Aerial Photo Revised 1942

### **1921 Source Sheets**



Newport News  
1921  
15-minute, 62500

### **1907 Source Sheets**



Norfolk  
1907  
30-minute, 125000

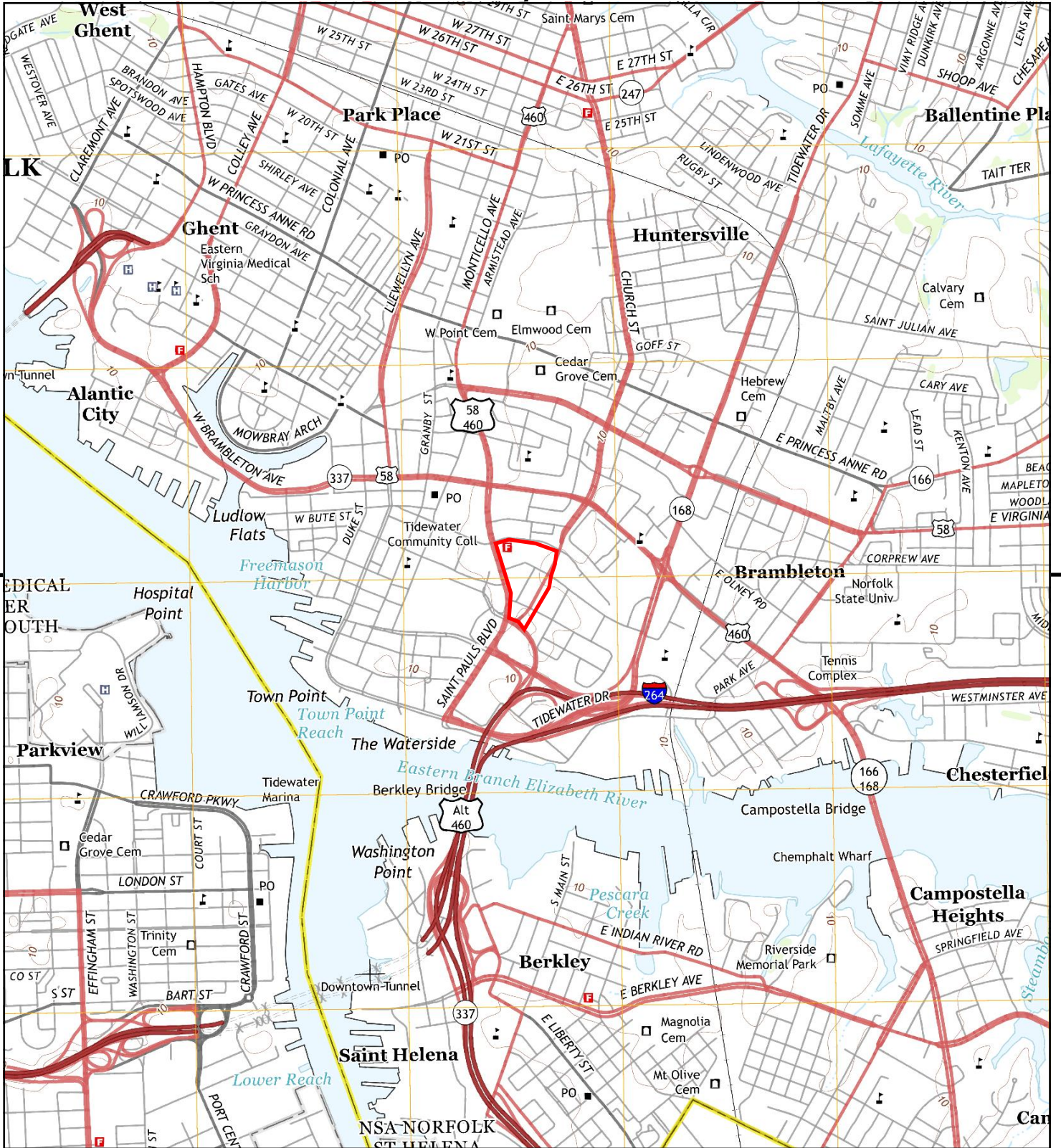
## ***Topo Sheet Key***

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

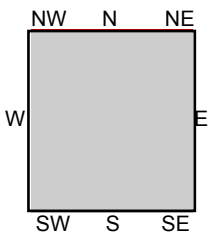
### **1902 Source Sheets**



Norfolk  
1902  
30-minute, 125000



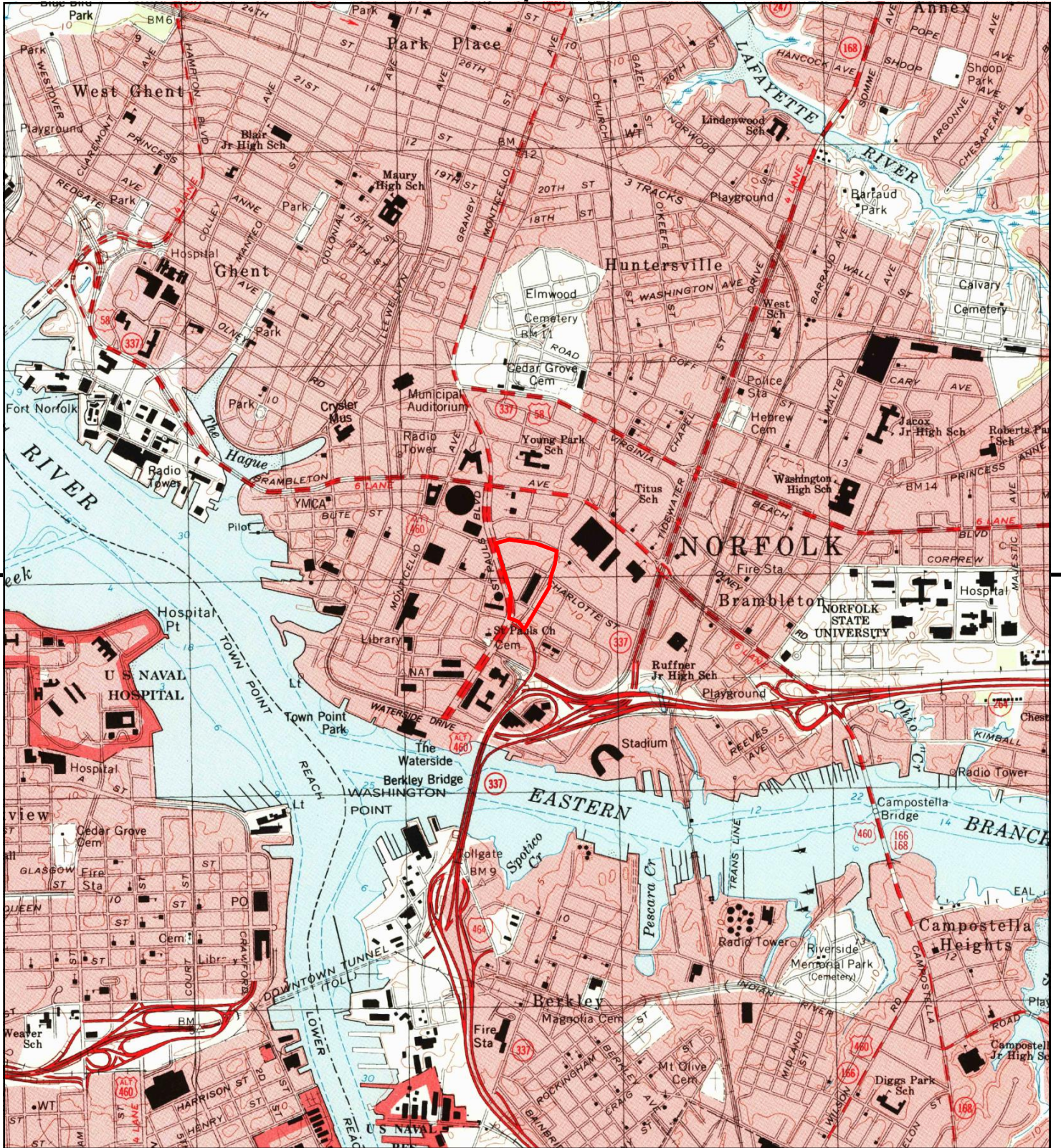
This report includes information from the following map sheet(s).



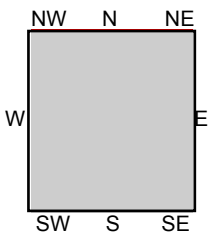
TP, Norfolk South, 2013, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





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

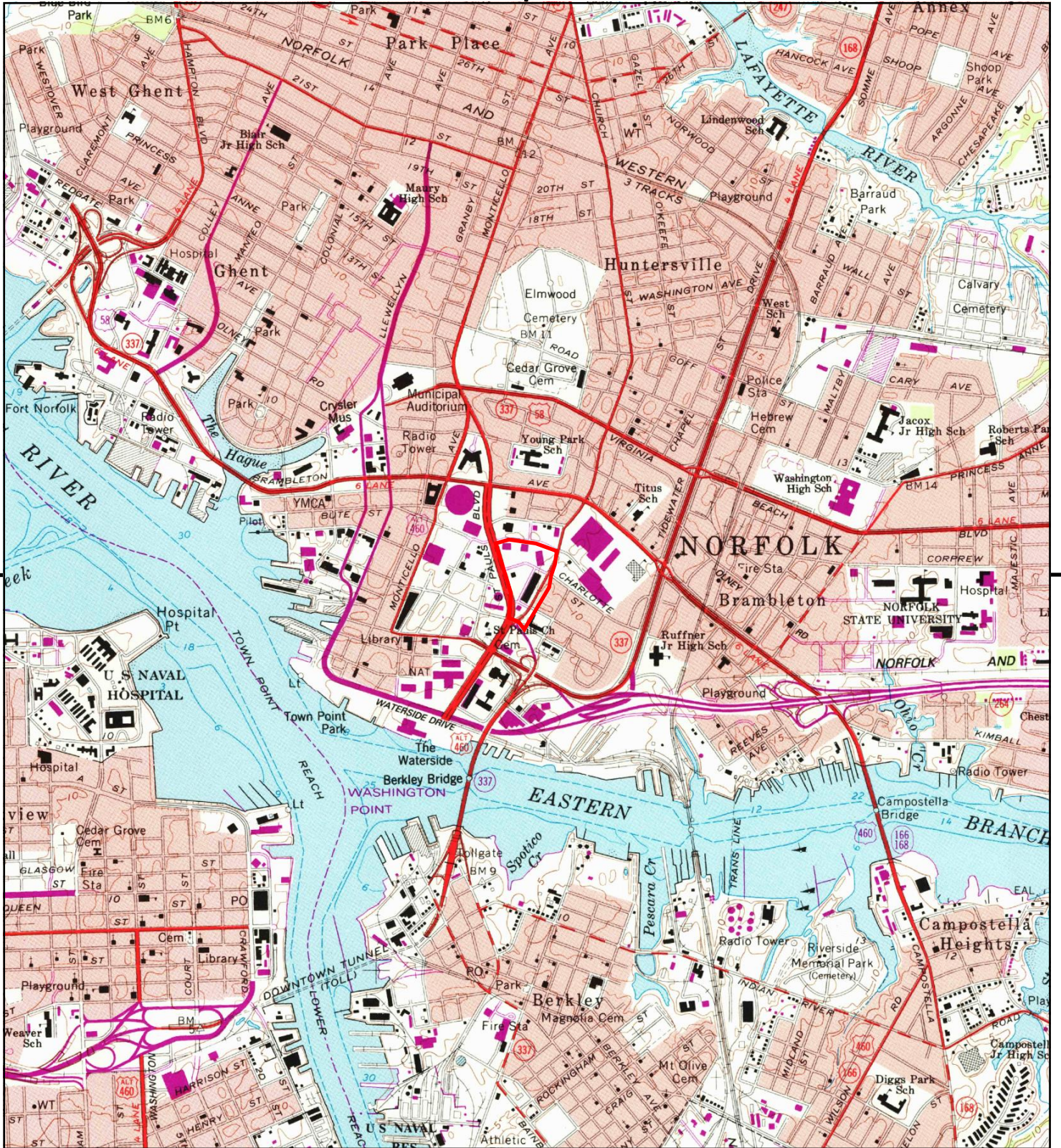


TP, Norfolk South, 1994, 7.5-minute

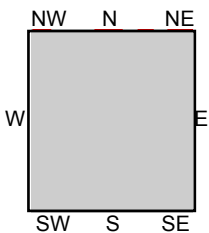
SITE NAME: St. Pauls Blvd. Transit Site  
 ADDRESS: 300 St Pauls Blvd  
 Norfolk, VA 23510  
 CLIENT: SCS Engineers







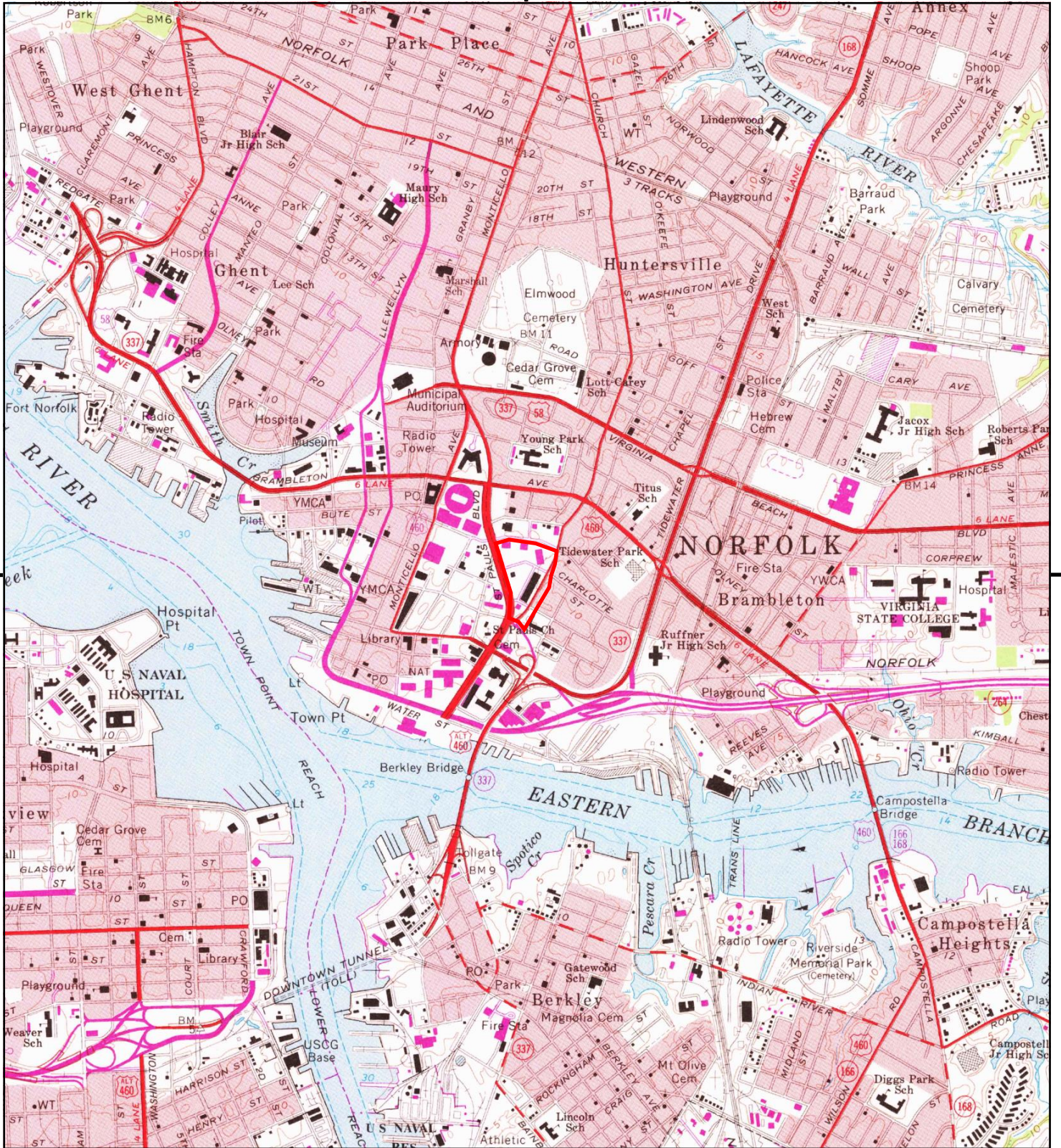
This report includes information from the following map sheet(s).



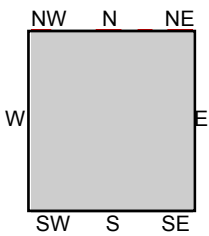
TP, Norfolk South, 1986, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





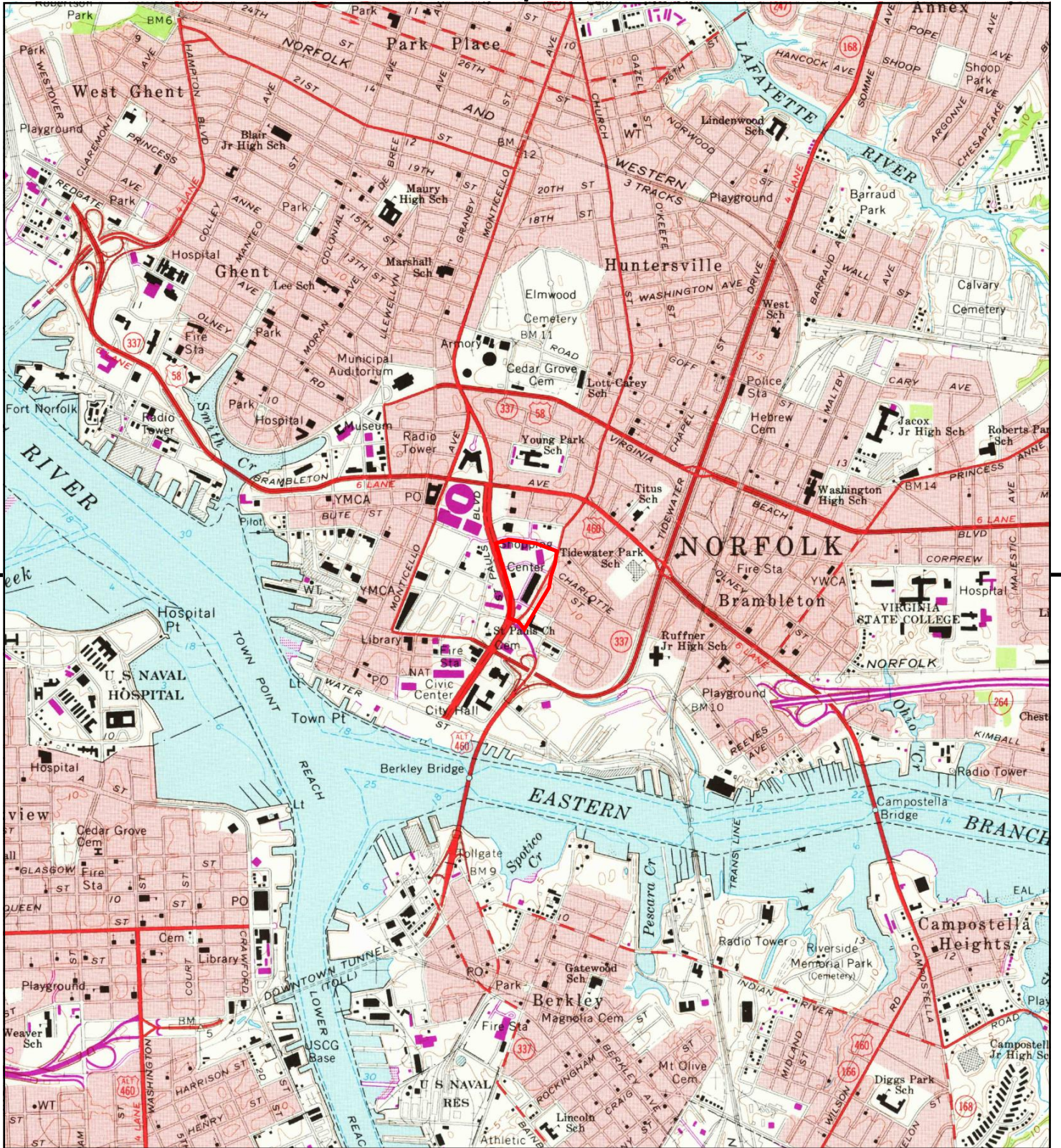
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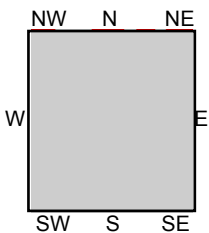
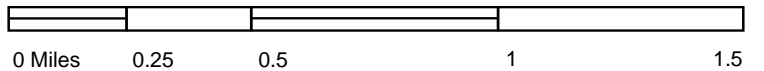
TP, Norfolk South, 1980, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





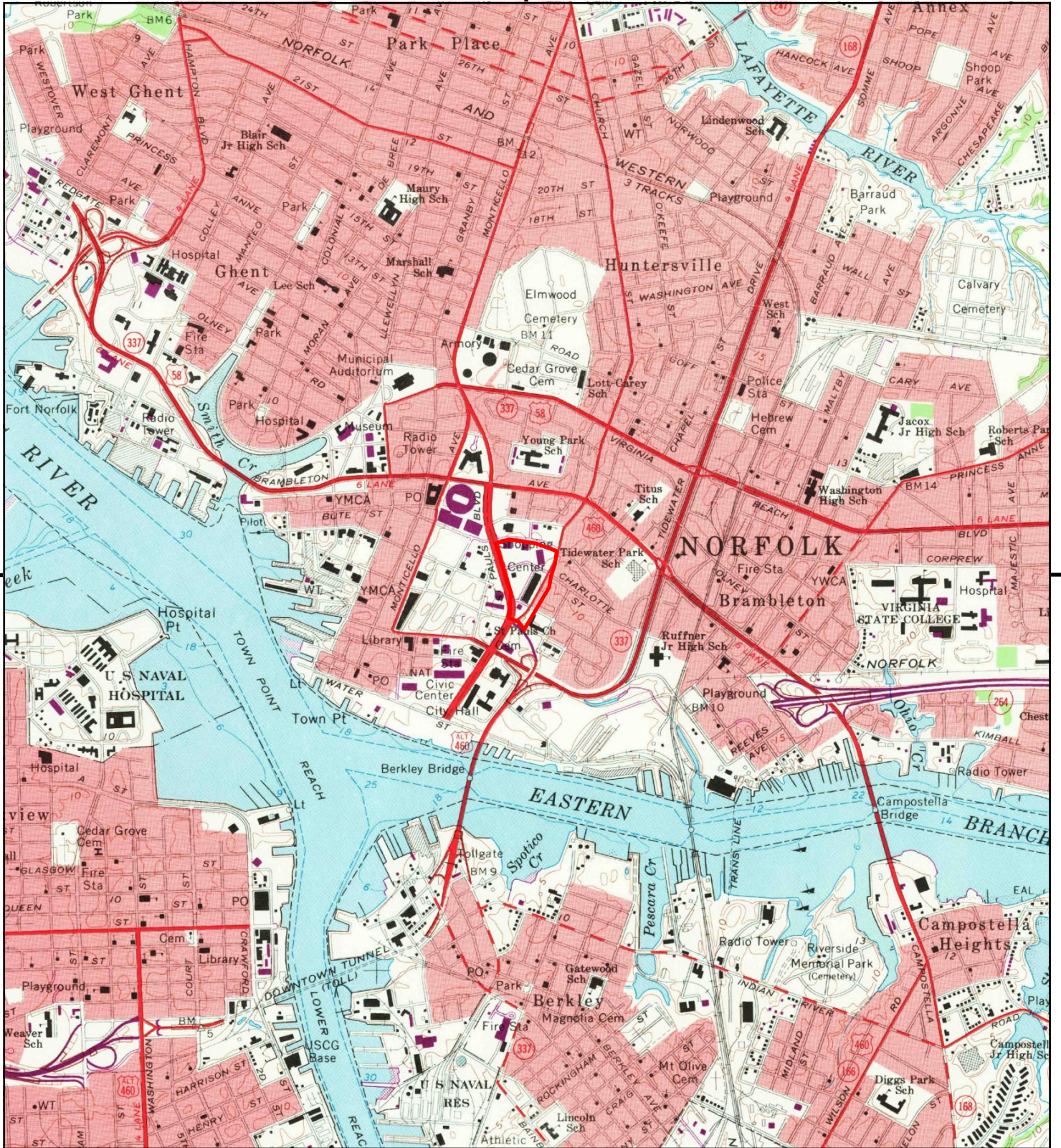
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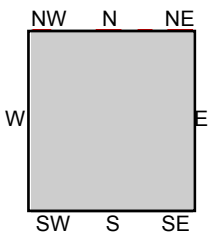
TP, Norfolk South, 1973, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





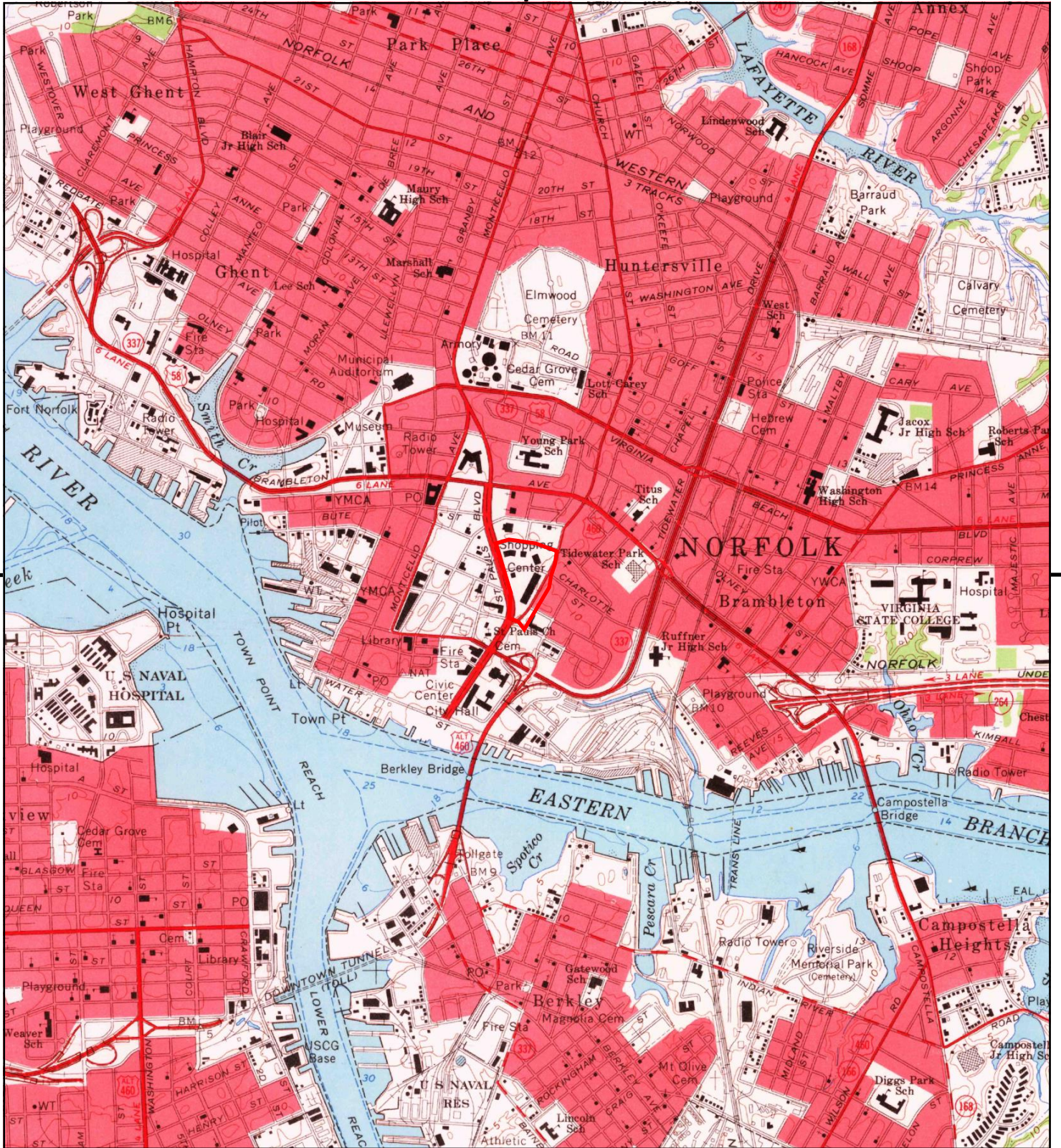
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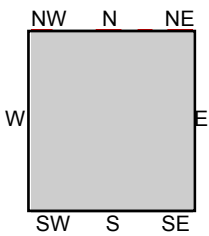
TP, Norfolk South, 1970, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





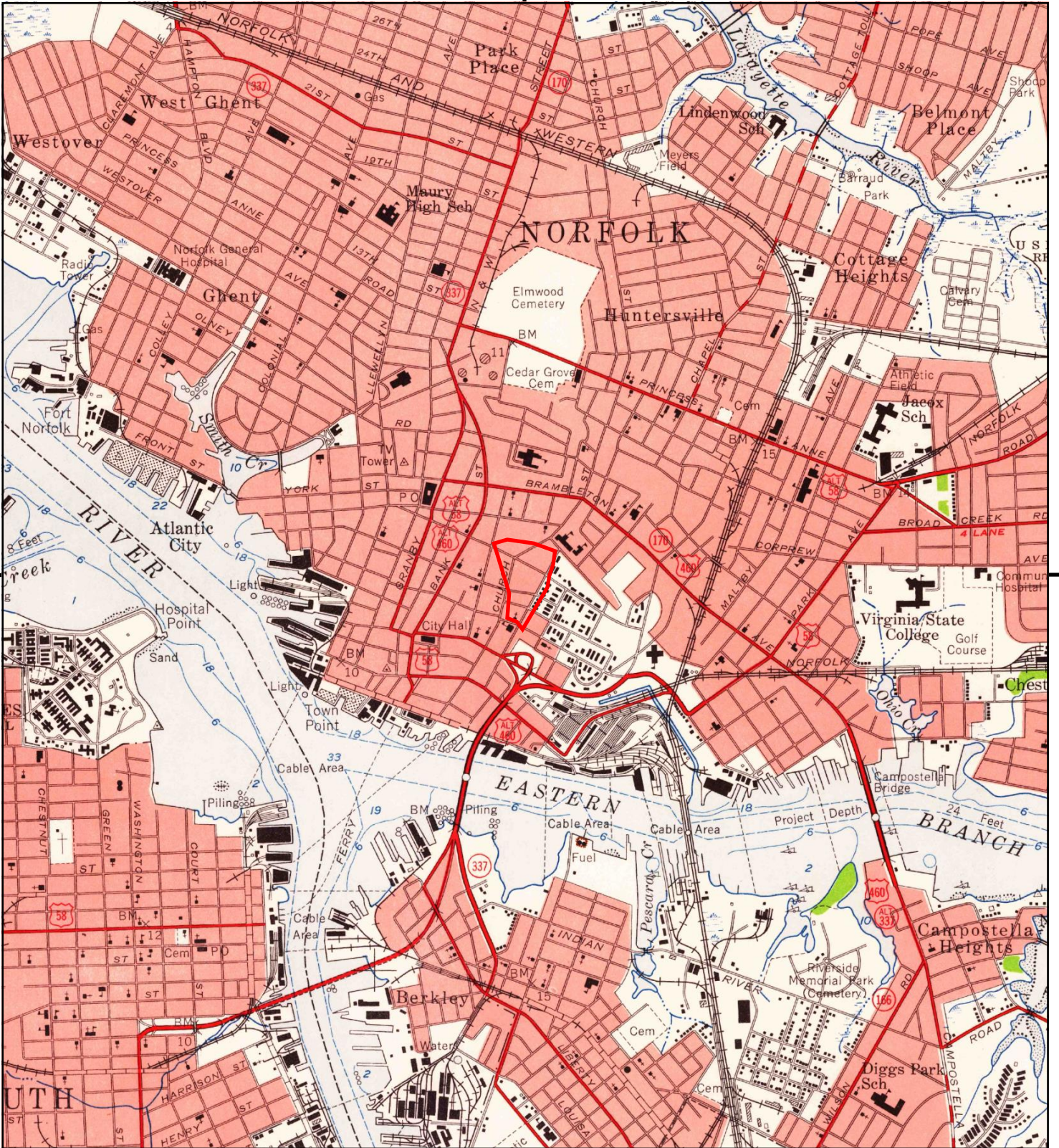
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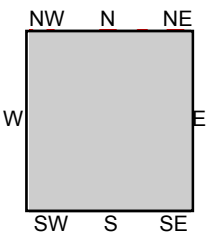
TP, Norfolk South, 1965, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





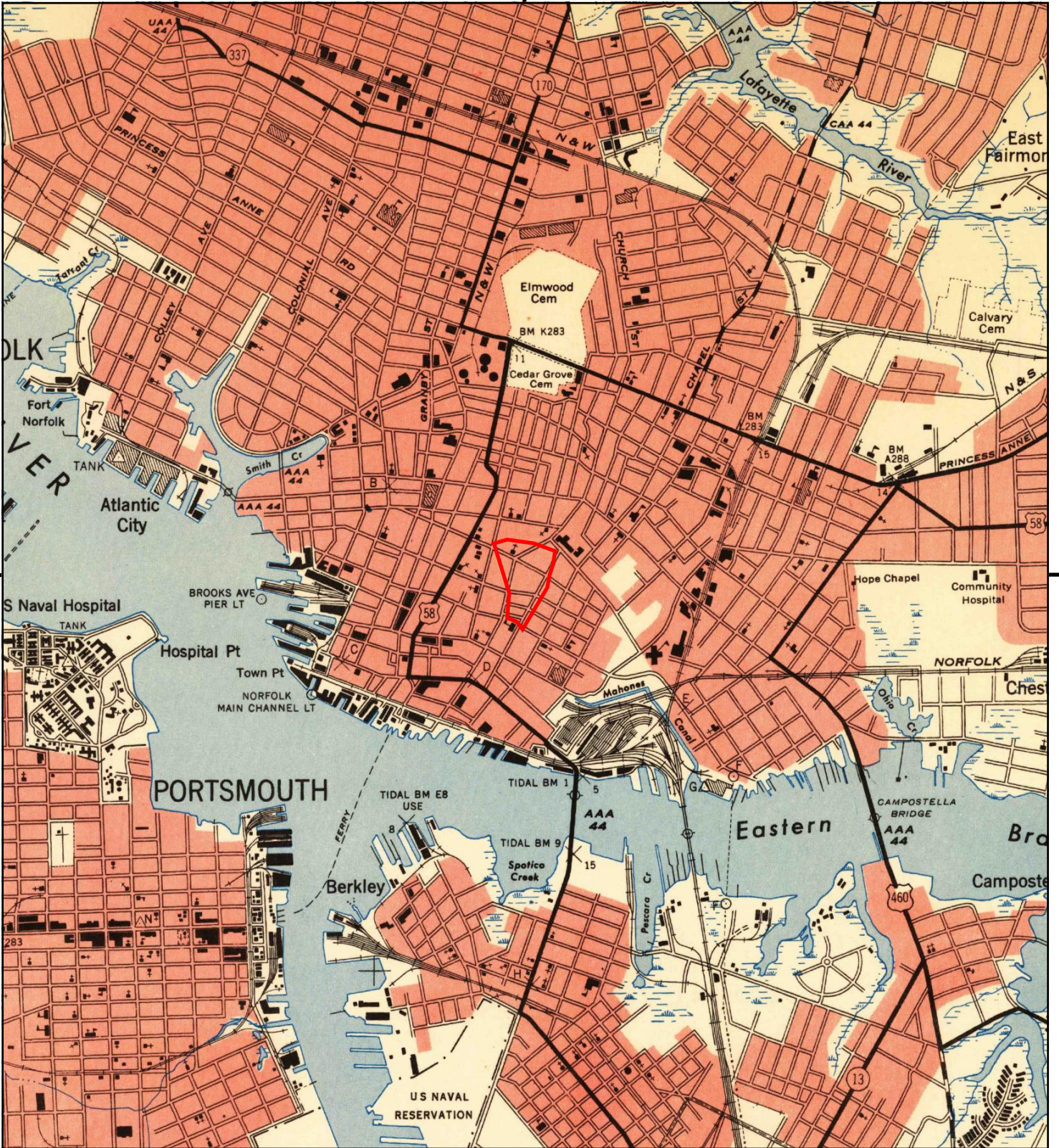
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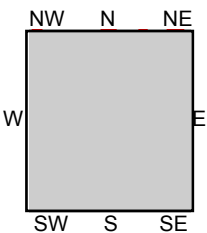
TP, Norfolk South, 1955, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





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



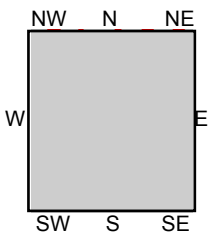
TP, Norfolk South, 1948, 7.5-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





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



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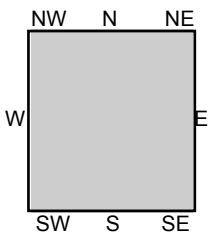
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**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers







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



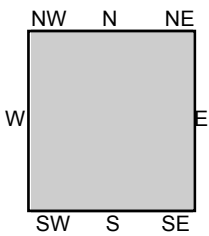
TP, Newport News, 1921, 15-minute

**SITE NAME:** St. Pauls Blvd. Transit Site  
**ADDRESS:** 300 St Pauls Blvd  
 Norfolk, VA 23510  
**CLIENT:** SCS Engineers





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



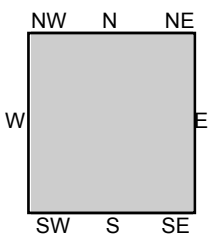
TP, Norfolk, 1907, 30-minute

SITE NAME: St. Pauls Blvd. Transit Site  
ADDRESS: 300 St Pauls Blvd  
Norfolk, VA 23510  
CLIENT: SCS Engineers





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



TP, Norfolk, 1902, 30-minute

SITE NAME: St. Pauls Blvd. Transit Site  
ADDRESS: 300 St Pauls Blvd  
Norfolk, VA 23510  
CLIENT: SCS Engineers





St. Pauls Blvd. Transit Site

300 St Pauls Blvd

Norfolk, VA 23510

Inquiry Number: 5565099.3

February 19, 2019

## Certified Sanborn® Map Report



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# Certified Sanborn® Map Report

02/19/19

**Site Name:**

St. Pauls Blvd. Transit Site  
300 St Pauls Blvd  
Norfolk, VA 23510  
EDR Inquiry # 5565099.3

**Client Name:**

SCS Engineers  
11260 Roger Bacon Drive  
Reston, VA 20190  
Contact: Alexis Holcomb



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**Certification #** 2B48-42CE-B117  
**PO #** 02-RE03535-10  
**Project** 02218113.02 St Pauls Transit

**Maps Provided:**

1970  
1950  
1928  
1910  
1898  
1887



Sanborn® Library search results

Certification #: 2B48-42CE-B117

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

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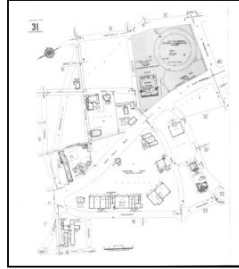
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1970 Source Sheets



Volume 1, Sheet 18  
1970



Volume 1, Sheet 31  
1970

### 1950 Source Sheets



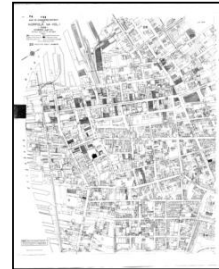
Volume 1, Sheet 17  
1950



Volume 1, Sheet 21  
1950



Volume 1, Sheet 22  
1950



Volume 1, Sheet xxxx  
1950

### 1928 Source Sheets



Volume 1, Sheet xxxx  
1928



Volume 1, Sheet 17  
1928



Volume 1, Sheet 21  
1928



Volume 1, Sheet 22  
1928

### 1910 Source Sheets



Volume 2, Sheet 127  
1910



Volume 2, Sheet 130  
1910



Volume 1, Sheet xxxx  
1910



Volume 1, Sheet 14  
1910

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1910 Source Sheets



Volume 1, Sheet 18  
1910

### 1898 Source Sheets



Volume 1, Sheet 11  
1898



Volume 1, Sheet 12  
1898



Volume 1, Sheet 12  
1898



Volume 1, Sheet 14  
1898

### 1887 Source Sheets



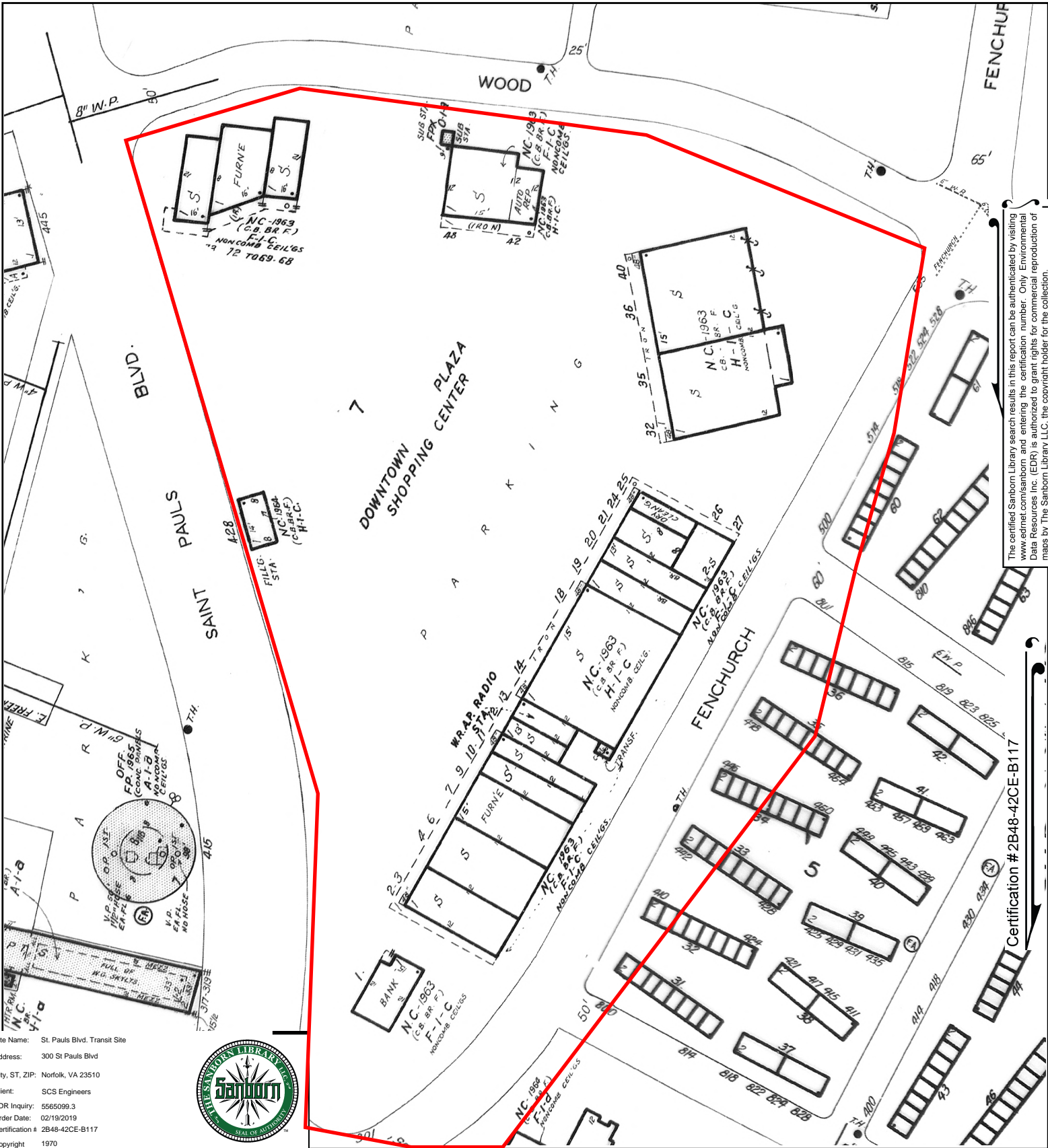
Volume 1, Sheet 14  
1887



Volume 1, Sheet 15  
1887



Volume 1, Sheet 16  
1887

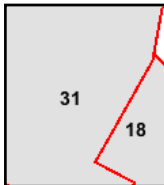
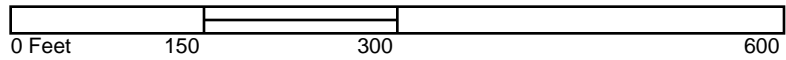


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 Address: 300 St Pauls Blvd  
 City, ST, ZIP: Norfolk, VA 23510  
 Client: SCS Engineers  
 EDR Inquiry: 5565099.3  
 Order Date: 02/19/2019  
 Certification # 2B48-42CE-B117  
 Copyright 1970



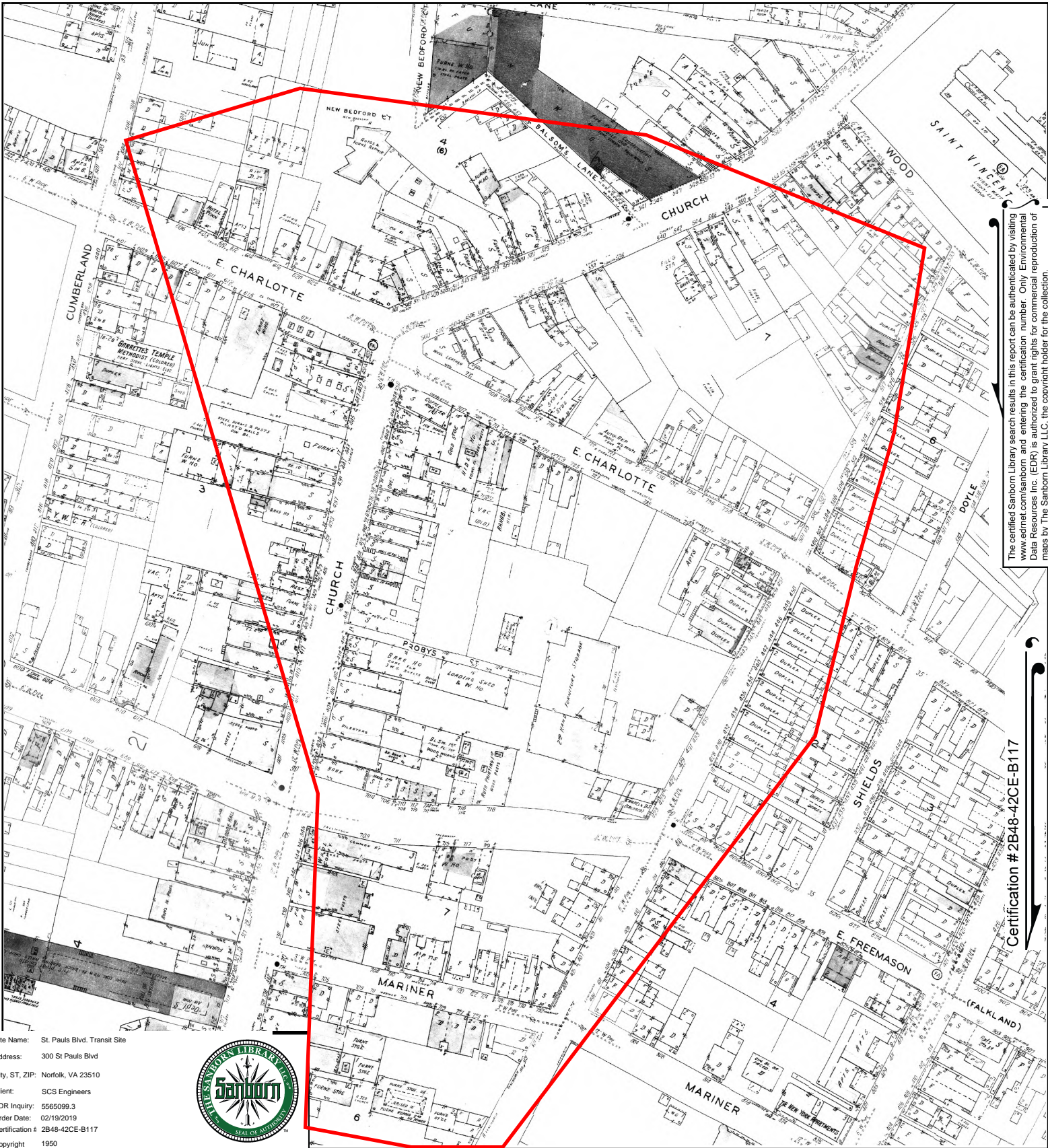
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Volume 1, Sheet 31  
 Volume 1, Sheet 18







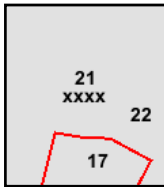
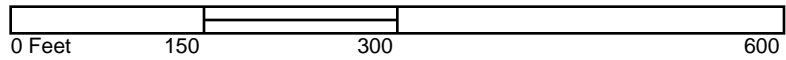
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 City, ST, ZIP: Norfolk, VA 23510  
 Client: SCS Engineers  
 EDR Inquiry: 5565099.3  
 Order Date: 02/19/2019  
 Certification # 2B48-42CE-B117  
 Copyright 1950

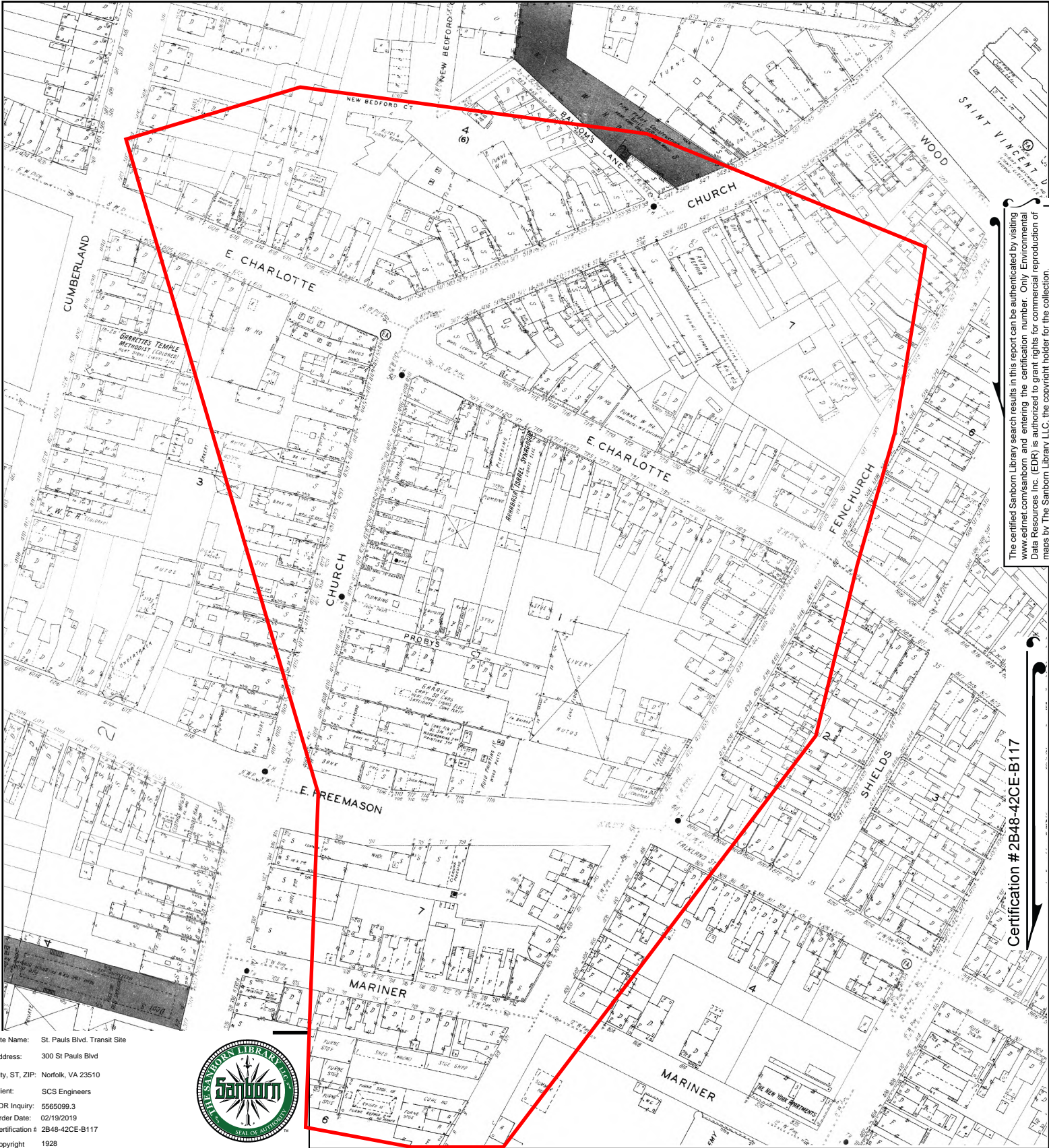


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Volume 1, Sheet xxxx  
 Volume 1, Sheet 22  
 Volume 1, Sheet 21  
 Volume 1, Sheet 17





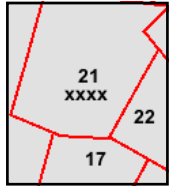
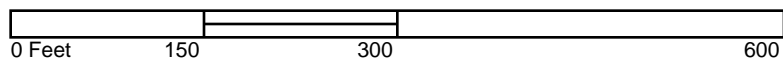
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 Address: 300 St Pauls Blvd  
 City, ST, ZIP: Norfolk, VA 23510  
 Client: SCS Engineers  
 EDR Inquiry: 5565099.3  
 Order Date: 02/19/2019  
 Certification #: 2B48-42CE-B117  
 Copyright: 1928

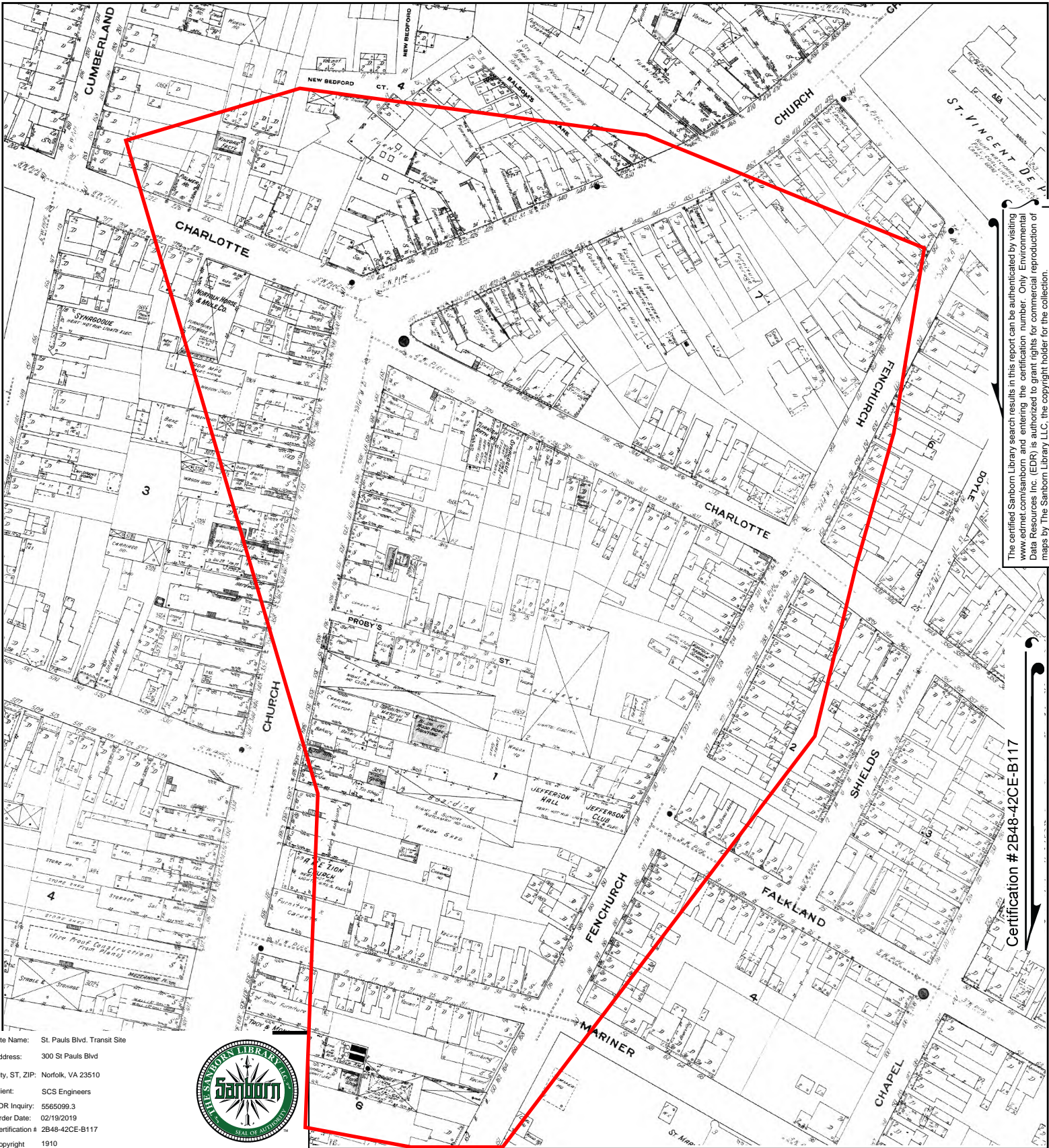


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- Volume 1, Sheet 22
- Volume 1, Sheet 21
- Volume 1, Sheet 17
- Volume 1, Sheet xxxx





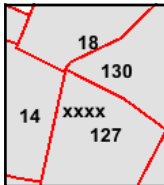
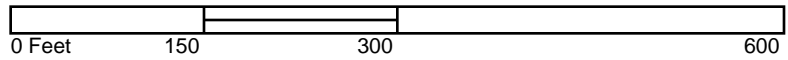
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 EDR Inquiry: 5565099.3  
 Order Date: 02/19/2019  
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 Copyright 1910



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- Volume 1, Sheet 18
- Volume 1, Sheet 14
- Volume 1, Sheet xxxx
- Volume 2, Sheet 130
- Volume 2, Sheet 127

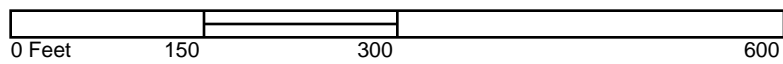




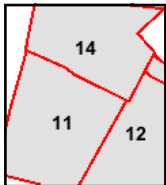
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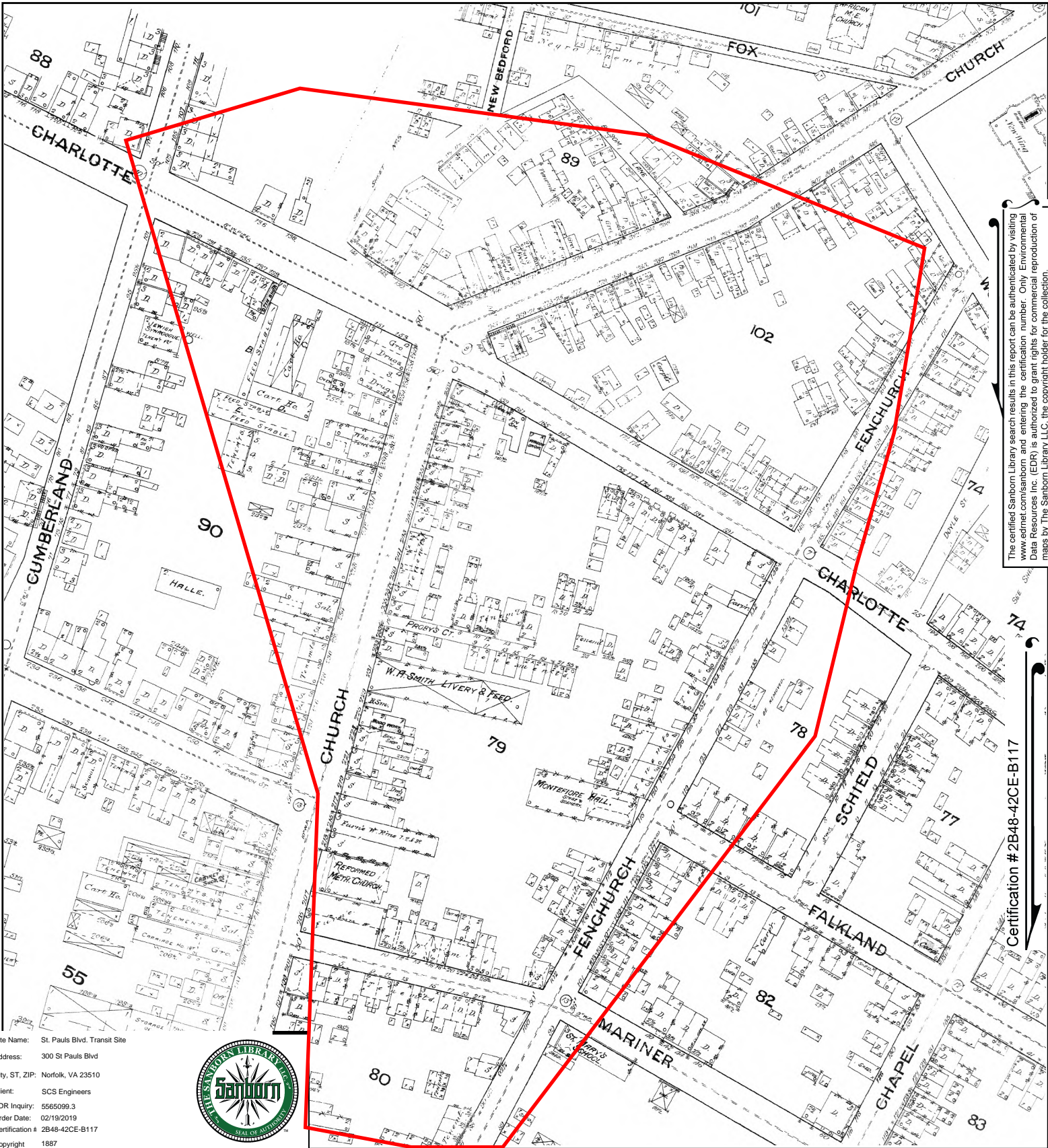
Site Name: St. Pauls Blvd. Transit Site  
 Address: 300 St Pauls Blvd  
 City, ST, ZIP: Norfolk, VA 23510  
 Client: SCS Engineers  
 EDR Inquiry: 5565099.3  
 Order Date: 02/19/2019  
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 Copyright: 1898



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- Volume 1, Sheet 14
- Volume 1, Sheet 12
- Volume 1, Sheet 12
- Volume 1, Sheet 11



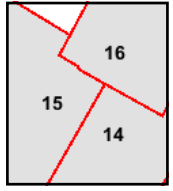
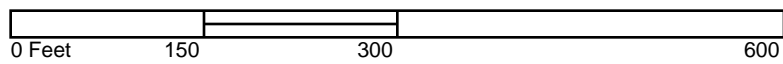
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 Address: 300 St Pauls Blvd  
 City, ST, ZIP: Norfolk, VA 23510  
 Client: SCS Engineers  
 EDR Inquiry: 5565099.3  
 Order Date: 02/19/2019  
 Certification # 2B48-42CE-B117  
 Copyright 1887



Certification #2B48-42CE-B117

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Volume 1, Sheet 16  
 Volume 1, Sheet 15  
 Volume 1, Sheet 14



**St. Pauls Blvd. Transit Site**

300 St Pauls Blvd  
Norfolk, VA 23510

Inquiry Number: 5565099.5  
February 23, 2019

# The EDR-City Directory Image Report

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### RESEARCH SUMMARY

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<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1986	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1966	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill Directory Co



# FINDINGS

## TARGET PROPERTY STREET

300 St Pauls Blvd  
Norfolk, VA 23510

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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## DOWNTOWN PLAZA SHOP CT

1992	pg A46	EDR Digital Archive
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## DOWNTOWN PLAZA SHOP CTR

1992	pg A47	EDR Digital Archive
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## DOWNTOWN PLAZER AVE

2005	pg A20	EDR Digital Archive
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## DOWNTOWN PLZ

2005	pg A21	EDR Digital Archive
2000	pg A29	EDR Digital Archive
1995	pg A37	EDR Digital Archive
1992	pg A48	EDR Digital Archive

## DOWNTOWN PLZ SHOPG CTR

1995	pg A38	EDR Digital Archive
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## DOWNTOWN PLZ SHOPP

2010	pg A12	EDR Digital Archive
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## POSEY LN

2014	-	EDR Digital Archive	Street not listed in Source
2010	-	EDR Digital Archive	Street not listed in Source

## FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source
1986	-	POLK DIRECTORY CO	Street not listed in Source
1981	-	Hill Directory Co	Street not listed in Source
1976	-	Hill Directory Co	Street not listed in Source
1971	-	Hill Directory Co	Street not listed in Source
1966	-	Hill Directory Co	Street not listed in Source
1964	-	Hill Directory Co	Street not listed in Source

### SAINT PAULS BLVD

2014	pg A7	EDR Digital Archive
2010	pg A15	EDR Digital Archive
2005	pg A24	EDR Digital Archive
2000	pg A31	EDR Digital Archive
1995	pg A42	EDR Digital Archive
1992	pg A50	EDR Digital Archive
1986	pg A55	POLK DIRECTORY CO
1986	pg A56	POLK DIRECTORY CO
1986	pg A57	POLK DIRECTORY CO
1981	pg A64	Hill Directory Co
1981	pg A65	Hill Directory Co
1976	pg A72	Hill Directory Co
1976	pg A73	Hill Directory Co
1971	pg A80	Hill Directory Co
1971	pg A81	Hill Directory Co
1971	pg A82	Hill Directory Co
1966	pg A89	Hill Directory Co
1966	pg A90	Hill Directory Co
1966	pg A91	Hill Directory Co
1964	pg A100	Hill Directory Co
1964	pg A101	Hill Directory Co
1964	pg A99	Hill Directory Co

## FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>WOOD ST</u></b>			
2014	pg A9	EDR Digital Archive	
2010	pg A17	EDR Digital Archive	
2005	pg A26	EDR Digital Archive	
2000	pg A33	EDR Digital Archive	
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1986	pg A60	POLK DIRECTORY CO	
1981	pg A67	Hill Directory Co	
1976	pg A75	Hill Directory Co	
1971	pg A85	Hill Directory Co	
1966	pg A94	Hill Directory Co	
1966	pg A95	Hill Directory Co	
1964	pg A103	Hill Directory Co	
1964	pg A104	Hill Directory Co	

# FINDINGS

## CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>CHAPEL ST</u></b>		
2014	pg. A2	EDR Digital Archive
2010	pg. A10	EDR Digital Archive
2005	pg. A18	EDR Digital Archive
2000	pg. A27	EDR Digital Archive
1995	pg. A34	EDR Digital Archive
1992	pg. A44	EDR Digital Archive
1986	pg. A52	POLK DIRECTORY CO
1981	pg. A61	Hill Directory Co
1976	pg. A68	Hill Directory Co
1976	pg. A69	Hill Directory Co
1971	pg. A76	Hill Directory Co
1971	pg. A77	Hill Directory Co
1966	pg. A86	Hill Directory Co
1964	pg. A96	Hill Directory Co

## **HOLT ST**

2014	pg. A4	EDR Digital Archive
2010	pg. A13	EDR Digital Archive
2005	pg. A22	EDR Digital Archive
2000	pg. A30	EDR Digital Archive
1995	pg. A39	EDR Digital Archive
1992	pg. A49	EDR Digital Archive
1986	pg. A53	POLK DIRECTORY CO
1986	pg. A54	POLK DIRECTORY CO
1981	pg. A62	Hill Directory Co
1981	pg. A63	Hill Directory Co
1976	pg. A70	Hill Directory Co
1976	pg. A71	Hill Directory Co
1971	pg. A78	Hill Directory Co
1971	pg. A79	Hill Directory Co
1966	pg. A87	Hill Directory Co
1966	pg. A88	Hill Directory Co

## FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
1964	pg. A97	Hill Directory Co
1964	pg. A98	Hill Directory Co

### WALKE ST

2014	pg. A8	EDR Digital Archive
2010	pg. A16	EDR Digital Archive
2005	pg. A25	EDR Digital Archive
2000	pg. A32	EDR Digital Archive
1995	pg. A43	EDR Digital Archive
1992	pg. A51	EDR Digital Archive
1986	pg. A58	POLK DIRECTORY CO
1986	pg. A59	POLK DIRECTORY CO
1981	pg. A66	Hill Directory Co
1976	pg. A74	Hill Directory Co
1971	pg. A83	Hill Directory Co
1971	pg. A84	Hill Directory Co
1966	pg. A92	Hill Directory Co
1966	pg. A93	Hill Directory Co
1964	pg. A102	Hill Directory Co

## **City Directory Images**

**CHAPEL ST 2014**

232 ROMAN CATHLIC DIOCESE RICHMOND  
310 WILLIAMS, LETICIA R  
312 THOMAS, MARY E  
314 MURPHY, SHANICE  
316 BANKS, TERRY L  
318 OCCUPANT UNKNOWN,  
320 SMITH, ROSA  
322 WALLS, ANGELA M  
324 DEERING, FLOYD  
326 JOHNSON, WILLIE J  
328 LAWRENCE, GAYNELLE  
400 PATTERSON, SHAWANA  
402 BEATRICE, KNOX  
404 WILSON, GLADYS D  
406 MANN, TAMMY  
410 JAMES, WINAKIA Y  
412 OCCUPANT UNKNOWN,  
413 PARKER, KIM A  
414 BROWN, DANIEL S  
415 LYLES, SHARON  
417 OCCUPANT UNKNOWN,  
419 GAINES, DIANNA  
420 WILLIAMS, ALAN  
421 RICHARDSON, RAQUEL R  
422 JOHNSON, ISAAC  
424 THORNE, GEORLIN D  
425 VAUGHAN, PHILLIP L  
426 CHAPMAN, TIER  
427 JORDON, J  
428 MCCOY, TIA  
429 AUSTIN, JOHN  
430 OCCUPANT UNKNOWN,  
431 JOHNSON, HARRY I  
433 COFIELD, EVERETT T  
434 WILLIAMS, LENESHA  
435 JONES, LAURANN  
436 HAGANS, ANNIE E  
438 FENNELL, RENDELL  
439 FLOWERS, DANITA  
441 WHITFIELD, DELOIS  
442 WRIGHT, CAPRENA  
443 DAVIS, A  
444 DIXON, V  
446 OCCUPANT UNKNOWN,  
447 OCCUPANT UNKNOWN,  
449 HAIRSTON, DESMOND D  
453 ROSS, SHAWNTA  
455 BROWN, TONY T  
457 JAMES, LATRICIA  
459 RENELL, BRIAN

**CHAPEL ST 2014 (Cont'd)**

461 SPELLMAN, RUTH  
463 JAY, PAMELA A  
726 OCCUPANT UNKNOWN,  
728 FULLER, LATASHA  
730 STIVEY, JASON  
732 PURNELL, JOE  
734 DAVIS, TARA D  
738 SPRATLEY, DEANDRE  
740 WALKER, REGINA D  
742 LASSITER, SHAUNA  
744 MOORE, TANEISHA B  
750 HARRIS, AMY  
752 JACKSON, BRENDA M  
754 KITTRELL, LUCINDA M  
756 ROBINSON, DRENA  
758 CRADDOCK, VERONICA  
760 GRIER, CANDY  
1017 GRANT, SHENISHA  
1023 BLUE, KRYSTAL S  
1101 THOMAS, CAROLYN A  
1107 BAKER, MICHEAL B  
1110 ALLEN, LYNNE  
BELL, PHYLLIS  
EVANS, RAYMOND  
HARRINGTON, TERESA  
MARTIN, REGINALD  
RHODES, CRYSTAL  
SANTEE, DUANE  
TAVERS, ALEXANDER D  
TURNER, KAREN  
WADSWORTH, JOSEPH E  
1111 STREET, SHENIYA H  
1113 FOUNTAIN, THOMAS J  
1404 SATTERFIELD, LINDA Y  
1429 BUIE, IVEY L  
1433 DYSART, THOMAS E  
1451 DNA TRUCKING INC  
GREEN, KIMBERLY D  
1453 BROWN, LEE  
1457 GREEN, ALFRED A  
1459 MORRIS, KESHAWON  
1463 ARTYBRIDGE, DAVID L  
1465 LEE, ANGELA  
1475 ORDONEZ, IGNACIO



**HOLT ST 2014**

921 ROMAN CATHLIC DIOCESE RICHMOND  
1023 OCCUPANT UNKNOWN,  
1025 HIGH, TAHEZSHA  
1027 DASHAYA, EMMANUEL  
1029 HARRIS, KENNETH D  
1033 SMITH, BRIAN O  
1035 MCKINNEY, FELECIA  
1037 BATES, RONALD  
1040 WILLIAMS, BARBARA  
1041 CORPREW, DERRELL  
1043 CARR, NANCY  
1044 OCCUPANT UNKNOWN,  
1045 MCCRAE, TAWANA M  
1046 JONES, SANTONYO  
1047 MYERS, PEGGY M  
1048 PETERS, JANITA  
1049 WATKINS, M  
1050 JENKINS, LEQUITA  
1051 GALLOP, SAMUEL F  
1053 WEAVER, CHARNESHA  
1054 DUYNES, CHARLES  
POWELLS TOUCH OF CLASS  
1055 GARY, BARBARA  
1056 MCPHERSON, ADRIAN  
1058 OCCUPANT UNKNOWN,  
1060 MAYER, FELICIA L  
1063 OCCUPANT UNKNOWN,  
1064 FREEMAN, JEFF  
1065 ALLEN, TASHA  
1067 WINSTON, BRIONDA  
1068 OCCUPANT UNKNOWN,  
1069 HOPKA, WILLIAM  
1071 OCCUPANT UNKNOWN,  
1073 JOHNSON, MICHELLE  
1075 DAVIS, RENIQUA  
1100 OCCUPANT UNKNOWN,  
1101 FREEMAN, RISHETA  
1102 SPIFF, VERNECIA  
1103 CURRY, J  
1104 HOGGARD, HELEN  
1105 BARR, NAKITA  
NELLUM, IKEYA  
1106 OCCUPANT UNKNOWN,  
1107 OCCUPANT UNKNOWN,  
1108 CARLISLE, DONSHA M  
1109 BIGGS, ASHLEY S  
1110 YANCEY, DENISE L  
1111 BRAY, DAWN S  
1112 DAVIS, RUDY  
1113 FREEMAN, TIA

**HOLT ST      2014      (Cont'd)**

1114 REGESTER, YUALAUNDA S  
1115 LEACH, ASHEEKIA  
1116 BROWN, SHERRY Y  
1118 KNOX, ANNA M  
1121 MCNEAL, MONIQUE  
1122 RICKS, T  
1123 ELLIOT, LAMONT  
1124 PARHAM, MAURICE  
1125 CONYERS, REGGIE  
1126 MORALES, MARIA  
1127 GLEE, HOWARD  
1128 SIMS, CHUCK  
1129 MARSH, JENNIFER M  
1132 OCCUPANT UNKNOWN,  
1133 SPRUILL, SYLVESTA  
1134 PARKER, AUDREY  
1135 OCCUPANT UNKNOWN,  
1136 WHITE, CEDRIC  
1137 CLARK, FREDERICK  
1139 KEELING, SONIA L  
1140 WALLS, LARRY  
1143 OCCUPANT UNKNOWN,  
1144 CLARK, ANTOINETTE  
1145 WILSON, KAY R  
1146 OCCUPANT UNKNOWN,  
1147 HOPKINS, TIERRA  
1148 CAVES, A  
1149 OCCUPANT UNKNOWN,  
1151 ALEXANDER, KEITH E  
1152 SMITH, J  
1153 WOOD, JUANITA  
1154 OCCUPANT UNKNOWN,  
1155 PARKER, RACHEL D  
1156 BATTLE, LATOYA  
1157 MATTHEWS, RASHAAD J  
1158 MINTON, SHERRELLE  
1159 EDMONDS, THERESSA M  
1160 OCCUPANT UNKNOWN,  
1161 OCCUPANT UNKNOWN,  
1162 FOSTER, CHRIS  
1163 BRYANT, EVONNE  
1165 MATTHEWS, DISHAWNA  
1166 WILSON, SHARELL  
1168 AHMAD, ZAKIYYAH  
1169 RODGERS, KIMYETTA  
1170 RIMM, VEECHA M  
1171 BALDWIN, JAZZE  
1172 TONSALL, ADRIENNE  
1173 DAVIS, ERIC  
1174 STITH, ALISA

**HOLT ST      2014      (Cont'd)**

1175 RICKS, LINDA Y  
1176 OCCUPANT UNKNOWN,  
1177 THOMAS, SONNY  
1178 EATON, KIMBERLY  
1179 FENTRESS, APRIL  
1180 WILLIAMS, DAWNTE  
1181 BILL BLAND INTERIORS  
EGERTON, MICHAEL A  
1182 KNIGHT, TERRI  
1183 OCCUPANT UNKNOWN,  
1184 SMALLS, JASON  
1185 BRINKLEY, JONATHAN R  
1187 DENT, JENNIFER  
1189 JONES, CURTIS A  
1191 MANNING, VICTORIA

## SAINT PAULS BLVD 2014

100	COPYTRON JUDICIARY COURTS OF VA NORFOLK CIRCUIT CRT CLERKS OFF NORFOLK CITY OF
125	BERKHIMER LAW PC BIGGS & FLEET LTD GUARDSMARK LLC HARMON HARRY D JR LAW OFFICE HENDERSON LESA J ATTY LAW OFFICE OF SHELLY F WOOD PC LEGAL AID SOCIETY EASTERN VA NORFOLK CITY OF NORFOLK SHERIFF FOUNDATION INC PATRICK D THRASHER MD PC REPORTERS COM VIRGINIA INDIGENT DEF COMM NO VISUALZEN INC
201	CAPE HENRY AUDUBON SOCIETY ST PAULS EPISCOPAL CHURCH
300	POLYZOS ENTERPRISES INC SARATOGA FOOD GROUP NOVA 4 LLC SARATOGA FOOD GROUP-NOVA 4 LLC
400	COBB DAVID
415	BOUSH STREET HOLDINGS LLC BRAMBLETON WEST LLC BROWN S REMODELING PAINT COASTAL RESOURCE GROUP LLC GLOBAL DELUXE LLC GRANBY ST PALMS LLC JULIEN GROUP LLC
418	SAINT PAULS TEXACO
423	A-LIST HOSPITALITY GROUP LLC
443	METIME PERSONAL SAUNAS LLC TBD CONSULTING LLC
485	HURRAH PLAYERS INC

**WALKE ST 2014**

401	LASSITER, DEONTE
403	OCCUPANT UNKNOWN,
407	PERRY, TRUDY A
409	OCCUPANT UNKNOWN,
411	BANKS, URSULA A
413	FORD, MELVIN L
419	ADAMS, ANGELA S
421	OCCUPANT UNKNOWN,
423	BLOUNT, VERNELL
425	WEAVER, ROBERT E
427	PATRICK, EDNA
429	FRANKLIN, TONY
433	WILLIAMS, STEVAN A
435	OCCUPANT UNKNOWN,
437	QUASHELLE, JAMES
441	MASON, LATRICE
443	BELL, SHAWANDA
447	WALKER, STEPHANIE O
451	POOLE, CRYSTAL M
453	WOODHOUSE, MARSHALL R
455	WHITE, KENDALL A
457	OCCUPANT UNKNOWN,
459	RHOADES, EILEEN T
461	JOHNSON, ARLETHI



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**WOOD ST 2014**

815 MOSES L DAVIS SR  
1095 HALL, DON

**CHAPEL ST 2010**

232 ROMAN CATHLIC DIOCESE RICHMOND  
240 WARD, JANET E  
310 WILLIAMS, LETICIA R  
312 THOMAS, MARY E  
314 LUCHS, WALTER  
316 BANKS, ANTONIO Q  
317 PRIDE IN PARENTING  
322 WALLS, ANGELA M  
324 GAYNOR, PAMELA  
MCNEAL, RACHEL L  
326 TRENT, RANESHA  
328 LAWRENCE, GAYNELLE  
400 WHITE, SIOBHAN  
402 KNOX, BEATRICE L  
406 MANN, TAMMY  
411 GILLENWATER, JULIANNE L  
413 GREEN, CHRISTINE  
414 BROWN, DANIEL S  
415 MCSWAIN, JOHN  
417 BRADSHAW, ALEXANDER L  
419 GAINES, DIANNA  
421 PAYNE, ANGELUS D  
422 GOODALL, DELORIS  
424 SHELTON, TIFFANY  
425 PAMP, LATECE  
426 SCOTT, PAMELA R  
427 JORDON, J  
428 MCCOY, TIA  
429 AUSTIN, JOHN  
430 JONES, ANNAIS  
431 JOHNSON, ELAINE W  
433 COFIELD, EVERETT T  
434 WILLIAMS, LENESHA  
436 HAGANS, ANNIE E  
439 EDWARDS, MICHAELA  
441 WHITFIELD, DELOIS  
443 BRAY, KESHIA  
444 HALL, DEESK  
445 MCINNIS, REGINA M  
447 GIVENS, SYLVIA A  
448 COLLICK, GEORGE E  
449 HAIRSTON, UYLONDA  
453 TURNER, ROGER L  
457 WILSON, GENEVA  
459 BALLARD, SAMANTIHA  
461 SPELLMAN, RUTH  
463 JAY, TYRONE  
726 SMITH, LAUCRETIA  
728 FULLER, LATASHA  
730 STIVEY, JASON

**CHAPEL ST      2010      (Cont'd)**

732	BACKUS, C
736	BURSTON, SHARENNA
738	BYNUM, TERRELL
740	HURST, DEMETRIAL
742	CHILDRESS, WALTER
744	MOORE, MARILYN L
750	HARRIS, AMY
752	JACKSON, BRENDA M
756	ROBINSON, DRENA
760	GRIER, DIANE
1017	FORBES, ROBERT
1023	BLUE, KRYSTAL S
1101	THOMAS, CAROLYN A
1107	BAKER, MICHEAL B
1110	COURTNEY, JENNIFER
	DAVIS, D
	ELLIOT, CLARENCE
	FERGUSON, MARY M
	HARRINGTON, TERESA
	HARRIS, IRISA
1111	STREET, SHENIYA H
1113	FOUNTAIN, THOMAS J
1404	JOHNSON, BEN N
	MCGOUGHY, ANTUAN
1429	BUIE, IVEY L
1433	TURNER, YVONNE V
1451	DNA TRUCKING INC
1453	BROWN, LEE
1459	HAMNER, DANIEL
1465	LEE, JASMINE K
1475	ORDONEZ, IGNACIO



**DOWNTOWN PLZ SHOPP 2010**

7 PINE CHEST LLC

**HOLT ST 2010**

921 ROMAN CATHLIC DIOCESE RICHMOND  
1000 SAINT MARY CATHOLIC CHURCH  
ST MARYS RECTORY  
1023 URQUNART, SYLVIA  
1025 HIGH, TAHEZSHA  
1027 EMMANUEL, DASHAYA  
1029 MAPP, CRYSTAL  
1037 BATES, CHARISSE  
1041 COLEMAN, CASSANDRA  
1043 JAMES, SHAMIKA  
1045 MCRAE, G  
1046 JONES, SANTONYO  
1047 MYERS, PEGGY M  
1049 WATKINS, M  
1050 FEREBEE, D  
1051 HUGHES, LENIER  
1054 DUYNES, CHARLES  
POWELLS TOUCH OF CLASS  
1055 GARY, BARBARA  
1058 WILSON, MABLE P  
1060 MAYER, FELICIA L  
1064 FREEMAN, JEFF  
1065 DEAL, DELORIS M  
1067 OWENS, RAYMOND  
1068 MITCHELL, QUATRINA V  
1069 HOLLEY, DOLORIS  
1071 SUTTON, LAQUISA  
1075 GUNN, E  
1100 ARRINGTON, KEYANA  
1101 FREEMAN, RISHETA  
1102 BISHOP, KEYWANNA O  
1103 CURRY, J  
1104 HOGGARD, HELEN  
1105 RODGERS, GUSTELIA B  
1106 DANIELS, SYLVIA  
1107 DOBEY, TERRI L  
1108 JOHNSON, DAN  
1109 POOLE, ROSE P  
1110 YANCEY, DENISE L  
1111 BRAY, QUENSHAWN  
1113 MCALLISTER, LATOYIA D  
1115 BLESSINGS PLUMBING INC  
LEACH, ASHEEKIA  
1116 BROWN, SHERRY Y  
1118 KNOX, ANNA M  
1119 STANCILL, FELICIA  
1121 RAY, HERBERT  
1122 RAY, LASHANNA S  
1123 MEAS, MORODAK  
1124 PARHAM, BRENDA A

**HOLT ST      2010      (Cont'd)**

1128 ROBINSON, CHRISTINA  
1129 MARSH, JENNIFER M  
1130 CHERRY, K  
1132 TARKER, TISHARA  
1133 WILLIAMS, ARMANDA C  
1134 JONES, M S  
1135 SKINNER, AUDREY E  
1136 WHITE, CEDRIC  
1137 CLARK, FREDERICK  
1138 BIBBINS, DEENEIL J  
1139 CHERRY, LINDA  
1140 WILLIAMS, THOMAS H  
1141 SCOTT, ERICA  
1143 COLLINS, RONALD C  
1144 CLARK, ANTOINETTE  
1145 WILSON, KAY R  
1146 HAYES, LILLIE  
1147 PEELE, KIMBERLY  
1148 HARRIS, JAMES  
1149 WORLDS, EDWARD  
1151 RIVERS, DARRYL L  
1152 SMITH, JACQUELINE D  
1153 WOOD, JUANITA  
1154 PURVIS, YASHANA K  
1156 BATTLE, LATOYA  
1157 MATTHEWS, PATRICIA  
1158 MILLER, BENJAMIN  
1159 EDMONDS, YULANDA N  
1160 WILLIAMS, K  
1161 ROSEBORO, EARLINE Y  
1165 MATTHEWS, DISHAWNA  
1166 HILL, JAMES E  
1167 THOMAS, KIMBERLY  
1168 BRACEY, HOLLEY A  
1171 WILLIAMS, ANGELA Y  
1172 TONSALL, RENEE  
1174 STITH, MARION  
1178 PERRY, NAKIA S  
1179 FENTRESS, APRIL  
1181 BILL BLAND INTERIORS  
HEATH, CHARLES W  
1183 FERGUSON, KEVIN  
1184 SMALLS, JASON  
1185 HOLT, OLANDO J  
1187 MILLS, WARDELL  
1189 JONES, CURTIS A  
1191 MANNING, VICTORIA

## SAINT PAULS BLVD 2010

100	COPYTRON JUDICIARY COURTS OF VA
125	ANDRULIS CORPORATION BIGGS & FLEET LTD COVINGTON JAMES B DALTON WALTER B DR TOMMY OSBORNE FAJITA HEAVEN GUARDSMARK LLC HARMON HARRY D JR LAW OFFICE HENDERSON LESA J ATTY LEGAL AID SOC EASTRN VA INC MCCRACKEN BARRY J MELTON J CAROLL MONTAGNA ANTHONY L JR MUNN EMILY ATTY NORFOLK SHERIFF FOUNDATION INC OSER STEVEN M ATTY REPORTERS COM SENSE RESOURCE CENTER INC UNDER CUTTER TREE SERVICE INC VIRGINIA INDIGENT DEF COMM NO VISUALZEN INC
201	ST PAULS EPISCOPAL CHURCH
210	MONTAGNA & MONTAGNA P C
300	POLYZOS ENTERPRISES INC SARATOGA FOOD GROUP NOVA 4 LLC SARATOGA FOOD GROUP-NOVA 4 LLC
400	COBB DAVID
415	BOUSH STREET HOLDINGS LLC BRAMBLETON WEST LLC BROWN S REMODELING PAINT COASTAL RESOURCE GROUP LLC ERMLICH ARTHUR C GLOBAL DELUXE LLC GRANBY ST PALMS LLC JULIEN GROUP LLC PRESTIGIOUS LADIES INT ROWE INC LAURA CONTRERAS SOFAS & SEATS INC TARGET PROFESSIONAL SERVICES WRW LAND COMPANY INC
418	SAINT PAULS TEXACO
423	A-LIST HOSPITALITY GROUP LLC COALITION OF YOUNG BLCK PROF
434	ALCOHOLIC BEV CTRL VA DEPT
443	TBD CONSULTING LLC

**WALKE ST 2010**

401	LASSITER, DOLSIALEEN R
405	SKINNER, PAMELA
407	PERRY, TRUDY A
409	GALLOP, SAMUEL F
411	BANKS, URSULA A
413	FORD, MELVIN
415	BUNTING, QUADRINA
419	ADAMS, ANGELA
423	BLOUNT, VERNELL
425	WEAVER, ROBERT E
429	MOORE, DIANA
435	BLOUNT, VIOLA
441	COLCLOUGH, TERESA
443	DAGGS, D
447	HASKINS, VALERIA
449	SCOTT, TINA A
451	POOLE, CRYSTAL
453	WOODHOUSE, MARSHALL R
457	WASHINGTON, LAVERNE
461	JOHNSON, ARLETHI



-

**WOOD ST 2010**

815	MOSES L DAVIS SR
913	NAHRA, ERIC
1095	HALL, DON

## CHAPEL ST 2005

310 WILLIAMS, LETICIA  
316 BANKS, ANTONIO  
317 PRIDE IN PARENTING  
322 DOWTIN, FELICIA  
326 ASH, MARY  
328 JOHNSON, VILLA M  
400 MITCHELL, J A  
402 KNOX, BEATRICE L  
404 WILSON, GLADYS D  
408 BLOUNT, DALPHINE N  
411 SIMPSON, MYRTLE A  
412 WATERS, FELICIA  
413 BAILEY, ROBERT L  
414 BROWN, DANIEL S  
415 LYLES, SHARON  
419 GAINES, DIANNA  
420 ASKEW, ROSA  
421 PAYNE, EUGENE M  
422 GOODALL, DELORIS  
424 SHELTON, FELICIA M  
425 PAMP, NATHANIEL  
426 SCOTT, WILLIE M  
427 SPRUILL, DOROTHY L  
429 AUSTIN, JOHN  
431 JOHNSON, ELAINE W  
434 JOHNSON, JAMES  
436 HAGANS, ANNIE E  
438 BURRUS, WILLMA B  
439 WILSON, BARBARA  
441 WHITFIELD, DELOIS  
443 RIMM, SHELTON L  
444 HALL, DEVON T  
445 MCINNIS, MONTREL  
447 ATKINS, ANTHONY  
449 HAIRSTON, UYLONDA  
453 ROSS, SHAWN TA  
455 WRIGHT, MARY M  
459 FORTUNE, ANTHONY  
461 SPELLMAN, RUTH  
728 ROBERTS, LASHAUN T  
736 WILLIAMS, LINNER D  
738 MINGGIA, MARTHA A  
740 HINES, TRINA  
742 CLAYTON, CHARLES  
744 MOORE, LARRY A  
750 WILSON, ANNETTA  
752 WALL, CAROLYN  
754 KITTRELL, LUCINDA M  
756 ROBINSON, DRENA S  
758 FLEMMING, BRIAN M

**CHAPEL ST      2005      (Cont'd)**

760	GRIER, DIANE
1017	BATTLE, LUTHER L
1023	BLUE, KRYSTAL S
1101	THOMAS, JAMES E
1107	BAKER, MICHEAL
1110	ALLEN, EARNEST C
	ALSTON, BRACK
	COLEMAN, ROBYN
	FLEMING, LINDA
	FRANCIS, CHRIS
	HARDISON, BEATRICE
	HARRIS, M
	JOHNSON, BRENDA C
	JONES, WENDELL
	MINGGIA, JACQUELINE E
	POPE, THERESA A
	ROACH, WESLEY
	ROBYN, COLEMAN
	WILLIAMS, A
1113	HOWARD, CAROLYN B
1404	JOHNSON, BEN N
	KOMITOR, SCOTT E
1433	TURNER, YVONNE
1451	WILLOUGHBY, CHARLENE
1453	BROWN, LEE
1455	BAKER, JAMES O
1457	WILLIAMS, THERESA L
1459	HAMNER, DANIEL
1463	MOODY, FANNIE A
1465	LEE, JACQUELINE P



**DOWNTOWN PLAZER AVE 2005**

42 ROLANDS AUTO SERVICE CENTER

**DOWNTOWN PLZ 2005**

31 HORTENSES BARBER SALON

**HOLT ST 2005**

921 ROMAN CATHLIC DIOCESE RICHMOND  
1000 ROMAN CATHLIC DIOCESE RICHMOND  
1023 WHITAKER, CHARLES  
1025 KIRBY, JAMAYA  
1029 HARRIS, EVA  
1031 GREGORY, STEVEN  
1035 BRAY, ALLENDIA Y  
1037 VANN, S  
1040 LAND, ARTHUR  
1044 BINNS, R  
1045 MCRAE, G  
1047 BUIE, LUCINDA R  
1050 MILLER, JULIA R  
1054 WHITE, J  
1055 DAVIS, AVIS  
1060 MAYER, FELICIA L  
1062 TUCKER, LAVERNE  
1063 WILLIAMS, MICHELLE L  
1064 COOPER, KIM  
1065 DEAL, DELORIS M  
1067 EVANS, MICHELLE  
1069 SCOTT, LILLIE G  
1071 PARKER, JEROME  
1073 BRAY, O  
1075 GOODMAN, TOWANDA R  
1100 OWENS, DOMINIQUE D  
1102 BISHOP, KEYWANNA O  
1103 CURRY, J  
1104 HOGGARD, HELEN  
1105 RODGERS, GUSTELIA  
1106 DANIELS, SYLVIA  
1109 POOLE, WILLIAM H  
1110 YANCEY, DENISE  
1111 THOMAS, ROBERT A  
1112 DAVIS, NATHANIEL W  
1113 RUIZ, TASHA  
1114 LATOYA, CHERRY  
1115 JAMES, TABITHA  
1116 BROWN, SHERRY Y  
1117 GRAY, KRISHMA  
1121 SUNKINS, ALICE  
1122 BAILEY, EDWARD  
1123 CRADDOCK, CHRISTINE  
1125 CHAPMAN, ADRIAN  
1127 OLDS, TANGANYIKA  
1128 DIGGS, CRYSTAL L  
1129 MARSH, DOMINIQUE L  
1130 PORTER, TANYA  
1131 BOOMER, MARIE  
1132 PARKER, L

**HOLT ST****2005****(Cont'd)**

1133	LOMAX, KEVIN
1134	LUNDY, SHERICE
1135	SKINNER, AUDREY E
1137	CLARK, FREDERICK
1138	BIBBINS, DEENEIL J
1139	DRUMMOND, B
1140	CHAPPELLE, LATOYA
1141	MCCLAIN, ALICIA C
1143	COLLINS, RONALD C
1144	STOKLEY, TIMOTHY L
1145	WILSON, KAY R
1146	FLYTHER, SHIRLEY M
1147	FORREST, J
1148	HARRIS, JAVANDA
1149	PEEDE, GARY A
1150	CARTER, VANESSA J
1151	NEWELL, YVONNE L
1152	SMITH, SUTTICE L
1153	WOOD, J
1154	PURVIS, YASHANA K
1155	PARKER, RACHEL
1156	GRAVES, SAMUEL L
1157	BESS, WALTER
1158	ALEXANDER, LADAWN
1159	EDMONDS, Y
1160	ARRINGTON, JOANN
1161	ROSEBORO, EARLINE Y
1162	BAY, GREGORY
1163	BOONE, VIVIAN
1165	MATTHEWS, DISHAWNA
1168	BRACEY, HOLLEY
1169	RICKS, CARLTON
1171	WILLIAMS, ANGELA Y
1172	BELL, CHARLES E
1174	STITH, MARION
1175	RICKS, LINDA
1176	DIXON, K
1177	MORRIS, VINCENT
1180	CURTIS, VELISA M
1182	VAUGHAN, LATISHA R
1183	WHITE, CHARLES M
1184	SMALLS, JACKIE
1185	HOLT, SHARON A
1187	MILLS, WARDELL
1189	JONES, CURTIS A
1191	BLAIR, DESIREE

## SAINT PAULS BLVD 2005

100	DELIA MYONG YO JUDICIARY COURTS CMNWLTH OF VA
125	BEREAN LAW GROUP PC CHESAPEAKE SHEET METAL INC COAST LINE EVENTS INC COMPUTER TECHNOLOGY COVINGTON JAMES B CTA INCORPORATED CULLEN GIBSON B DAINAMAR INC DALTON WALTER B DELAWARE CORNERSTONE BUILDERS ELIJAH FOUNDATION INC HILDEBRAND KEN MELTON J CAROLL ORTHOCARE SOLUTIONS SENSE RESOURCE CENTER INC SHANNON EUGENE W UNDER CUTTER TREE SERVICE INC WORLD SAVINGS BANK FSB
201	SAINT PAULS EPISCOPAL CHURCH
210	MONTAGNA & MONTAGNA P C
300	BANK OF AMERICA NA CHINESE TEA GARDEN INC LLL FOOD MART PLAZA FOOD MART POLYZOS ENTERPRISES INC SARATOGA FOOD GROUP NOVA 4 LLC VARIETY WHOLESALERS INC
400	COBB DAVID N FOCUS INC
411	EASTERN VIRGINIA MEDICAL SCHL
415	ACCESS UNLIMITED/HOLMES INC AD-MENUS MEDIA BOUSH STREET HOLDINGS LLC COASTAL RESOURCE GROUP LLC DJACK CONSTRUCTION CO ERMLICH ARTHUR C FURNITURE & MORE INC GLOBAL REAL ESTATE INVESTMENT GOLDBALTT LIPKIN COHEN PC GOLDBLATT COHEN & LEGUM PC PRESTIGIOUS LADIES INT ROTUNDA BUILDING ROVER INDUSTRIES INC
418	SAINT PAULS TEXACO
740	GREAT SALES CONNECTIONS

**WALKE ST 2005**

401 LASSITER, DOLSIALEEN R  
405 SKINNER, PAMELA  
407 PERRY, TRUDY A  
411 BANKS, URSULA A  
413 FORD, CANDICE  
419 ADAMS, ANGELA  
421 STEPHENSON, LIQUEENA  
427 JONES, HATTIE M  
429 ROSEMOND, ELISA  
433 ROGERS, MAROLYN  
435 BLOUNT, VIOLA  
437 EDWARDS, TIFFANY  
439 HALL, JACQUELINE  
443 SIMMONS, ETHEL  
449 BROOKS, MICHAEL L  
451 POOLE, CRYSTAL  
455 WHITE, KENDALL  
457 WASHINGTON, LAVERNE  
459 RHOADES, EILEEN T



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**WOOD ST 2005**

815	CHRIST PENTECOSTAL CHURCH
	MOSES L DAVIS SR
913	NAHRA, ERIC
1095	HALL, DON

## CHAPEL ST 2000

310	BROADNAX, RADA
312	THOMAS, MARY E
314	JORDAN, MICAH D
316	MULLEN, T
317	PRIDE IN PARENTING
400	MITCHELL, J A
414	BROWN, D S
417	BENNS, KATRINA
419	JOHNSON, O
420	ASKEW, ROSA
421	PERRY, M
422	GOODALL, DELORIS
424	HILL, CORINNE
425	PAMP, N
426	SCOTT, WILLIE M
429	AUSTIN, JOHN
430	HART, LATONYA
431	JOHNSON, ELAINE
433	COFIELD, EVERETT T
436	HAGANS, ANNIE E
442	SPENCER, C
445	MCINNIS, REGINA
453	JOHNSON, FELICIA R
459	WIGGINS, C A
463	GRIFFIN, M B
730	WILLIAMS, L
734	DAVIS, TARRA M
738	MINGGIA, M
742	ALSTON, ELMIRA E
744	CHILDS, MYRON D
750	WHITNEY, JOHNNY
752	FUTRELL, REATHA
754	WILLIAMS, LAMOND D
756	LITTLE, RUFUS A
1101	THOMAS, C
1107	BAKER, MICHEAL
1110	AUSTIN, S A
	BORDERS, RIKITA
	HARDISON, B
	HUDGINS, ROSALI V
	JENNINGS, F
	JOHNSON, A
	RIDDICK, FLOYD N
	RIVERS, JUEL
	SHANNON, GLADYS L
	SHIELDS, M
	WHITEHEAD, G
	WRIGHT, ANDREA P
1113	HOWARD, C
1404	BANKS, ALETA



**CHAPEL ST      2000      (Cont'd)**

1404    JOHNSON, BEN  
1405    WEB, HENRY  
1437    PARHAM, EUGENE  
1453    WILLIAM, TEKO J  
1455    BAKER, JAMES E  
1457    WILLIAMS, THERESA L  
1459    DAVIS, T M  
1461    WILKERSON, A  
1463    MOODY, FANNIE  
1465    LEE, J  
1477    WASHINGTON, GARLAND

**DOWNTOWN PLZ 2000**

- 1 BANK OF AMERICA NA
- 31 HORTENSES BARBER SALON
- 42 ROLANDS AUTO SERVICE CENTER

**HOLT ST 2000**

921 ROMAN CATHLIC DIOCESE RICHMOND  
1000 OBLATE SISTERS OF PROVIDENCE  
ROMAN CATHLIC DIOCESE RICHMOND  
1027 SPENCE, MAMIE R  
1029 MOORE, WILLIAM  
1040 PARSON, ROSA M  
1046 JONES, M  
1050 MILLER, JULIA  
1051 CLEVELAND, I C  
1061 JONES, K  
1063 WILLIAMS, M L  
1065 DEAL, D M  
1068 ALLEN, TAMEKA  
1071 JENKINS, ANTHONY A  
1073 LANGLEY, GLORIA  
1100 POWE, M  
1102 BISHOP, K O  
1104 SCOTT, ANNETTE E  
1108 LEWIS, CARTINA  
1109 SIMMONS, SUSIE  
1111 THOMAS, ROBERT  
1112 DAVIS, BESSIE  
1113 MILBURN, SARAH  
1115 MCKINNON, TABITHA T  
1116 BROWN, SHERRY  
1121 SUNKINS, ALICE  
1124 HENDERSON, JOYCE  
1129 LAVELL, DOMINIQ  
1131 MOORE, S Y  
1141 POST, C M  
1143 COLLINS, RONALD  
1146 FLYTHE, SHIRLEY  
1147 CARRINGTON, SHIRLEY  
1150 CARTER, VANESSA  
1151 RIVERS, JEAN A  
1156 GRAVES, SAMUEL L  
1160 DAVIS, T  
1161 ROSEBORO, E Y  
1166 FLOOD, J  
1174 STITH, MARION  
1177 MORRIS, VINCENT  
1178 CASON, LILLIE V  
1182 COWELL, K  
1187 GAYNOR, ANTONIO

**SAINT PAULS BLVD 2000**

- 100 FULTON III JUNIUS P
- 125 ANDRULIS CORPORATION
- ASSOCIATED COURT REPORTERS
- BEREAN LAW GROUP PC
- CARTER & COLEMAN PLC
- CENTER FOR DISPUTE RESOLUTIONS
- CHOVITZ ELI S
- COHN LOUIS H LAW OFFICES OF
- COMMANDER MARY G PC
- COMPENSATION SERVICES INC
- COVINGTON JAMES B
- DELAWARE CORNERSTONE BUILDERS
- EXECUTIVE OFFICE NETWORK LTD
- FAMILY SERVICES INC
- GIBSON B CULLEN
- GOURMET GANG
- HARDESTY & HANOVER LLP
- HARMON HARRY D JR LAW OFFICE
- HILDEBRAND KEN
- MASON & BATLINER PC
- MELTON J CAROLL
- POWELL MANAGEMENT ASSOCIATES
- SABRE SYSTEMS INC
- STG INC
- TIDEWATER LEGAL AID SOCIETY
- TRANSAMERICA BUSINESS CR CORP
- 201 SAINT PAULS EPISCOPAL CHURCH
- 210 MONTAGNA & MONTAGNA P C
- 300 POLYZOS ENTERPRISES INC
- POPEYES CHICKEN & BISCUITS
- VARIETY WHOLESALERS INC
- 400 MC DONALDS RESTAURANT
- 415 BANK OF HAMPTON ROADS THE
- GOLDBALTT LIPKIN COHEN PC
- GOLDBLATT LPKIN COHEN LEGUM PC
- MONTAGNA KLEIN & CAMDEN
- RUTTER WALCH MILLS & RUTTER
- WILLIAMS EARLE H II
- 418 SAINT PAULS TEXACO
- 494 DIMAC CORPORATION

**WALKE ST 2000**

401	LASSITER, D
405	SKINNER, P
407	OSBEY, TRUDY A
411	BANKS, URSULA
419	HARRELL, GEORGE L
421	WHITAKER, MATTER P
423	COLEMAN, DELLA
427	JONES, HATTIE M
433	ROGERS, MAROLYN
435	SMITH, W M
437	OBRYANT, D
441	MORRING, C
447	MASON, FLORA
453	WOODHOUSE, M



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**WOOD ST 2000**

815 DAVIS, MOSES L

## CHAPEL ST 1995

312	THOMAS, MAE
314	WILSON, ZENOBIA
316	OCCUPANT UNKNOWNN
317	ST MARYS INFANTS HOME INC
318	OCCUPANT UNKNOWNN
320	OCCUPANT UNKNOWNN
322	DANIELS, SHANDA
324	WILLIAMS, R
326	OCCUPANT UNKNOWNN
328	OCCUPANT UNKNOWNN
400	MITCHELL, J A SR
402	MILLER, D L
404	HUNTER, ALJENIA
406	LAWRENCE, FRANK E
408	BLOUNT, DALPHIN
410	OCCUPANT UNKNOWNN
411	OCCUPANT UNKNOWNN
412	OCCUPANT UNKNOWNN
413	OCCUPANT UNKNOWNN
414	BROWN, D S
415	OCCUPANT UNKNOWNN
417	BILLUPS, FAE
419	OCCUPANT UNKNOWNN
420	ASKEW, ROSA
421	OCCUPANT UNKNOWNN
422	GOODALL, DELORIS
425	PAMP, N
426	SCOTT, WILLIE M
428	BURDEN, CARLEEN Y
429	AUSTIN, JOHN JR
430	OCCUPANT UNKNOWNN
431	JOHNSON, ELAINE
433	JONES, EARLE E
434	OCCUPANT UNKNOWNN
435	OCCUPANT UNKNOWNN
436	OCCUPANT UNKNOWNN
438	BURRUS, JOSETTE
440	OCCUPANT UNKNOWNN
441	SMITH, ALMETA
442	OCCUPANT UNKNOWNN
443	OCCUPANT UNKNOWNN
444	OCCUPANT UNKNOWNN
445	MCINNIS, C
447	OCCUPANT UNKNOWNN
448	WELCH, REBECCA
453	OCCUPANT UNKNOWNN
455	OCCUPANT UNKNOWNN
457	OCCUPANT UNKNOWNN
461	SPELLMAN, RUTH
463	GRIFFIN, M B

**CHAPEL ST 1995 (Cont'd)**

564	HARRELL, GILMER
726	OCCUPANT UNKNOWNN
728	BACKUS, LASHAWN
730	WILLIAMS, L
732	OCCUPANT UNKNOWNN
734	AMOS, TOUNYA
736	WIGGINS, LORETTA
738	MINGGIA, M
740	OCCUPANT UNKNOWNN
742	ALSTON, ELMIRA
744	BROADWATER, A
750	OCCUPANT UNKNOWNN
752	FUTRELL, REATHA
754	OCCUPANT UNKNOWNN
756	OCCUPANT UNKNOWNN
1100	OCCUPANT UNKNOWNN
1101	THOMAS, CAROLYN A
1107	BAKER, MARY
1110	CHERRY, F
	JOHNSON, D M
	JONES, A S
	KEELING, D
	RIDDICK, FLOYD N
	THARRINGTON, JAMES
	WOODHOUSE, M
1113	HOWARD, C
1231	LEGEAR, R E
	MATTHEWS, RODNEY
	PERRY, C T
	ROBERTS, R
1245	CALDWELL, ROB
	STEIN, LARRY
1253	BROBJORG, JAMES C
	ENGELSKIRCHEN, DAVID
	WILSHUSEN, JOHN D
1404	BRITT, DONALD
	JOHNSON, BEN
1405	WEBB, HENRY JR
1429	OCCUPANT UNKNOWNN
1431	BURWELL, EMMA
1433	GIBSON, KATHY R
1435	OCCUPANT UNKNOWNN
1437	OCCUPANT UNKNOWNN
1439	OCCUPANT UNKNOWNN
1451	GREEN, ALFRED
1453	OCCUPANT UNKNOWNN
1455	BAKER, JAMES E
1457	OCCUPANT UNKNOWNN
1459	BROWN, ROSA
1461	OCCUPANT UNKNOWNN



**CHAPEL ST      1995      (Cont'd)**

1463    MOODY, FANNIE A  
1465    LEE, J  
1477    ANDERSON, C  
11102    ARRINGTON, A L SR



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**DOWNTOWN PLZ 1995**

- 1 NATIONSBANK N A
- 4 LIBERAL CLOTHIERS INC
- 7 VIRGINIA FURNITURE CO
- 10 SUMNER STORES CORPORATION
- 21 HAIR & STUFF BEAUTY SUPPLY
- 31 HORTENSES BARBER SALON
- 41 ROBBINS A FURNITURE CORP
- 42 ROLANDS AUTO SERVICE CENTER



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**DOWNTOWN PLZ SHOPG CTR 1995**

19	PLAZA BEAUTY SUPPLY
32	REVCO DS INC

**HOLT ST 1995**

921 ROMAN CATHLIC DIOCESE RICHMOND  
1000 ROMAN CATHLIC DIOCESE RICHMOND  
1025 OCCUPANT UNKNOWNN  
1027 OCCUPANT UNKNOWNN  
1029 MOORE, WILLIAM  
1031 WILLIAMS, ANGELA  
1033 MILES, CYNTHIA L  
1035 WRIGHT, ANNETTE  
1037 OCCUPANT UNKNOWNN  
1040 PARSON, ROSA M  
1041 HILL, MELODY  
1042 NORFLEET, M  
1043 OCCUPANT UNKNOWNN  
1044 TYLER, ALFONZO  
1046 PERRY, A  
1047 CARTER, EULA  
1048 MACK, KEITH  
1050 OCCUPANT UNKNOWNN  
1051 CLEVELAND, BETTY  
1053 OCCUPANT UNKNOWNN  
1054 OCCUPANT UNKNOWNN  
1056 BROWN, P  
1058 OCCUPANT UNKNOWNN  
1060 OCCUPANT UNKNOWNN  
1062 JONES, S  
1063 OCCUPANT UNKNOWNN  
1064 STEVENSON, ANTOINE  
1065 DEAL, D M  
1066 STENNETT, REGINA  
1067 OCCUPANT UNKNOWNN  
1068 BRYANT, SARA V  
1069 SCOTT, LILLIE  
1071 OCCUPANT UNKNOWNN  
1073 LANGLEY, GLORIA  
1075 OCCUPANT UNKNOWNN  
1100 POWE, M  
1101 OCCUPANT UNKNOWNN  
1102 OCCUPANT UNKNOWNN  
1103 OCCUPANT UNKNOWNN  
1104 OCCUPANT UNKNOWNN  
1105 OCCUPANT UNKNOWNN  
1106 WILSON, DEXTER  
1107 BURRUS, FAMILIA  
1108 LEWIS, CARTINA  
1109 WILLIAMS, MARY  
1110 YANCEY, S  
1111 SPENCER, L Y  
1112 HIGH, SANDRA L  
1113 MILBURN, SARAH  
1114 BROWN, RONNIE C

**HOLT ST 1995 (Cont'd)**

1114	HINTON, E
1115	OCCUPANT UNKNOWNN
1116	BROWN, SHERRY
1117	MACK, K
1119	THOMAS, BEVERLY
1121	SUNKINS, ALICE
1122	OCCUPANT UNKNOWNN
1123	OCCUPANT UNKNOWNN
1124	OCCUPANT UNKNOWNN
1125	OCCUPANT UNKNOWNN
1127	OCCUPANT UNKNOWNN
1128	OCCUPANT UNKNOWNN
1129	OCCUPANT UNKNOWNN
1130	OCCUPANT UNKNOWNN
1131	OCCUPANT UNKNOWNN
1134	MCCOLLUM, ISIAH
1135	SKINNER, AUDREY
1136	OCCUPANT UNKNOWNN
1138	OCCUPANT UNKNOWNN
1139	ANDERSON, CHARLES A
1140	OCCUPANT UNKNOWNN
1141	OCCUPANT UNKNOWNN
1143	DOZIER, MARIE J
1144	OCCUPANT UNKNOWNN
1145	OCCUPANT UNKNOWNN
1146	FLYTHE, SHIRLEY
1147	CARRINGTON, SHIRLEY ROBINSON, SHARON Y
1148	ELLIOTT, SABRINA
1149	OCCUPANT UNKNOWNN
1150	CARTER, VANESSA
1151	OCCUPANT UNKNOWNN
1152	SMITH, J
1153	OCCUPANT UNKNOWNN
1154	LEE, DALTON E
1155	SAUNDERS, TERESA
1156	OCCUPANT UNKNOWNN
1157	MCEACHIN, LILA
1158	OCCUPANT UNKNOWNN
1159	JONES, WILLIE M
1160	OCCUPANT UNKNOWNN
1161	MCNEAL, FLOZELL
1162	OCCUPANT UNKNOWNN
1163	OCCUPANT UNKNOWNN
1165	OCCUPANT UNKNOWNN
1166	FLOOD, J
1167	OCCUPANT UNKNOWNN
1168	OCCUPANT UNKNOWNN
1169	PARKER, V D
1170	OCCUPANT UNKNOWNN

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**HOLT ST      1995      (Cont'd)**

1171    OCCUPANT UNKNOWNN  
1172    HICKLIN, ANGELA  
1173    OCCUPANT UNKNOWNN  
1174    STITH, M  
1175    RICKS, LINDA  
1178    CASON, WENDELL C  
1179    LEONARD, ORALEE  
1180    OCCUPANT UNKNOWNN  
1181    OCCUPANT UNKNOWNN  
1182    OCCUPANT UNKNOWNN  
1183    OCCUPANT UNKNOWNN  
1184    OCCUPANT UNKNOWNN  
1185    OCCUPANT UNKNOWNN  
1187    THOMAS, Q  
1189    WILLIAMS, MARY C  
1191    PEOPLES, ROSE

## SAINT PAULS BLVD 1995

100	CIRCUIT CLERKS OFFICE JUDICIARY COURTS CMNWLTH OF VA PROBATION & PAROLE VIRGINIA DEPT CORRECTIONS
125	ASSOCIATED COURT REPORTERS BABINEAU JON MICHAEL CENTER OF DISPUTE RESOLUTIONS COHN LOUIS H COMPENSATION SERVICES INC COMPUSOFT COX CABLE HAMPTON ROADS INC DICKEY PATRICIA B FFP SECURITIES INC GIBSON B CULLEN GULICK GUSTIN REED & MARTIN HILDEBRAND KEN HUBARD TAZEWEELL T III ATTY JONES & CARLSON MASS MEDIA MARKETING INC MIRMAN ALAN S NORFOLK FINANCIAL CORP OFFICES UNLIMITED INTL O MOR I POWELL MANAGEMENT ASSOCIATES ROWLANDS & ASSOC PC SEBOK ANDREW R SHANNON EILEEN K PC SMITH ROBERT MCLANAHAN III SUTTON II PAUL E ESQUIRE
201	DIOCESE OF SOUTHERN VIRGINIA
300	TIDEWATER GROUP THE INC
400	AMERICOMM DIRECT MARKETING MCDONLDS RSTURANTS OF VIRGINIA
402	MOSQUERA G & KONEFAL J
411	MEDICAL CLLEGE OF HMPTON RADS OAK LEAF PARK HEAD START CTR
415	GOLDBLATT LIPKIN COHEN PC INTERNATL LONGSHOREMN ASSOC NORFOLK CITY RUTTER AND MONTAGNA STOP HEADSTART PROGRAM WILLIAMS EARLE H II

**WALKE ST 1995**

401 LASSITER, D  
403 OCCUPANT UNKNOWNN  
405 SKINNER, PAMELA  
407 OCCUPANT UNKNOWNN  
409 OCCUPANT UNKNOWNN  
411 BANKS, URSULA  
413 PERRYMAN, D  
415 OCCUPANT UNKNOWNN  
419 HARRELL, GEORGE L  
421 WHITAKER, MATTER P  
423 OCCUPANT UNKNOWNN  
425 OCCUPANT UNKNOWNN  
427 JONES, HATTIE M  
429 OCCUPANT UNKNOWNN  
433 ROGERS, MAROLYN  
435 OCCUPANT UNKNOWNN  
437 OBRYANT, D  
439 JOYNER, J  
THOMAS, R  
441 OCCUPANT UNKNOWNN  
443 SIMMONS, LONNIE  
447 MASON, FLORA  
449 SCOTT, D  
451 OCCUPANT UNKNOWNN  
453 OCCUPANT UNKNOWNN  
455 RIVETS, VANDORA  
457 WASHINGTON, LAVERNE  
461 KITTRELLE, LUCINDA



**CHAPEL ST 1992**

232 ST MARYS CHRCH OF IMMCLATE CNC  
312 THOMAS, MARY E  
314 TAYLOR, HATTIE M  
317 ST MARYS INFANTS HOME INC  
320 SCOTT, R M  
400 MITCHELL, J A SR  
404 HUNTER, ALJENIA  
408 BLOUNT, D  
411 BALLANCE, J  
414 BROWN, D S  
419 SPENCER, SALLIE  
420 ASKEW, ROSA  
422 GOODALL, DELORIS  
428 HUNTER, G H  
431 JOHNSON, ELAINE  
434 COUTHER, BEULAH  
436 HAGANS, ANNIE E  
441 CROOM, NELLIE M  
444 NORMAN, M  
447 MASON, FANNIE M  
448 WELCH, REBECCA  
525 ASTON, DONALD K  
564 HARRELL, GILMER  
722 JOHNSON F A INTEREST  
726 BANKS, MARY L  
730 WILLIAMS, L  
732 KING, JUNE  
736 WIGGINS, LORETTA  
738 MINGGIA, M  
742 ALSTON, ELMIRA  
752 FUTRELL, REATHA  
760 MILLER, MATTIE  
1100 KEELING, D  
1107 BAKER, MARY  
1110 DRUMGOLD, C  
KEELING, S  
MCGILL, S  
MINTER, JAMES  
WILSON, L  
YOUNG, M H  
1113 HOWARD, C  
1404 HYMAN, M  
JOHNSON, C G  
1405 WEBB, HENRY  
1435 CABARRUS, G  
1457 ELEY, JOHNNY  
1465 LEE, J JR  
1475 ELEY, ANNIE  
1477 ANDERSON, C  
11104 JOHNSON, D M

**CHAPEL ST 1992 (Cont'd)**

11106 WHITE, LAVONNE  
14313 EPPS, LILLIAN C

### DOWNTOWN PLAZA SHOP CT 1992

19	PLAZA BEAUTY SUPPLY
32	REVCO D S INC

**DOWNTOWN PLAZA SHOP CTR 1992**

4 MYERS J A & SONS INC

**DOWNTOWN PLZ 1992**

- 1 NATIONS BANK OF VIRGINIA
- 7 VIRGINIA FURNITURE CO
- 10 SUMNER STORES CORPORATION
- 21 HAIR & STUFF BEAUTY SUPPLY
- 31 HORTENSES BARBER SALON
- 36 BONNIE BE-LO MARKETS INC
- 41 ROBBINS A FURNITURE CORP
- 42 ROLANDS AUTO SERVICE CENTER

**HOLT ST 1992**

921	CATHOLIC DIOCESE OF RICHMOND
1000	BALTIMORE PROV-SRS NOTRE DAME
1025	LITTLE, DELSIE
1040	PARSON, ROSA M
1042	NORFLEET, M
1046	JONES, MAY E
1047	SALAAM, P K
1048	LEWIS, F
1056	BROWN, P
1065	LANGLEY, CYNTHIA
1069	SCOTT, LILLIE
1073	LANGLEY, GLORIA
1100	MOYLER, A
1103	BELL, LONNIE L
1109	MITCHELL, WALLACE
1111	SPENCER, L Y
1114	BROWN, RONNIE C
1117	GRIFFIN, M B
1121	SUNKINS, ALICE
1122	OUTLAW, M O
1129	LAVELL, D
1131	PAYTON, JOSEPH B
1134	THOMAS, QUEENIE
1136	BILLUPS, SHIRLEY
1139	ANDERSON, CHARLES A
1143	PARKER, E
1146	FLYTHE, SHIRLEY
1147	CARRINGTON, SHIRLEY STITH, M
1150	MORRIS, LANDORA
1153	WHITE, DONALD
1155	SANDERS, TERESA
1157	MCEACHIN, LILA
1159	JONES, WILLIE M
1161	MCNEAL, FLOZELL
1165	GRAY, DARLENE
1166	FLOOD, J
1175	THOMAS, M L
1177	GRAY, NANNIE D
1178	CASON, WENDELL C
1179	LEONARD, ORA L
1183	BRYANT, S V
1189	WHITE, WILMA

**SAINT PAULS BLVD 1992**

- 100 CIRCUIT CLERKS OFFICE  
PROBATION & PAROLE  
SUPREME COURT
- 125 ANDERSON E JANE  
COPYTRON  
DICKEY PATRICIA B  
HENRY R GARDEN III  
HUBARD TAZEWEILL T III ATTY  
JONES LEMLEY & CARLSON  
MIRMAN ALAN S  
PARK MAINTENANCE SERVICES INC  
PATRICIA LEMLEY GARNER  
SMITH ROBERT MCLANAHAN III  
WIMBLEDON ON THE BAY INC
- 201 SAINT PAULS EPISCIPOL CHURCH
- 300 THE TIDEWATER GROUP INC
- 400 AMERICOMM DIRECT MARKETING
- 402 MOSQUERA G & KONEFAL J
- 411 IDA BARBOUK HEAD START CENTER
- 415 ERMLICH ARTHUR C  
GOLDBLATT LIPKIN COHEN ANDERSN  
I L A LOCAL 1819  
INTERNATIONAL LONGSHOREMENS  
NEW ATLANTIC BANK  
NORFOLK CITY  
R & H GENERAL CONTRACTOR INC  
RUTTER AND MONTAGNA

**WALKE ST 1992**

- 411 MHATRE, LELIA
- 421 GODWIN, E M
- 423 COLEMAN, DELLA
- 435 JONES, HATTIE M
- 443 THOMAS, J
- 451 COWELL, E M
- 461 SPRUILL, AUSTINE



## CHAPEL ST 1986

6

CHAPEL ST —FROM 900 VIRGIN ST  
NORTHEAST 1 SOUTHEAST OF  
FENCHURCH

ZIP CODE 23504

232 Saint Mary's Catholic Church 622-4487

## HOLT INTERSECTS

310 Broadnax R Pearl Mrs

312 Thomas Mary E Mrs 627-1446

314 Taylor Hattie E Mrs

316 Williams Virginia T 625-3852

317 Saint Mary's Infant Home 622-2208

318 Brown Willie E 622-2446

320 Phillips Viola A 625-5753

322 Joyner Barbara J

324 Lewis Ann L Mrs

326 Holliday Dorothy L

328 Johnson Villa M 623-3880

10

## MARINER INTERSECTS

400 Mitchell Esther N Mrs 625-7589

402 Simmons Ruth T 627-8522

404 Wilson Wm H 625-5982

406 Matterson Eliz 627-5967

408 Blount Dalphine V

410 Carrington Theresa Mrs

411 Ballance Josephine

412 Simons Nona P 623-5460

413 Respass Minnie M

414 Brown Danl L 625-6957

415 Best Geo

417 Little Bessie M Mrs

418 No Return

419 Spencer Sallie M Mrs 627-3306

420 Askew Rosa D Mrs 623-2250

421 Copeland Beatrice

422 Goodall Deloris C Mrs 627-5913

424 Carrington Shirley J 623-7456

425 Bland Donnie M Mrs

426 Scott Lewis H 627-4509

427 Davis Estelle F 625-5512

428 Hunter Barnabas M 622-2227

429★Clinnscales Nellie

430 Pittman Lisa R

431 Johnson Harry Jr 627-6057

433★Pearson Andy ©

434 Couter Beulah 627-3831

435 Jones Benj C 622-3022

436 Hagans Anna E

## HOLT ST 1986

HOLT ST —FROM 200 CHURCH  
SOUTHEAST 1 NORTHEAST OF E CITY  
HALL AV

6

ZIP CODE 23504  
FENCHURCH INTERSECTS  
CHAPEL INTERSECTS  
921 Saint Mary's Academy 622-7246  
1000 St Mary's Academy (Ofc) 622-4487  
1023 Whitaker Belinda D ©  
1025 Little Delsie J Mrs 623-7995  
1027 Boyle Barbara Sister 627-5213  
1029★Fraizer Stacy R 640-1547  
1031 Hayes Christine H  
1033★Edmonds Sheila 627-4324  
1035 Harris Vivian L Mrs  
1037 Youngblood Mary G Mrs 623-9064  
1040 Parson Rosa M Mrs 627-8994  
1041 Walston Ernestine D  
1042 Richardson Mary S  
1043 Roundtree Paulette  
1044 Cherry Margt H Mrs 623-1023  
1045 Harris Celestine E 623-9083  
1046 Jones May E 627-2204  
1047 Plummer Virgie  
1048 Price Willie B Mrs 622-9677  
1049★Lee Ernest H 623-3616  
1050 Smallwood Vernita 624-1393  
1051 Cleveland Betty A Mrs  
1053 Turner Diane O 622-6218  
1054 Gunter Lucille W Mrs 627-2801  
1055 Land Lobeliah C 627-9086  
1056 Stringfield Lillian R Mrs  
1058 Wilson Mable P  
1060 Gainer Juliet T  
1061 Hunt Helen H Mrs 623-1098  
1062 Nowell Barbara J Mrs 622-9964  
1063 Smith Jacqueline D 627-5726  
1064 Marcus Rosa B 625-3009  
1065 Deal Deloris M 622-0388  
1066 Smith Alberta  
1067 Norfleet Margt S Mrs  
1068 Powell George L 627-9024  
1069 Scott Lillie G Mrs 627-9657  
1071 Goodwin Helen G 623-5612  
1073 Langley Gloria J nurse 623-7163  
1075 White Maryland L Mrs  
1100 Moyler Arlethia L 622-1636  
1101 Jones Vernetta E  
1102 King Cynthia  
1103 Brown  
1104 Hoggard Lillie B Mrs  
1105 No Return  
1106 Smith Rebecca J  
1107 Williams Sharon A 627-3119  
1108 Lewis Carolyn D 625-8273  
1109 Barnes Lucille D  
1110 Yancey Denise  
1111 Martin Joseph 623-2268  
1112 Ruffin Vernicia  
1113 Mercer Sarah E 624-6613  
1114 Flemmon Joseph 622-2235  
1115 Mc Clendon Grace E Mrs 622-6489  
1116 Sherrod Tenuisha N  
1117 Griffin Minnie C  
1118★Knox Alexander 623-3244  
1119 Person Louise M Mrs 622-5730  
1121 Collins Marie A 622-9871  
1122 Outlaw Marie P 627-9484  
1123 Thompson Robert L 623-5668  
1124 Fulford Clarise  
1125 Childs Lawanna 623-5168  
1126 Clemons Rosa L 627-5813  
1127 Walker Patrice  
1128 Wayne Mary M Mrs  
1129 Marsh Jennifer M 624-1543  
1130★Williams Joyce  
1131 Cornish Altehda R Mrs 627-1665  
1132 Uzzle Mary M Mrs  
1133 Fennell Margt  
1134 Daley Kimberly R  
1135 Skinner Audrey R Mrs  
1136 Billups Shirley M 622-2408  
1137 Leary Louise Mrs 627-8792  
1138★Mason Jean  
1139 Anderson Eldora E 623-2508  
1140 Kornegay Rosetta V  
1141 Sivells Thelma D Mrs  
1143 Parker Eliz Mrs 625-4601  
1144 Lee Garris 625-0856

## HOLT ST 1986

HOLT ST—Contd		45
1145★Carter Willie		45
1146 Morris Willie		45
1147 Carrington Shirley M 625-1559		45
1148 Rodgers Camilla Mrs		46
1149 Riddick Eula M Mrs 622-7244		46
1150 Morris Landora 625-4182		
1151 Rivers Jean 622-8480		50
1152 Skinner Anita D		51
1153 Edler Mary E 627-0598		—
1154 Lee Helen B Mrs 623-0552		—
1155 Sanders Teresa J Mrs 622-6439		—
1156 Graves Shinatta M 623-0295		H
1157 Mc Eachin Lila B 623-2594		
1158 Collins Annette B Mrs		
1159 Jones Willie M Mrs 623-0594		75
1160 Wellons Mary I 623-0261		75
1161 Mc Neal Flozell H Mrs 623-0300		75
1162 Sommerville Cynthia L		75
1163 Copeland Bertha 627-8412		75
1165 Bryant Sara V Mrs 623-3007		75
1166 Lankford Dorothy S Mrs 625-6918		75
1167 White Wilma D Mrs 623-3058		75
1168 Jones Virginia 625-7659		75
1169 Parker Vernetta		75
1170 Evans Doris V		75
1171 Davis Hannah L Mrs 622-8543		75
1172 Sullivan Julia M 623-5159		—
1173 Morris Vincent 623-8532		—
1174 Stith Marion D		F
1175 Knight Flora E Mrs 625-6912		
1176 Fennell Ruby D Mrs		
1177 Gray Nannie M Mrs 623-1298		
1178 Cason Lillie V Mrs 622-7728		7
1179 Leonard Ora L Mrs 627-7521		7
1180 Bullock Gertrude 622-2823		7
1181 Edwards Perry J 622-8667		7
1182 Douglas Ruth B 625-0459		7
1183 Bryant Willie L 625-6949		7
1184 Clary Theresa Mrs		7
1185 Brinkley Thelma L 623-5816		7
1187 Simmons Lonnie G ©		
1189 Jones Bettie M Mrs 627-8981		—
1191 Valentine Christine B 622-7569		I

UNDER SAME OVERVIEW

**SAINT PAULS BLVD 1986**

381

<b>ST PAUL'S BLVD—Contd</b>		400 Colonial Coast Girl Scout Council 625-5805
1310 Vacant		600 State Probation & Parole (Div Of Adult Serv) 623-8417
1312 Furniss Davis & Rashkind Iwyr 625-8286		609 Vacant
1400 Flagship Group Ltd The ins 625-0938		700 Vacant
1401 Vacant		720 Breit Rutter & Montagna Iwyr 622-5000
1402 Vacant		<b>CHARLOTTE INTERSECTS</b>
1404 Failes Mc Michael & Associates cpa's 622-7789		<b>BUTE INTERSECTS</b>
1410 Howard Hancock Howard Iwyr 624-1309		<b>BRAMBLETON AV INTERSECTS</b>
1414 Richards Don Associates employment servs 622-5750		700 Hyman Cynthia L 622-9078
1502 Edwards A G & Sons Inc stock brokers 622-8261		702 No Return
1505 Moss & Callahan Iwyr 623-5345		704 Artis Gertrude N
1508 Vacant		706 Harvey Ruth V Mrs 623-5667
1510 Weinberg & Stein Iwyr 627-1066		708 Isler Roslyn
1515 Vacant		710 Saunders Lula Mrs 623-6785
1605 Marsh & Mc Lennan (Overflow)		712 Mc Neil Bonita
1609 Vacant		714 Rogers Marie 625-0457
1610 Vacant		716★Taylor Celestine 627-6161
1612 Consortium Of The Commonwealth The trng & dev concepts		718 Russell Nannie B Mrs
Management Dynamics Center The 625-5249		720 Broadnar Julia M 623-7566
Training & Development Concepts 626-2691		722 Smith Page 625-1272
1700 Breeden Mac Millan & Green Iwyr 622-1111		724 Mosby Spencer 622-4947
25 St Paul Building		726 Peyton Nellie N 625-3008
Suites		728 Carroll Rene
101 Federal Express (Business Serv Cntr)		730 Smith Mary R 623-2686
103 Vault The safety deposit facility 623-6767		732 Bolton Freddy
300 Jones Lemley & Carlson Iwyr 627-6568		734 Grimes Carolyn Mrs 622-8344
301 Manpower Temporary Services 627-1106		736 Fentress Jennifer L 622-6581
302 Waters Belinda D Reporting Services 623-9308		738 Harrison David E 622-7543
310 Marepcon Financial Corp 627-8880		740 Gilliam Ruth S 622-8021
Floors		742 Wilson Patricia 623-1510
5th Fl Vacant		744 Brown Darlene K 623-7349
1400 Stackhouse Rowe & Smith Iwyr 623-3555		746 No Return
25 Stackhouse Rowe & Smith Iwyr 623-3555		748★Harvey Gloria
125 Spence Financial Group 625-4611		750 Wade Theresa Y 625-7391
		752 Flowers Fannie M Mrs 625-2768
		754 Grooms Florine 623-0251
		756 Brown Lola 623-2167
		758 Humphries Linda
		760★Collins Robt 627-8806
		762 Cooper Clara L Mrs
		764 Ensley Wm H 625-3422
		766 Smith Glenton B Mrs 623-7199
		768 Taylor Jessie M 623-9007
		770 No Return
		772 Gordon Bessie J Mrs 625-7468
		774 Wright Kath R Mrs 623-8569
		776 Williams Mildred R Mrs 627-7209
		778 Hudson Wm
		780 Atkins Mamie L 622-7357
		782 Watford Eula M Mrs 625-5614
		784 Perry Delores 625-4210
		786 Robertson Lina D 625-2138
		788 Thomas Shirley 623-2054
		790 Barnes Nancy R 623-2121
		792 Skinner Claudia L 625-2662
		794 Collins Margie 625-3798
		796 Jones Eleanor 622-2597
		<b>E OLNEY RD INTERSECTS</b>
		800 Elliot Alexzine 625-0710
		802 Palmer Melody 625-3504
		804 Lucas Madeline J Mrs 627-6906
		806 Brown Eva J 623-5479
		808 Gibson Audrey L 622-3137
		810 Belcher Valjean 625-3632
		812 Woodard Johnnie 625-7504
		814 Branch Clara M 622-6828
		818 Hall Mary R Mrs 622-4790
		820 Daniels Geneva R Mrs 622-0534
		822★Ferebee Saml L 627-8655
		824 Walker Mary P Mrs 622-1454
		826 Felton Mary Mrs 623-8843
		828 Greene Lendore L 622-8816
		830 Clary Regina
		832 Singleton Ceola B Mrs 623-4168
		834 Brooks H Ellen 627-7248
		836 Boykins Marylee J
		838 Donaldson Lonna M 627-2603
		840 Skinner Patricia A 622-7186
		844 Winstead Mary R 622-6529
		846 Heard Brenda L Mrs 625-4538
		848 Louis Marian R Mrs
		850 Mc Clease Lenora 625-7480
		852 Jones Ruth N Mrs 622-5034
		854 Privott John H 625-7246
		856 Williams Alice D Mrs 622-9912
		858 Crawley Virgia 627-2814
		860 Corprew Majorie B Mrs 627-0769
		862 Watson Mary A 625-3195
		864 Taylor Mamie L 622-9959
		866 Williams Robt L
		870 Billups Rosalee Mrs 622-9637
		872 Gardner Lola G 627-1627

**MAIN INTERSECTS**  
**E PLUME ENDS**  
**BERMUDA BEGINS**  
**HOLT BEGINS**

**E CITY HALL AV ENDS**  
**TIDEWATER DR BEGINS**  
200 City Juvenile & Domestic Relations Court  
(SIDE)  
201 Saint Paul's Episcopal Church 627-4353  
Saint Paul's Museum  
**MARKET ENDS**  
**HOLT ENDS**  
300 Downtown Plaza Shopping Center  
(FOR OCCUPANTS SEE DOWNTOWN  
PLAZA SHOP CTR)  
**MARINER ST BEGINS**

400 Harte-Hanks Direct Mktg offset prntrs  
622-2724  
411 Southeastern Tidewater Opportunity  
Project 628-6000  
Stop Organization The 628-6000  
**FREEMASON INTERSECTS**  
115 Atlantic National Bank Building  
Atlantic National Bank 623-6155  
Rooms  
200 Babalas Peter K & Assoc P C 622-3100  
204 R & H General Contractors Inc  
625-3820  
206 Atlantic National Bank (Notes Dept)  
207 Atlantic Natl Bank (Notes Dept)  
Overflow  
208 Atlantic National Bank (personnel  
dept)  
208 Atlantic National Bank (Dept Of  
Trans)  
210 Atlantic National Bank (Aud Ofc)  
212 Vacant  
214 Vacant  
300 Goldblatt Lipkin Cohen Anderson  
Jenkins & Legum Iwyr 627-6225  
305 Goldblatt Lipkin Cohen Anderson  
Jenkins & Legum (addl sp)  
316 Vacant

SAINT PAULS BLVD 1986

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**DOWNTOWN PLAZA SHOP CNTR**  
**—LOCATED AT 300 S PAUL'S BLVD**

ZIP CODE 23510

- 1 Sovran Bank (Br) 441-4541
- 2 Bartley Richard S & Associates optom  
623-2222

## SAINT PAULS BLVD 1986

- 3 Crown Home Center hdw 463-1552  
 4 Liberal Clothiers 627-4553  
 7 Virginia Furniture Co 627-5075  
 10 Deans Credit Clothiers 622-3882  
 11 Able T V & Furniture Center Rental  
 627-2253  
 12 Little Jimmy's Pizza No 4 627-1742  
 13 Chinese Tea Garden restr 624-1488  
 14 Woolworth F W & Co variety store  
 627-1662  
 17 Hofheimer's Inc (Br) shoes 623-6314  
 18 Downtown Plaza Amoco 625-4440  
 19 Levy A & Sons clo 622-3891  
 20 Vacant  
 Pic 'n Pay Shoes 622-6584  
 21 Hair N Stuff beauty shop sups 623-9632  
 Hair-N-Stuff salon  
 25 Albano Cleaners 625-9747  
 26 Vacant  
 31 Hortense Barber Salon 627-6476  
 32 Peoples Service Drug Stores Inc No 240  
 627-4733  
 36 Be-Lo Super Market No 111 623-2223  
 41 Robbins A Furniture 622-4869  
 42 Family Dollar Store 625-6744  
 Roland's Auto Service Center 625-4499  
 52 Mc Donald's Restaurant 622-5162  
 68 Associated Family Physicians P C 623-6072  
 Pet Leo T phys 623-6072  
 Solinap Danl T phys 623-6072  
 69 Brooks Corinne Beauty Salon 622-7410  
 70 Meyers & Tabakin Inc furn 622-3735  
 72 State A B C Bd Store No 107 623-8578

## WALKE ST 1986

10

**WALKE ST —FROM 1000 E CITY HALL  
AV NORTHEAST 2 SOUTHEAST OF  
CHURCH**

ZIP CODE 23504

HOLT INTERSECTS

MARINER INTERSECTS

401 Riddick George T

405 Hodges Brenda

407 Walker Helen 627-1065

409 Barrington Debra J

411★Calvin Ida 623-7732

413 Skinner Geneva D 627-6400

## WALKE ST 1986

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**WALKE ST—Contd**

415 Harris Carrie

419★Harrell Geo L 623-2794

421 Forman Otis

423 Coleman Della D 625-2187

425 Weaver Lelia M 627-0282

427 Johnson Hazel 627-0376

429 Beasley James V

433 Grimes Betsy M

435 Jones Hattie M 622-3269

437 Wright Elsie G Mrs

439 Rhodes Odell 623-2338

441 Spells Eva M 623-0652

443 Thomas Josephine M 627-5509

447 Blount Mary H

449 Lewis Flora R Mrs 627-9333

450 Tidewater Park rental ofc 623-1111

Nfk Redevelopment &amp; Housing Authority

(tidewater pk ofc) mtce 623-1111

451 Cowell Leon 625-5645

453 Burrus Alice M Mrs 622-5169

455 No Return

457 Sutton James C 622-0858

459 Brown Cheryl

461 Spruill William E 623-1559

E CHARLOTTE INTERSECTS



**WOOD ST 1986**

**10**

**WOOD ST —FROM 568 CHURCH  
SOUTHEAST 1 NORTHEAST OF E  
CHARLOTTE**

**ZIP CODE 23504  
FENCHURCH ENDS  
DOYLE ENDS**

**815 Christ Pentecostal Church 623-2208  
CHAPEL INTERSECTS**

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**105**

## CHAPEL ST 1981

CHAPEL ST —FROM 900 VIRGIN ST  
NORTHEAST 1 SOUTHEAST OF  
FENCHURCH

ZIP CODE 23504  
VIRGIN BEGINS

232 Saint Mary's Catholic Church 622-4487  
Quinlan Thos J Rev 622-4487

HOLT INTERSECTS

310 Broadnax R Pearl Mrs  
312 Thomas Mary E Mrs 627-1446  
314 Taylor Hattie E Mrs 623-6559  
316 Vacant  
317 Saint Mary's Infant Home 622-2208  
318 Watford Fannie C Mrs 627-0886  
320 Vacant  
322 Elliott Geo 625-1119  
324 Lewis Ann L Mrs  
326 Holliday Dorothy L 622-5432  
328 Johnson Villa M 623-3880

MARINER INTERSECTS

400 Mitchell Esther N Mrs 625-7589  
402 Simmons Ruth T 627-8522  
404 Wilson Wm 625-5982  
406★Matterson Eliz 627-5967  
408 Blount Dalphine V  
410 Carrington Theresa Mrs  
411 Ballance Josephine 625-3677  
412 Simons Joseph H Jr 623-5460  
413 Respass Minnie M 623-9852  
414★Swain Patricia 625-3662  
415 Best Geo  
417 Little Bessie M Mrs 623-6025  
418 James Raney P Mrs  
419 Spencer Sallie M Mrs 627-3306  
420 Askew Rosa S Mrs 623-2250  
421★Copeland Beatrice  
422 Goodall Deloris Mrs 623-2652  
424 Carrington Shirley 623-7697  
425 Bland Donnie Mrs 627-0403  
426 Scott Lewis H 623-6993  
427 Davis Estelle F 625-5512  
428 Pettus Viola E Mrs 622-2562  
429 Clinkxcalex Hattie  
430 Pittman Lisa R 627-7816  
431 Johnson Harry Jr 627-6057  
433 Lyons Della E Mrs 625-0701  
434 Couther Beulah 627-3831  
435 Jones Benj C  
436 Hagans Anna E  
438 Vacant  
439 Banks Carolyn  
440 Skinner Pauline 627-2062  
441 Smith Roscoe  
442 Norman Gloria 627-2126  
443 Lassiter Jeanette J 627-7540  
444 Kearney Clarencetta 623-5999  
445 Mc Innis Cath M Mrs 623-2120  
446★Jeffery Correan H 623-7824  
447 Green Amanda B Mrs 625-1756  
448 Jones Richd 627-3776  
449 Sunkins Louetta 623-1929  
453 Powe Robt D  
455 Jones Bernice B Mrs  
457 Blount Viola 623-3454  
459 Boyd Marion Mrs 623-1813  
461 Brown Walter  
463★Yates H

E CHARLOTTE ST INTERSECTS

WOOD INTERSECTS

E BUTE EXTD BEGINS

E BRAMBLETON AV  
INTERSECTS

701 Doll's Vegetable Market 627-9061

10

16

**HOLT ST 1981****HOLT ST —FROM 200 CHURCH  
SOUTHEAST 1 NORTHEAST OF E CITY  
HALL AV****ZIP CODE 23504  
FENCHURCH INTERSECTS  
CHAPEL INTERSECTS**

921 Saint Mary's Academy 622-7246  
1023★Whitaker Belinda  
1025 Little Delsie J Mrs 623-7995  
1027 Davis Patricia L  
1029★Spady Wattsine S Mrs 622-2569  
1031★Bond Kathaleen H  
1033 Woodbury Haywood 623-3614  
1035 Harris Vivian L Mrs  
1037 Youngblood Mary G Mrs 623-9064  
1040 Parson Rosa M Mrs 627-8994  
1041 Powell Irma 622-9508  
1042 Richardson Mary S  
1043 Roundtree Paulette 623-1867  
1044 Cherry Margt H Mrs 623-1023  
1045 Harris Celestine E  
1046 Mays G E  
1047 Holmes Betty E 625-5389  
1048 Price Willie B Mrs 622-4328  
1049 Lee Mary 623-3616  
1050★Truman Joe  
1051 Cleveland Betty Mrs 625-2643  
1053★Turner Diane O 622-6218  
1054 Gunter Lucille W Mrs 627-2801  
1055 Land Lobeliah C 627-9086  
1056 Stringfield Lillian R Mrs  
1058 Wilson Mable P  
1060 Gainer Juliet T  
1061 Hunt Helen H Mrs 623-1098  
1062 Nowell Barbara J Mrs 623-7595  
1063 Taylor Janice O  
1064 Marcus Rosa B 625-0513  
1065 Deal Dolores M Mrs 622-0388  
1066 Smith Alberta 627-5529  
1067 Norfleet Margt S Mrs  
1068★Paschell Frank A Jr  
1069 Scott Lillie G Mrs 627-9657  
1071 Reynolds Bertha L 623-2640  
1073 Brown Gertrude 627-4837  
1075 White Maryland L Mrs  
1100 Thomas Eliz C Mrs 622-1044  
1101 Jones Vernetta E  
1102 Williams Cynthia 627-4284  
1103 Gillian Mildred C Mrs  
1104 Hoggard Lillie B Mrs 623-4917

## HOLT ST 1981

1105 Bracey Stanley B 623-7533  
 1106 Smith Rebecca J  
 1107★Williams Sharon A  
 1108 Barber Carolyn N  
 1109★Beckett Kath 627-2316  
 1110 Wancey Denise  
 1111 Whitaker Lillian G Mrs 622-2845  
 1112 Ruffin Vernicia  
 1113 Vacant  
 1114 Upshur Beatrice M Mrs  
 1115 Mc Clendon Grace E Mrs 622-6489  
 1116★Sherrod Tenuisha N 627-8972  
 1117★Griffin Minnie C 622-5079  
 1118 Midgett Cardell 627-6461  
 1119 Person Louise M Mrs  
 1121 Collins Marie A 622-9871  
 1122 Mullen James A 622-6222  
 1123 Rhoades Odella  
 1124 Robinson Annie 625-5322  
 1125 Childs Lawanna 623-6892  
 1126 Clemons Rosa L  
 1127 Walker Patricia  
 1128 Valentine Christine A Mrs 625-0346  
 1129 Marsh Jennifer M 622-2463  
 1130★Harbison Martha  
 1131 Edwards Annette 627-9703  
 1132 Uzzle Mary M Mrs 623-7573  
 1133 Fennell Margt  
 1134 Perry Albertina C  
 1135 Skinner Audrey R Mrs  
 1136 Billups Shirley M 622-2408  
 1137 Leary Louise Mrs 627-8792  
 1138 Harrell Irving T 622-0410  
 1139 Harrell Edw 622-9920  
 1140 Kornegay Rosetta V  
 1141 Sivells Thelma D Mrs  
 1143 Parker Eliz Mrs 625-4601  
 1144 Lee Garris 625-0856  
 1145 Williams Lucy M Mrs 625-2258  
 1146 Morris Willie  
 1147 Carrington Shirley M 625-1559  
 1148 Rodgers Camilla Mrs  
 1149 Riddick Eula M Mrs 622-7244  
 1150 Weaver Lelia M 625-7199  
 1151 Rivers Jean 622-8480  
 1152 Skinner Anita D  
 1153 Edler Mary E 627-1964  
 1154 Lee Helen B Mrs 623-4221  
 1155 Alston Bertha B  
 1156 Graves Shinatta M 623-0295  
 1157 Mc Eachin Lila B 623-2594  
 1158 Collins Annette B Mrs 623-2669  
 1159 Jones Prince 623-0594  
 1160 Brown Earlice R Mrs  
 1161 Mc Neal Flozell Mrs 623-0300  
 1162 Sommerville Cynthia L  
 1163 Staton James 625-5424  
 1165 Bryant Lewis 623-2837  
 1166 Lankford Dorothy S Mrs 625-6918  
 1167 White Wilma D Mrs 623-3058  
 1168 Ballance Myrtle A 627-9779  
 1169 Westbrook Sadie 623-0097  
 1170 Evans Doris V 623-0602  
 1171 Davis Hannah L Mrs 622-8543  
 1172 Daye Mamie L Mrs  
 1173 Morris Vincent 623-8532  
 1174 Stith Marion D 623-7752  
 1175 Knight Flora E Mrs 627-1739  
 1176 Fennell Ruby D Mrs 623-1703  
 1177 Gray Nannie M Mrs 623-1298  
 1178 Cason Lillie V Mrs 622-7728  
 1179 Leonard Ora L Mrs  
 1180 Talley Joyce L Mrs  
 1181 Edwards Perry J  
 1182★Throp Edw 625-0908  
 1183 Bryant Willie L 625-6949  
 1184 Clary Theresa Mrs  
 1185 Skinner Carl B 623-1732  
 1187 Simmons Lonnie G  
 1189 Jones Bettie M Mrs 627-8981  
 1191 Wright Sarah A Mrs

103

HONAKER AV FROM 5016 CURLEW DR

**SAINT PAULS BLVD 1981**

		<b>204</b>
	MAIN INTERSECTS	
	E PLUME ENDS	
	BERMUDA BEGINS	
	HOLT BEGINS	
<b>2</b>		
	<b>E CITY HALL AV ENDS</b>	<b>4</b>
	TIDEWATER DR BEGINS	
	200 City Juvenile & Domestic Relations Court (SIDE)	
193	201 Saint Paul's Episcopal Church 627-4353 Saint Paul's Museum	
	MARKET ENDS	
	HOLT ENDS	
	300 Downtown Plaza Shopping Center (FOR OCCUPANTS SEE DOWNTOWN	
191	PLAZA SHOP CTR)	
	MARINER ST BEGINS	
76		
906		<b>8</b>
97	400 Horst Advertising Services Inc 622-2724	
45	411 Southeastern Tidewater Opportunity Project 627-3541	
	FREEMASON INTERSECTS	
	415 Atlantic National Bank Building Atlantic National Bank 623-6155	
	415 ROOMS	
	200 Intnatl Brotherhood Of Elec Wkrs Sys Council No 25 625-1590	
	204 Jean-Gilles Brunet phys 623-7575	
ow)	206 Vacant	
	207 Vacant	
	208 Singleton Warren E dentist 623-4453	
	210 Babalas Peter K & Assocs P C lwyrs 622-3100	
	210 Multi Industries Inc paper recycling 625-2331	
	214 N I M E A Planning 622-8068	
	305 Vacant	
	316 State Employment Comn (CETA) 623-8691	
236	4th Fl Girl Scout Council 625-5805	
95	609 Goldblatt Lipkin Cohen Anderson Jenkins & Legum lwyrs 627-6225	
ips	7th Fl Breit Rutter & Montagna lwyrs 622-5000	
	700 R & H General Contractors Inc bldg contr 625-3820	
om		
	CHARLOTTE INTERSECTS	
	BUTE INTERSECTS	
		<b>12</b>
	BRAMBLETON AV INTERSECTS	
	700 Todd Joseph 625-0975	
	702 Harris Millie E 623-7464	
	704 Artis Gertrude N 627-3864	
	706 Banks Ruth	
	708 Ishler Roslyn	
	710 Saunders Lula Mrs 623-6785	
	712 No Return	
ohic	714 Rogers Marie 625-6718	
	716 Evans Bessie M Mrs 627-4506	
	718 Russell Nannie F Mrs 627-8552	
	720★Beamon John	
	722 Smith Page 625-1272	
	724 Mosby Spencer 622-4947	
	726 Peyton Nellie N 625-3008	
	728★Carroll Rene	
	730 Smith Mary R 623-2686	
	732 Parks Mary Mrs 627-6270	
	734 Grimes Carolyn Mrs 623-6135	
	736 Fentress Jennifer L 622-6581	
23	738 Harrison David E 622-7543	
	740 Wilson Kay G	
	742 Johnson Audrey C Mrs 623-5008	
	744 Long Harriett D Mrs 625-1128	
	746 Daniels Ollie M Mrs 623-7765	
	748★Bates Gloria	
	750 Wade Theresa Y 625-7834	

**SAINT PAULS BLVD 1981****4****DOWNTOWN PLAZA SHOP CNTR  
—LOCATED AT 300 S PAUL'S BLVD****ZIP CODE 23510**

- 1 Virginia National Bank (Br) 441-4541**
- 2 Bartley Richd S & Associates optom  
623-2222**
- 3 Bartley A & Sons jwlry 622-3325**
- 4 Liberal Clothiers 627-4553**
- 7 Virginia Furniture Co 627-5075**
- 10 Clark's Credit Clothiers 622-3882**
- 11 Gallenkamp shoes 625-9756**
- 12 Radio Shack 627-5930**
- 13 W R A P Radio Station Of Norfolk  
625-2722**
- 14 Woolworth F W & Co variety store  
627-1662**
- 17 Hofheimer's Inc (Br) 623-6314**
- 18 Downtown Plaza Amoco 625-4440**
- 19 Levy A & Sons clo 622-3891**
- 20 State A B C Bd Store No 107 623-8578**
- 21 Dean's Credit Clothiers 627-0041**
- 25 Sunlight Fabricare Services 625-9747**
- 26 Dutch Maid Donut Shop 625-8725**
- 31 Hortense Barber Salon 625-8761**
- 32 Peoples Service Drug Stores Inc No 240  
627-4733**
- 36 Be-Lo Super Market No 111 623-2223**
- 41 Robbins A furn 622-4869**
- 42 Western Auto Supply Co 622-4721**
- 52 Mc Donald's Restr 622-5162**
- 68 Associated Family Physicians Professional  
Corp 623-6072**
- 69 Brooks Corinne Beauty Salon 622-7410**
- 70 Meyers & Tabakin Inc furn 622-3735**

## WALKE ST 1981

10  
**WALKE ST —FROM 1000 E CITY HALL  
 AV NORTHEAST 2 SOUTHEAST OF  
 CHURCH**

ZIP CODE 23504

HOLT INTERSECTS

MARINER INTERSECTS

- 401 Tidewater Community Improvement Center  
627-1477
- 403 Norfleet Gayle
- 405 Holly Nancy 627-0591
- 407 Walker Helen 627-1298
- 409 Griffin Edw G 622-5367
- 411 Lane Lelia C 625-6164
- 413 Skinner Geneva D
- 415 Farmer Mary E Mrs 622-8708
- 419 Brooks Dorothy M Mrs 623-4064
- 421 Rhem Lewis H 622-7725
- 423 Coleman Della D 625-2187
- 425 Gibbs Rudolph V 622-8827
- 427 Stokes Frank
- 429 Beasley
- 433★Grimes Betsy
- 435★Jones Hattie M
- 437 Wright Elsie G Mrs
- 439 Paschall Frank 623-8872
- 441 Spells Eva M 623-0652
- 443 Thomas Josephine 622-9944
- 447 Blount Mary H
- 449 Lewis Flora R Mrs 627-9333
- 450 Tidewater Park rental ofc 623-1111  
Nfk Redevelopment & Hse Auth  
(Tidewater Pk Ofc) mtce 623-1111
- 451 Cowell Leon 625-5645
- 453 Burnes Alice 622-5169
- 455 Pope Audrey B
- 457 Evoya Mathew F
- 459★Brown Cheryl
- 461 Spruill William E 623-1559
- E CHARLOTTE INTERSECTS

✓

WOOD ST 1981

10

**WOOD ST —FROM 568 CHURCH  
SOUTHEAST 1 NORTHEAST OF E  
CHARLOTTE**

**ZIP CODE 23504  
FENCHURCH ENDS  
DOYLE ENDS**

**815 Christ Pentecostal Church 623-2208  
CHAPEL INTERSECTS**

105



CHAPEL ST 1976

6

**CHAPEL ST —FROM 900 VIRGIN ST  
NORTHEAST 1 SOUTHEAST OF  
FENCHURCH**

**ZIP CODE 23504**

**VIRGIN BEGINS**

**232 Saint Mary's Catholic Church 622-4487**

**Quinlan Thos J Rev 622-4487**

**HOLT INTERSECTS**

**310★Broadnax R Pearl**

**312 Thomas Mary E 627-1446**

**314 Taylor Hattie 623-6559**

**CHAPEL ST 1976**

316 Thomas Gloria  
317 Saint Mary's Infant Home 622-2208  
Saint Mary's Convent 623-1416  
318 Watford Fannie C Mrs 627-0886  
320★Harris Patricia A 623-1570  
322 Elliott Geo  
324 Lewis Ann L Mrs 627-4412  
326 Mc Kee Shirley D Mrs 622-8479  
328 Johnson Clara B Mrs

**10****MARINER INTERSECTS**

400 Mitchell James A 625-7589  
402 No Return  
403 Knight Vivian K 622-4668  
404 Wilson Wm 625-5982  
406 Holmon Wm S 622-8008  
408★Blont Wm  
410★Carrington Willie  
411★Ballance Joseph Mrs  
412 Simons Joseph 623-5460  
413★Respass Minnie 623-9852  
414 Durham John M  
415 Lindsey Jesse R 623-4444  
417 Little Bessie M Mrs 622-7973  
418 James Rannie P 622-1265  
419 Spencer Willie  
420 Askew Rosa S Mrs 623-2250  
421★Branch Verna  
422★Goodall Deloris  
424★Carrington Shirley  
425 Bland Donnie Mrs  
426 Artis Madeline  
427★Davis Estelle 635-5512  
428 Pettus Viola E Mrs 622-2562  
429 Mc Lean Louise T 627-6009  
430 Pittman Lisa R  
431 Johnson Harry Jr  
433 Lyons Della E Mrs 627-0501  
434 Jones Cath 627-3831  
435 Jones Benj C 623-2594  
436 Hagans Annie S Mrs 622-0739  
438★King Loraine  
439★Banks Carolyn  
440 Hill Virgie S Mrs  
441 Vacant  
442 Benson Robt E 627-3286  
443 Holley Moses H 627-0548  
444 Clarencetta Kearney L  
445 Mc Innis Cath M 623-2120  
446 Fortson Sylvia H Mrs 625-3074  
447 Green Amanda B Mrs 627-8800

## HOLT ST 1976

6

**HOLT ST —FROM 200 CHURCH  
SOUTHEAST 1 NORTHEAST OF E CITY  
HALL AV**

ZIP CODE 23504

FENCHURCH INTERSECTS

CHAPEL INTERSECTS

- 921 Saint Mary's Academy 622-7246  
1023 Bailey Wm G 622-0485  
1025 Little Delsie Mrs 623-7995  
1027 Thomas Novella D Mrs 622-9664  
1029 Spady Wattsine S Mrs 623-6243  
1031 Copeland Beatrice  
1033 Woodbury Haywood 623-3614  
1035 Harris Vivian L Mrs  
1037 Youngblood Mary Mrs 623-9064  
1040 Parson Rosa M Mrs 627-8994  
1041 Evans Ernest  
1042 Richardson Mary S  
1043 Mc Donald Dorethea C Mrs 623-9396  
1044 Cherry Hirshler 623-1023  
1045 Weathers Clarence  
1046 Rhodes Odell  
1047 Jumper Carrol F Mrs 623-9719  
1048 Price Willie B Mrs 622-7169  
1049 Wiggins Prince A 623-7172  
1050 Perry Olivia M 623-9866  
1051 Cleveland Wm 625-7309  
1053 Smith Florence Mrs 623-5688  
1054 Gunter Joseph 627-2801  
1055 Robinson Viola A 625-7311  
1056 Stringfield Lillian  
1058★Wilson Mable P 623-5404

# HOLT ST 1976

218

**HOLT ST—Contd**

1060 Hinnant Bernice M Mrs 623-6002  
 1061 No Return  
 1062 Nowell Barbara Mrs  
 1063 Blaney Lester 622-8726  
 1064 Moore Mamie E Mrs  
 1065 Deal Dolores Mrs 622-0388  
 1066 Twine Ollie B Mrs 623-3667  
 1067 Norfleet Margt S Mrs 623-7625  
 1068 Augson Earnestine  
 1069 Scott Lillie G Mrs  
 1071 Reynolds Bertha L 623-2640  
 1073 Calvert Alice R 623-1936  
 1075 White Maryland L Mrs  
 1100 Thomas Eliz C Mrs 622-1044  
 1101★Jones Vernetta  
 1102★Williams Cynthia  
 1103 Gilliam Toye S 625-3064  
 1104 Hoggard Lillie B Mrs 623-4917  
 1105 Bracey Stanley B 623-7533  
 1106 Smith Rebecca J  
 1107 Collins Marie Mrs 622-9871  
 1108 Harris Contance 623-5349  
 1109 Thompson Sattie M Mrs 622-3574  
 1110 Williams Betty J  
 1111 Whitaker Lillian G Mrs 623-0412  
 1112 White Thos L 622-1233  
 1113 Bailey Ruth L Mrs 627-3860  
 1114 Upshur Beatrice M Mrs 625-7797  
 1115 Mc Clendon Grace E Mrs 623-1814  
 1116 Mix Hattie M Mrs 623-8900  
 1117 Allen Annie M Mrs 622-2295  
 1118 Skinner Claudia L Mrs  
 1119 Person Louise M Mrs 622-3679  
 1121 Caffee Bernice Mrs  
 1122 Mullen James A 622-6222  
 1123 Allen Josephine W Mrs  
 1124 Robinson Annie  
 1125 Kennedy Lucy J Mrs 622-2528  
 1126 Pope Hattie M Mrs 622-0832  
 1127 Mc Eachin Brenda 627-8132  
 1128 Valentine Christine Mrs  
 1129 Pettway Annie G Mrs 623-4697  
 1130 Brown Sarah E Mrs 625-7563  
 1131 Mason Wm E 622-7524  
 1132 Uzzle Mary M Mrs  
 1133 Fennell Margt  
 1134 Brickhouse Sidney 623-8941  
 1135 Skinner Audrey R Mrs  
 1136 Billups Shirley 622-2408  
 1137 Leary Willie 627-8792  
 1138 Harrell Irving T 622-0410  
 1139 Harrell Edw 623-0530  
 1140 Kornegay Rosetta  
 1141 Sivells Felix J  
 1143 Parker Eliz Mrs 625-4601  
 1144★Edwards Glennis  
 1145 Williams Lucy M Mrs 627-3941  
 1146 Morris Willie  
 1147 White Queen E Mrs 625-0124  
 1148 Holloman Bertha S Mrs 623-3108  
 1149 Reddick Eula M Mrs 625-4340  
 1150★Weaver Lela 627-5079  
 1151 Rivers Jean 623-7478  
 1152 Skinner Linda 627-0361  
 1153★Edler Mary E 627-1964  
 1154 Lee Helen B Mrs 623-4221  
 1155 Maryland Virginia B Mrs 625-5220  
 1156 Mc Eachin Lila B Mrs  
 1157 Jones Jennifer 622-6778  
 1158 Collins Annette B Mrs 623-2669  
 1159 Jones Prince 623-0594  
 1160 Brown Earlice R Mrs 623-4825  
 1161 Mc Neal Flozell Mrs 623-0300  
 1162 Meeks Gloria J  
 1163 Staton James 625-5424  
 1165 Bryant Lewis 623-2837  
 1166 Lankford Dorothy S Mrs 625-6918  
 1167 White Wilma D Mrs 627-6884  
 1168 Anderson Sudie Mrs  
 1169★Westbrook Sadie  
 1170 Evans Doris  
 1171 Davis Hannah L Mrs 623-2534  
 1172 Daye Mamie Mrs 622-0175  
 1173 Morris Vincent 623-8532  
 1174 Stith Marian D 623-7752  
 1175 Knight Flora E Mrs 627-1739  
 1176 Bland Lucy L Mrs 625-5453

1177 Gray Nannie M Mrs 623-1298  
 1178 Cason Lillie V Mrs 622-7728  
 1179 Leonard Ora L Mrs 627-7521  
 1180 Talley Joyce L Mrs  
 1181 Smith Emma 623-7243  
 1182 Williams Mary E Mrs 622-2130  
 1183 Bryant Willie L 625-6949  
 1184★Clary Theresa 623-4557  
 1185 Dean Eliz S Mrs  
 1187 Davenport Clara F Mrs 623-9319  
 1189 Jones Bettie M Mrs 627-8981  
 1191 Wright Sarah

**HONAKER AV —FROM 5916 CURLEW  
NORTH 1 EAST OF BROCKWELL A**

ZIP CODE 23502  
 101 Jones Earl © 424-2740  
 112★Goodwin Roosevelt 424-9793  
 119 Vacant  
 123★Burr Geo P © 424-4782  
 124 Smith Roy E L ©  
 125 Stewart Edgar D  
 133 No Return  
 136 Mc Elhenie Allen W © 420-5813  
 ADDERLEY INTERSECTS  
 151a No Return  
 151b★Lucas Jerry E 420-4390  
 153a Stewart Janet Mrs  
 153b Nelms Evie B 424-2406  
 156 Ayers Connie © 420-0963  
 157★Drew F T  
 160 Andrews James E © 420-5705  
 161★Garrett C E © 420-4296  
 165 Perkins David W 424-4247  
 168 Walker Dolphus R 420-6798  
 175 Broun Ottillie B Mrs © 420-6086  
 HARGROVE INTERSECTS  
 CHAMBERS INTERSECTS  
 316 Bernheim Marvin 461-7570  
 Bernhaim Owyneth  
 324 Fingleton Alice G Mrs ©  
 331 Vacant  
 BARTEE INTERSECTS  
 410 Toliver Pauline A Mrs © 461-4956  
 413★Martin John ©  
 419 Johnson Otho Jr © 461-2629  
 423 Fields Richd T © 461-6245  
 429 Jordan Robt © 461-8365  
 430 Whitehurst Anthony W © 461-7632  
 FINNEY INTERSECTS  
 439 Vacant  
 443 Johnson Lettie O Mrs © 461-2243  
 451 Ward Goodman © 461-2695  
 455 Bailey James R © 461-2320  
 459 Etheridge Wayland L 461-4593  
 462 Grace Edw ©  
 465 Brew James W © 461-2319  
 BENTON INTERSECTS  
 502 Mc Clenny Willie C ©  
 512 Beasley Usef © 461-6364  
 HOGGARD RD INTERSECTS

**HOOVER ST —FROM 1025 AVENUE G  
NORTH 1 EAST OF ELM**

ZIP CODE 23513  
 7401 Ruffin Roosevelt © 853-2727  
 7409 Whitley Zollie 855-7228  
 7410 Terry John © 853-2455  
 7414 Lee Hattie Mrs 855-2311  
 7415 Burke Lankford J © 853-0378  
 7417 Vacant  
 7420 Johnson Enoch © 855-8535  
 7427 Melvin Ruellen Mrs 855-7460  
 7429 Vacant  
 7435 Merritt Sally W Mrs ©  
 AVENUE H INTERSECTS

**HOPE ST —FROM 617 CHESTNUT WE  
1 SOUTH OF BERKLEY AV**

ZIP CODE 23523  
 ACCOMAC INTERSECTS  
 LEE INTERSECTS

## SAINT PAULS BLVD 1976

INTERSECTS

2

**ST PAUL'S BLVD —FROM WATER ST  
NORTH 2 EAST OF COMMERCIAL PL**

ZIP CODE 23510  
100 City Courts Building  
Rooms  
100 City Circuit Ct Clk 441-2461  
100 City Marriage License Bur 441-2461  
100 City Registrar Of Deeds 441-2461  
101 City Circuit Court 441-2461  
102 State Probation & Parole Ofc 627-2641  
103 Court Rm (Rms 103-212)

4

**MAIN INTERSECTS**

E PLUME ENDS  
BERMUDA BEGINS  
HOLT BEGINS  
E CITY HALL AV ENDS  
TIDEWATER DR BEGINS  
200 Juvenile & Domestic Relations Court  
(SIDE)  
201 Saint Paul's Episcopal Church 627-4353  
Saint Paul's Museum  
**MARKET ENDS**  
HOLT ENDS  
300 Downtown Plaza Shopping Center  
(FOR OCCUPANTS SEE DOWNTOWN  
PLAZA SHOP CTR)  
MARINER BEGINS

8

400 Horst Advertising Services Inc 622-2724  
411 Altschul's Inc dept store 622-2317  
**FREEMASON INTERSECTS**  
415 Atlantic National Bank Building  
Atlantic National Bank 623-6155  
Rooms  
200 Vacant  
206 Belcher Richd phys 622-8242  
207 Gilles John phys 623-7575  
210 Babalas Peter K & Assocs lwyr  
623-1216  
210 Ermlich Arth C & Assocs lwyr  
623-1216  
210 Radin Melvin J lwyr 625-7683  
212 Vacant  
305 US Civ Serv Comn (Fed Job Info  
Center) 625-6515  
309 Vacant  
311 U S Civil Serv Comn (Regional  
Training Center) 441-6343  
316 Vacant  
4th Fl Southeastern Tidewater Opportunity  
Project 627-3541  
5th Fl Southeastern Tidewater Opportunity  
Project  
6th Fl Southeastern Tidewater Opportunity  
Project  
7th Fl Breit Rutter & Montagna lwyr  
622-5000  
700 Tidewater Area Business League  
623-2455  
475 Norfolk Chamber Of Commerce 622-2312  
**CHARLOTTE INTERSECTS**  
**BUTE INTERSECTS**

12

**BRAMBLETON AV INTERSECTS**

700 Todd Joseph 627-0388  
702 Harris Theresa B Mrs  
704 Artis Gertrude N 627-3864  
706 Vacant  
708 Ryland Calvin

SAINT PAULS BLVD      1976

4

**DOWNTOWN PLAZA SHOP CNTR**  
**—LOCATED AT 300 S PAUL'S BLVD**

ZIP CODE 23510

- 1 Virginia National Bank (Br) 441-4541
- 2 Bartley Richd S & Associates optom  
623-2222
- Optical Distributors Inc 623-1736
- 3 Bartley A & Sons 622-3325
- 4 Liberal Clothiers 627-4553
- 7 Virginia Furniture Co 627-5075
- 10 O K Outfitters Inc 622-2119
- 11 Gallenkamp shoes 625-9756
- 12 Clark's Credit Clothiers 622-3882
- 13 Rawling's Broadcasting Corp Of Delaware  
(w r a p radio) 625-2722
- 14 Woolworth F W & Co 627-1662
- 17 Hofheimer's Inc (Br) shoes 622-5781
- 18 Downtown Plaza American gas sta 625-8879
- 19 Levy A. & Sons clo 622-3891
- 20 State A B C Bd Store No 107 622-7778
- 21 Dean's Credit Clothiers 627-0041
- 25 Sunlight Fabricare Services 625-9747
- 26 Dutch Maid Donut Shop 625-8725
- 31 Hortense Barber Shop 625-8761
- 32 Peoples Service Drug Stores Inc No 240  
627-4733
- 36 Be-Lo Super Market No 111 625-6691
- 42 Western Auto Supply Co 622-4721
- 52 Mc Donald's Restr 622-5162
- 68 Steingold Ben & Meyer phys 623-6072
- 69 Brooks Corinne Beauty Salon 622-7410
- 70 Meyers & Tabakin Inc furn 622-3735

64

## WALKE ST 1976

10

**WALKE ST —FROM 1000 E CITY HALL  
AV NORTHEAST 2 SOUTHEAST OF  
CHURCH**

ZIP CODE 23504

HOLT INTERSECTS

MARINER INTERSECTS

- 401★Barnes Mary F Mrs
- 403★Norfleet Mildred Mrs
- 405★Mc Danial Diane D 623-6648
- 407★Walker Helen 627-1298
- 409 Griffin Josephine D 622-5367
- 411 Boykins Mary L Mrs
- 413★Mason Georgia 625-2498
- 415 Farmer Mary Mrs 622-8708
- 419 Brooks Dorothy M Mrs 625-5161
- 421 Rhem Lewis H 627-9183
- 423 Coleman Della D 622-5135
- 425 Gibbs Randolph 622-8827
- 427★Hill Rosa Mrs 627-5087
- 429 Bass Jeanette E Mrs 622-3049
- 433 Gardner Carolyn H 623-6339
- 435★Gaffney Evelyn 625-5174
- 437 Wright Elsie G Mrs 622-6931
- 439 Paschall Frank 623-8872
- 441★Tidewell Mary Mrs 623-9676
- 443 Rodgers Doris D Mrs 622-0989
- 447 Finnaman Mary S Mrs 623-6506
- 449 Lewis Flora R Mrs 627-9333
- 450 Tidewater Park rental ofc 623-1111  
Nfk Redevelopment & Hse Auth  
(Tidewater Pk Ofc) mtce 623-1111
- 451 Roscoe Eva M Mrs 625-0255
- 453 Evans Alice M Mrs 622-5169
- 455 Mc Coy Edith K Mrs 622-0300
- 457 Smith Roger W 623-0706
- 459 Simpson Mary 625-4808
- 461 Spruill Wm

E CHARLOTTE INTERSECTS

79

## WOOD ST 1976

62

10

WOOD ST —FROM 568 CHURCH  
SOUTHEAST 1 NORTHEAST OF E  
CHARLOTTE

ZIP CODE 23504  
FENCHURCH ENDS  
DOYLE ENDS

812 Hunton Young Men's Christian Assn  
622-1997

815 Christ Pentecostal Church 623-2208  
CHAPEL INTERSECTS

901★Nipper Edna 625-0714

902 Bright Lucille R Mrs 622-6281

903 Price Delzola Mrs 622-5798

904 Jones Eliz Mrs 623-5282

905 Brown Bennie 625-0015

Hawkins Emmitt

908 Doggett Alfonso

913 Overton Helen V 623-3110

Gallop Hathaway 622-3110

Butler Joseph 627-8824

914 Young Ida M 622-0352

Holladay James

917 Taylor Montgomery 623-9007

Peirice Ruben G

919 Gamble Devernia © 627-3779

920 Morris Ambrose © 623-8480

924 King Andrew

925★Woodhouse Lennie L Mrs © 623-2035

928 Hoskins Emma 625-6047

Reeves Andrew L

932 Ellis Prince

Williams Gertrude Mrs 623-3688

1000 Stone Helen G Mrs © 622-4955

1008 Ballard Evelyn W Mrs 623-4566

1010 Perry Lillian L Mrs © 625-6868

1011 Williams Grocery

Boston Elvira M Mrs 625-1956

Rear Douglass Annie

1012 Hunter Dorothy W Mrs © 623-5764

1014 Dudley Vadies J Mrs

Evans Carrie V Mrs

1015 Jernigan Herman ©

Tate Magnolia Mrs

1018 Bass Willie E © 625-7262

1020★Rivers Ernest

1021 Turner Marshall H © 625-2103

Poultry Willie

1022 Vacant



CHAPEL ST 1971

6

**CHAPEL ST —FROM 900 VIRGIN ST  
NORTHEAST 1 SOUTHEAST OF  
FENCHURCH**

**ZIP CODE 23504**

**VIRGIN BEGINS**

**232 Saint Mary's Catholic Church**

**622-4487**

**Gregory Harold U Rev 622-4487**

**HOLT INTERSECTS**

## CHAPEL ST 1971

2 310 Tidwell Mary Mrs  
 312 Thomas Mary D Mrs 627-1446  
 314 Hunter Willie M Mrs  
 316 Vaughan Sally N Mrs  
 317 Saint Mary's Infant Home 622-2208  
 Saint Mary's Convent 623-1416  
 318 Watford Fannie C Mrs 627-0886  
 320 King Thos L  
 322 Godsey James W 622-9199  
 324 Lewis Ann L Mrs 627-4412  
 326 Mc Kee Shirley D Mrs 622-8479  
 328 Johnson Clara B Mrs 622-2973

## MARINER INTERSECTS

400 Mitchell James A 625-7585  
 402 Hall Cicero 627-2029  
 404 Wilson Wm  
 406 Holmon Wm L  
 408 Edwards Viola W Mrs 622-6164  
 410 Streeter Raymond  
 411 Gatling Amanda L  
 412 Simons Joseph 623-5460  
 413 Vacant  
 414 Durham John M  
 415 Lindsey Jesse R 623-4444  
 417 Little Bessie P Mrs  
 418 White Danl T  
 419 Vacant  
 420 Askew Rosa S Mrs 623-2250  
 421 Hudgins Gilbert L 623-7041  
 422 Bray Bessie J Mrs 623-7429  
 424 Mc Gee Ethel D Mrs 623-6277  
 425 Bland Donnie Mrs  
 426 Taylor Hattie E Mrs 623-6559  
 427 Williams James  
 428 Pettus Viola A Mrs 622-2562  
 429 Jenkins Harold  
 430 Henry Larry  
 431 Johnson Harry Jr 623-1109  
 433 Lyons Della Mrs  
 434 Jones Cath 627-3831  
 435 Gregory Evelyn W Mrs  
 436 Hagans Cephus 627-1079  
 438 Childress Albert L  
 439 Vincent Algora L Mrs 623-2451  
 440 Hill Virgie S Mrs  
 441 Smith Roscoe  
 442 Benson Robt E 622-5459  
 443 Holley Moses H 627-0548  
 444 Clarencetta Kearney  
 445 Mc Innis Joe 623-8132  
 446 Fortson Sylvia C Mrs  
 447 Green Amanda B Mrs  
 448 Taylor Sherry Mrs

## HOLT ST 1971

6

**HOLT ST —FROM 200 CHURCH  
SOUTHEAST 1 NORTHEAST OF E  
CITY HALL AV****ZIP CODE 23504****FENCHURCH INTERSECTS****CHAPEL INTERSECTS****901 Saint Mary's Catholic Church  
622-4487****921 Saint Mary's Academy 622-7246****1023 Hood Helen V Mrs 622-1483****1025 Little Delsie Mrs 623-2716****1027 Thomas Novella D Mrs 622-9664****1029 Spady Wattsine S Mrs 623-6243****1031 Bailey Wm G 625-1363****1033 Woodbury Haywood 623-3614****1035 Harris Vivian L Mrs****1037 Harrell Deloris M Mrs 623-9621****1040 Parson Rosa M Mrs 627-8994****1041 Evans Ernest****1042 Kellogg Eliza J Mrs****1043 Mc Donald Dorethea C Mrs 633-9396****1044 Lee Sarah D Mrs 622-8846****1045 Weathers Clarence****1046 Whitaker Delores Q Mrs****1047 Jumper Carrol F Mrs 623-9719****1048 Wilson Beatrice P Mrs 622-2887****1049 Wiggins Prince A 623-7172****1050 Perry Olivia M****1051 Brown Wm A 622-4221****1053 Carter Barbara Mrs 622-5986****1054 Gunter Joseph 627-2801****1055 Wilson Rosa R Mrs****1056 Johnson Brenda Mrs****1058 Augson Ernestine W Mrs****1060 Hinnant Bernice B Mrs 623-6002****1061 West Hazel R Mrs 623-8886****1062 Pulley Wm R 623-6091****1063 Blaney Agnes Mrs 622-8726****1064 Moore Mamie E Mrs****1065 Jones Henry 625-5817**

# HOLT ST 1971

1066 Twine Ollie W Mrs 623-3667	136
1067 Norfleet Margt S Mrs	138
1068 Bush Sylvonne W Mrs 627-4048	A
1069 Scott Lillie G Mrs	151a
1071 Pierce Clara S Mrs	151k
1073 Vacant	153a
1075 White Maryland L Mrs	153k
1100 Thomas Eliz C Mrs 622-1044	156
1101 Rhodes Alice H Mrs 623-1922	157
1102 Arrington Betsy C Mrs 627-7396	160
1103 Gilliam Toye S 625-3064	161
1104 Hoggard Lillie B Mrs 623-4917	165
1105 Bracey Stanley B 623-7533	
1106 Miller Rada P Mrs	168
1107 Davidson Rosa B Mrs 623-0958	175
1108 James Caroline B Mrs	H
1109 Thompson Sattie E Mrs 622-3574	C
1110 Humphrey Betty W Mrs 622-4008	316a
1111 Reap Hazel	316k
1112 Boose Calona M Mrs 623-0648	324
1113 Bailey Ruth L Mrs	331
1114 Upshur Beatrice M Mrs 627-9708	B
1115 Mc Clendon Grace E Mrs 623-1814	410
1116 Mix Hattie M Mrs 623-8900	413
1117 Allen Annie M Mrs	423
1118 Skinner Claudia L Mrs	429
1119 Person Louise M Mrs	430
1121 Jones Claude W 623-7221	F
1122 Porter Mary	439
1123 Allen Josephine W Mrs	443
1124 Robinson Annie	445
1125 Kennedy Lucy J Mrs 622-2528	451
1126 Pope Hattie M Mrs	455
1127 Medley Clyde G 623-5592	459
1128 Harrell Southey 625-4938	462
1129 Vaughan Lillian I Mrs 625-6188	465
1130 Brown Sarah E Mrs	B
1131 Mason Wm E 622-7524	502
1132 Uzzle Mary M Mrs 623-9316	512
1133 Fennell Margt C Mrs	H
1134 Brickhouse Sidney 623-8941	
1135 Skinner Audrey R Mrs	
1136 Barco Phillip 622-9739	HO
1137 Vacant	N
1138 Harrell Irving T 623-0901	
1139 Harrell Edw 623-0530	Z
1140 Billups Shirley H Mrs 623-7738	740
1141 Hinnant Cecil 623-6777	740
1143 Parker Clarence W 625-4601	740
1144 Alston Willie 627-6549	741
1145 Williams Lucy M Mrs 625-6630	741
1146 Morris Willie 622-7967	741
1147 White Queen E Mrs	741
1148 Holloman Bertha S Mrs 623-3108	741
1149 Whidbee Alice T Mrs	742
1150 Goodall Deloris C Mrs 623-6289	742
1151 Rivers Jean Mrs	742
1152 Johnson Mary L Mrs	742
1153 Jones Joan B Mrs 623-2223	743
1154 Lee Helen B Mrs	A
1155 Maryland Wm 625-5220	
1156 Mc Eachin Lila B Mrs 622-1724	
1157 Richardson Mary G Mrs 627-1941	HO
1158 Parker Ethelrine B Mrs	W
1159 Jones Prince 623-0594	
1160 Brown Earlice R Mrs	Z
1161 Morris Arlethia B Mrs	A
1162 Wiggins Beulah D Mrs 625-5134	L
1163 Statten James	
1165 Bryant Lewis 625-5754	
1166 Lankford Dorothy S Mrs	HO
1167 White Wilma D Mrs 627-6884	I
1168 Anderson Sudie Mrs	S
1169 Edwards Ruth W Mrs 623-4536	
1170 Sanders Estelle Mrs	Z
1171 Anthony Lillie W Mrs	642
1172 Daye Mamie S Mrs 622-0175	642
1173 Drake Richd L 622-4888	642
1174 Stith Marian D Mrs	642
1175 Mc Neal Flozell Mrs 623-0300	642
1176 Clayton Beulah V Mrs 623-3743	642
1177 Gray Nannie M Mrs 623-1298	643
1178 Cason Wendell C 622-7728	643
1179 Leonard Ora L Mrs 627-7521	643
1180 Talley Joyce L Mrs 623-7537	643
1181 Joyce Alvin M 622-0813	643
1182 Williams Mary M Mrs 622-9682	643
1183 Cole Corean J Mrs 627-3081	644
1184 Wong Eva W Mrs	644
1185 Dean Eliz S Mrs 622-1083	644
1187 Baker John C 627-8016	644
1189 Jones Bettie M Mrs 627-8981	644
1191 Campbell Geraldine D Mrs 623-0649	644
	644
	645

## SAINT PAULS BLVD 1971

4

MAIN INTERSECTS  
 E PLUME ENDS  
 BERMUDA BEGINS  
 HOLT BEGINS  
 E CITY HALL AV ENDS  
 TIDEWATER DR BEGINS  
 200 Juvenile & Domestic Relations Court  
 (SIDE)  
 201 Saint Paul's Episcopal Church  
 627-4353  
 Saint Paul's Museum  
 MARKET ENDS  
 HOLT ENDS  
 300 Downtown Plaza Shopping Center  
 (FOR OCCUPANTS SEE DOWNTOWN  
 PLAZA SHOP CTR)  
 MARINER BEGINS

8

400 Horst Advertising Services Inc  
 622-2724  
 411 Altschul's Inc dept store 622-2317  
 FREEMASON INTERSECTS  
 415 Atlantic National Bank Building  
 Atlantic National Bank 623-6155  
 Rooms  
 200 City Sch Bd (model city health  
 manpower) 441-2709  
 207 Systems Management Associates  
 Inc 623-1123  
 210 Babalas Peter K lwyr 623-1216  
 210 Cloud Charles M lwyr 622-1216  
 415 Equity Funding Corp 625-0341  
 300 US Civ Serv Comn overflow  
 302 U S Civ Serv Comn (Overflow)  
 305 US Civ Serv Comn (Fed Job Info  
 Center) 625-6515  
 309 Radin Melvin J lwyr 625-7683  
 310 US Civ Serv Comn overflow  
 311 U S Civil Serv Comn (Regional  
 Training Center) 627-7471  
 315 Collins Travel Agency 623-0196  
 316 Hoffert & Lowe marine & indus  
 sups 622-9517  
 400 Vacant  
 401 Savage Donald N & Associates inv  
 brokers 622-0763  
 403 Norfolk Teachers Association  
 Federal Credit Union 627-0845  
 404 Vacant (Rm 404-410)  
 405 Systems Management Assocs  
 (overflow) 623-1123  
 408 Vacant (408-410)  
 409 Vacant (409-411)  
 412 United Negro College Fund Inc  
 (Va State Ofc) 622-6243  
 413 Vacant (413-415)  
 414 Vacant  
 500 Retla Steamship Co 622-6336  
 501 Vacant  
 502 Vacant

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SAINT PAULS BLVD      1971

503 Vacant (503-511)  
 504 Vacant (504-510)  
 512 Tidewater Consumer Credit Corp  
 622-5645  
 513 Vacant  
 514 Vacant  
 515 Vacant  
 600 Chamberlayne & Lasky accts  
 625-7404  
 603 Vacant (603-605)  
 604 Vacant (604-606)  
 607 Tidewater Wings (Hockey Club)  
 625-1693  
 607 City Dept Of Community  
 Promotion 441-2116  
 608 Tidewater Area Business League  
 623-2455  
 609 City Dept Of Community  
 Promotion 441-2116  
 610 Vacant  
 7th Fl Breit Rutter Cohen Ermlich &  
 Friedman lwyrs 625-6534

2  
ST

CHARLOTTE INTERSECTS  
 BUTE INTERSECTS

12

BRAMBLETON AV INTERSECTS

700 Williams M Eliz  
 702 Harris Theresa B Mrs  
 704 Leary Raymond 622-6951  
 706 Miller Delores R Mrs 623-6544  
 708 Ryland Calvin  
 710 Saunders Lula Mrs 623-6785  
 712 Simmons Robt H 623-7126  
 714 Akers Rosa L Mrs 625-2924  
 716 Evans Bessie M Mrs 625-6688  
 718 Kinsey Wm  
 720 Olds Christine P Mrs 622-9978  
 722 Skinner Olivia Mrs 623-7389

## SAINT PAULS BLVD 1971

4

**DOWNTOWN PLAZA SHOP CTR  
—LOCATED AT 300 ST PAUL'S  
BLVD****ZIP CODE 23510**

- 1 Virginia National Bank (Br) 441-4541
  - 2 Bartley Richd S & Associates optom  
623-2222
  - 3 Bartley A & Sons 622-3325
  - 4 Liberal Clothiers 627-4553
  - 7 Virginia Furniture Co 627-5075
  - 10 O K Outfitters Inc 622-2119
  - 11 Gallenkamp 622-1969
  - 12 Clark's Credit Clothiers 622-3882
  - 13 Continental Broadcasting Corp (W R A  
P Radio) 625-2722
  - 14 Woolworth F W & Co 627-1662
  - 17 Hofheimer's Inc (Br) shoes 622-5781
  - 18 Downtown Plaza American gas sta  
625-8879
  - 19 Levy A & Sons clo 622-3891
  - 20 State A B C Bd Store No 107 622-7778
  - 21 Dean's Credit Clothiers 627-0041
  - 25 Sunlight One Hour Cleaning 625-9747
  - 26 Dutch Maid Donut Shop 625-8725
  - 29 Brooks Corinne Beauty Salon 622-7410
  - 32 Peoples Service Drug Stores Inc No  
240 627-4733
  - 36 Be-Lo Super Market No 111 625-0646
  - 42 Western Auto Supply Co 622-4721
  - 68 Steingold Ben & Meyer phys 623-6072
  - 69 City Juvenile Ct (Probation Ofcs)
  - 70 Meyers & Tabakin Inc furn 622-3735
-

## WALKE ST 1971

10

**WALKE ST —FROM 1000 E CITY  
HALL AV NORTHEAST 2  
SOUTHEAST OF CHURCH**

**ZIP CODE 23504**

**HOLT INTERSECTS**

**MARINER INTERSECTS**

- 401 Williams Lillie J Mrs 623-0529  
 403 Gilliam Julia J Mrs 623-7350  
 405 Reaves Beatrice G Mrs  
 407 No Return  
 409 Jones Arnetta E Mrs  
 411 Boykins Mary L Mrs  
 413 Taylor Hester 623-5539  
 415 Farmer Mary Mrs  
 419 Brooks Dorothy M Mrs 625-5161  
 421 Rhem Lewis H  
 423 Morgan Roland  
 425 Joyner Wm W Jr  
 427 Barnes Willie  
 429 Jones Arlene Mrs 622-3818  
 433 Gardner Herbert J  
 435 Ruffin David L 625-4402  
 437 Wright Elsie G Mrs 622-3814  
 439 Paschall Frank 623-8872  
 441 Nelams Cath Mrs 625-5426  
 443 Rodgers Doris D Mrs 622-8883  
 447 Finnaman Geo W 623-6506

WALKE ST (2000)



## WALKE ST 1971

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449 Lewis Flora R Mrs 627-9333  
450 Tidewater Park rental ofc 623-1111  
Nfk Redevelopment & Hse Auth  
(Tidewater Pk Ofc) 623-1111  
451 Roscoe Eva M Mrs 625-0255  
453 Evans Alice M Mrs 623-3358  
455 Mc Coy Edith I Mrs  
457 Smith Roger W 623-0706  
459 Fitzgerald Lalar A Mrs  
461 Simmons Mildred E Mrs 622-5798  
E CHARLOTTE INTERSECTS

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**WOOD ST 1971**

IN			10
		<b>WOOD ST —FROM 568 CHURCH</b>	
		<b>SOUTHEAST 1 NORTHEAST OF E</b>	78
		<b>CHARLOTTE</b>	
		ZIP CODE 23504	
		FENCHURCH ENDS	
		DOYLE ENDS	78
		812 Young Men's Christian Assn (hunton	78
		br) 622-7271	
		815 Christ Pentecostal Church 623-2208	
		CHAPEL INTERSECTS	78
		901 Roberson Edna N Mrs	
		902 Bright David 627-9341	
169		903 Price Delzora Mrs	78
		904 Jones Eliz Mrs 623-5282	
		Bailey Marion Mrs 622-1760	
62		905 Brown Bennie 625-0015	78
		Hawkins Emmitt 623-8574	78
		906 Leigh Marie K Mrs © 627-3464	
		908 Payton Mary S Mrs © 622-4145	
		912 Vacant	
		913 Gallop Hathaway 622-3110	
		Butler Joseph 627-8824	78
		914 Charles Bessie T	78
		Williams Eliza J Mrs	
		917 Taylor Montgomery	
		919 Gamble Devernia 627-3779	
		920 Morris Ambrose © 623-8480	
		Rogers Willie R	78
		923 Vacant	
		924 Brooks David L © 625-6277	
		Waldon John	78
		925 Johnson Ellis M Jr © 622-8760	
		926 Vacant	
		927 Vacant	
		928 Hoskins Emma 625-6047	
		Reeves Andrew L	78
		929 Vacant	
		932 Ellis Prince	
		Williams Gertrude Mrs 623-3688	78
		1000 Stone Helen G Mrs © 622-4955	
6		1004 Sansbury Belle M Mrs 627-5012	
		1008 Young Bernice Mrs © 623-8149	
		Ballard Evelyn W Mrs 623-3093	
		1010 Perry Lillian L Mrs © 627-8931	
		1011 Williams Grocery	
		Boston Elvira M Mrs 625-1956	78
		Rear No Return	
		1012 Hunter Dorothy W Mrs © 623-5764	79
		1014 Dudley Vadies J Mrs	79
		Evans Carrie V Mrs	79
		1015 Jernigan Herman	
		Tate Magnolia Mrs	
		1018 Bass Willie E © 625-2002	
		1020 Vacant	
		1021 Turner Marshall H	
		Jones Richd	79
		Poultry Willie	
		Wright Charles	79
		Wright Wm	79
		1022 Grove Claude	Ra
			79
		105	
		<b>WOODALL RD —FROM 3831</b>	

CHAPEL ST 1966

6

CHAPEL ST -FROM 900 E MAIN  
NORTHEAST 1 SOUTHEAST OF  
FENCHURCH

---ZIP CODE 23504

---VIRGIN BEGINS

232 SULLIVAN CORNELIUS S REV  
622-4487

---HOLT INTERSECTS

310 O'NEAL WILLIE C

312 THOMAS MARY D MRS

314 HUNTER GEANIE

316 VAUGHAN SALLY L MRS 627-8214

317 SAINT MARY'S INFANT HOME

SAINT MARY'S CONVENT 622-1055

318 WATFORD FANNIE C MRS 627-0886

320 KING THOS L

322 DOUGLAS ELLA MRS

324 LEWIS DONNIE

326 SPELLER HOWARD

328 JOHNSON CLARA O MRS

10

---MARINER INTERSECTS

400 BOSTON LIZZIE G MRS

402 VINCENT LOIS MRS

404 WILSON WM

406 HOLMAN WM L

408 EDWARDS VIOLA W MRS

410 SIMON JOSEPH H

411 DAVIS JERRY MA7-6577

412 STREETER RAYMOND

413 GREEN ANNIE B MRS

414 DURHAM JOHN

415 LINDSEY JESSE R 623-4444

417 LITTLE BESSIE P MRS

418 HORTON NELLIE J MRS

419 HOWELL BEATRICE C MRS

420 ROBINSON MATILDA H MRS

421 HUDGINS GILBERT L

422 GRIFFIN THEO W

424 MC GEE ETHEL D MRS

425 WILLIAMS DELORAS I MRS

426 ELLIS LULA C MRS

427 SIMMONS FRANCES W MRS

MANACU FORD

## HOLT ST 1966

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 HOLT ST -FROM 200 CHURCH SOUTHEAST 6  
 1 NORTHEAST OF E CITY HALL AV  
 ---ZIP CODE 23504  
 ---FENCHURCH INTERSECTS  
 ---CHAPEL INTERSECTS  
 901 SAINT MARY'S CATHOLIC CHURCH  
 622-4487  
 915 SAINT MARY'S ACADEMY 622-1055  
 1000 SAINT MARY'S ACADEMY  
 PLAYGROUND  
 1023 SPADY PEARLIE  
 1025 KING ROSA L MRS  
 1027 THOMAS NORVELLA D  
 1029 WASHINGTON REGINA  
 1031 BAILEY WM E  
 1033 LEE SARAH D MRS 622-8846  
 1035 GIDDINGS ORA L MRS 622-2552  
 1037 JACKSON DELORIS M MRS  
 1040 STREETER SALLY MRS  
 1041 REEVES ELLA K MRS  
 1042 KELLOGG ROBERT  
 1043 BARBER THEO  
 1044 WOODBURY HAYWARD  
 1045 WEATHERS CLARENCE  
 1046 RICKS BEULAH  
 1047 JUMPER CARROL F MRS 623-9719  
 1048 WILSON BEATRICE 623-4303  
 1049 WYATT LEON  
 1050 JACOBS JOSIE G MRS 623-0622  
 1051 RHODES ALICE H MRS  
 1053 WIGGINS PRINCE A  
 1054 GUNTER JOSEPH  
 1055 WILSON ROSA R MRS  
 1056 BULLOCK HATTIE J MRS  
 1058 AUGSON ERNESTINE W MRS  
 627-4614  
 1060 HINNANT BERNICE B MRS 625-4023  
 1061 WEST HAZEL  
 1062 WILLIAMS ELOUISE P MRS  
 627-8129  
 1063 THOMAS WM R  
 1064 MOORE MAMIE E MRS  
 1065 JONES HENRY  
 1066 TWINE OLLIE  
 1067 NORFLEET MARGT S MRS  
 1068 SHORT DAVID L  
 1069 YOUNG R CLAUDE  
 1071 SEWARD JEAN C MRS  
 1073 BAILEY WM  
 1075 LAWRENCE ROBT  
 1100 THOMAS ELIZ  
 1101 SKINNER SIDNEY  
 1102 ARRINGTON BETSY C MRS MA7-7396  
 1103 NO RETURN  
 1104 HOGGARD LILLIE B MRS 623-3051  
 1105 BRACEY STANLEY B  
 1106 COWELL ERNEST S  
 1107 MONROE MISSOURI M MRS MA7-5913  
 1108 BROWN MELTON B  
 1109 THOMPSON SATTIE E MRS  
 1110 MC COY WILFORD J  
 1111 REAP HAZEL  
 1112 CAMPBELL HARVEY T 622-5866  
 1113 BAILEY RUTH L MRS  
 1114 UPSHUR BERNICE M  
 1115 SPICER EARTHA M MRS  
 1116 CAVE WM B

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## HOLT ST 1966

1117 ALLEN EDW L  
 1118 BREVARD MARY MRS  
 1119 PERSON LOUISE MRS  
 1121 JONES CLAUDE W MA7-7591  
 1122 GAMBLE OLA 623-5659  
 1123 JOHNSON JOHN J  
 1124 JOHNSON MARY M MRS  
 1125 KENNEDY LUCY J MRS 623-3182  
 1126 WASHINGTON GARLAND A  
 1127 MEDLEY CLYDE G  
 1128 HARRELL SOUTHEY 625-4938  
 1129 VAUGHAN LILLIAN I MRS  
 1130 JAMES CHARLIE  
 1131 MASON WM E 622-7524  
 1132 SAVAGE LUCY I MRS 622-0182  
 1133 FEREBEE JOSEPH F 623-7482  
 1134 BRICKHOUSE SIDNEY  
 1135 SKINNER AUDREY R MRS 625-4913  
 1136 BARCO SHIRLEY D MRS  
 1137 WILSON MARY M MRS  
 1138 HARRELL IRVING T 625-7956  
 1139 HARRELL EDW  
 1140 ANTHONY DOROTHY H MRS MA5-2705  
 1141 HINNANT CECIL  
 1143 PARKER CLARENCE W MA5-4601  
 1144 CLAPP DORIS MRS  
 1145 HOLLEY ADA M MRS  
 1146 MORRIS WILLIE MA2-7967  
 1147 WHITE QUEEN E MRS  
 1148 HOLLOMAN BOYD  
 1149 WHIDBEE ALICE T MRS  
 1150 GOODALL DELORIS C MRS  
 1151 LYNN ULEE MA2-2910  
 1152 NO RETURN  
       MC COVE WM S  
 1153 JONES JOAN B MRS  
 1154 DAVIS CLEVELAND M  
 1155 MARYLAND WM MA5-5220  
 1156 HOLMES RUTH C MRS  
 1157 RICHARDSON MARY S MRS 623-0161  
 1158 PARKER JAMES P  
 1159 JONES PRINCE 623-0594  
 1161 MORRIS ARLETHIA B MRS  
 1160 BROWN EARLICE R  
 1162 HOLLAND CURTIS D  
 1163 STATTON JAMES  
 1165 BLAND SARA V MRS  
 1166 LANKFORD DOROTHY S MRS  
 1167 WHITE WILMA MRS  
 1168 ANDERSON SUDIE  
 1169 EDWARDS RUTH W MRS  
 1170 ELLIS CURTIS C  
 1171 BOND JAMES L  
 1172 WALDEN ALICE W MRS  
 1173 WILLIAMS MARY MRS 627-3411  
 1174 HAROLD CLARENCE N 623-7130  
 1175 MC NEAL FLOZELL MRS MA3-0300  
 1176 LOFTIN ROBT O  
 1177 GRAY NANNIE M MRS MA3-9812  
 1178 CASON WENDELL C  
 1179 COPPAGE CAREY I  
 1180 TALLEY JAMES L  
 1181 WILKINS JAMES J  
 1182 DRAKE RICH D L  
 1183 COLE COREAN J MRS  
 1184 WHITE JAMES E MA5-6650  
 1185 EPPS JAMES E 623-6775  
 1187 BAKER JOHN C 627-8016  
 1189 JONES BETTIE M MRS MA7-8981  
 1191 BOOSE CALONA M MRS

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SAINT PAULS BLVD 1966

ST PAUL'S BLVD--CONTD  
STATE COURTS BUILDING--CONTD

CLERK OF CIRCUIT COURT 441-2561  
STATE PROBATION & PAROLE OFC  
625-4642  
STATE COURTS BUILDING  
CITY CORPORATION COURT 441-2461  
ROOMS  
100 CITY CORPORATION CT CLK  
441-2461  
100 CITY CORPORATION COURT PART  
II 441-2461  
100 CITY COURT OF LAW &  
CHANCERY CLK 441-2461  
101 CLERK OF CIRCUIT COURT  
441-2561  
102 STATE PROBATION & PAROLE  
OFCR 625-4644  
103 COURT ROOM  
109 COURT ROOM  
111 CITY CORPORATION CT PART II  
441-2461  
203 CITY COURT OF LAW &  
CHANCERY 441-2461

4

---MAIN INTERSECTS  
---E PLUME ENDS  
---BERMUDA BEGINS  
133 SNYDER'S L INC (DISPLAY RM)  
139 VACANT  
---HOLT BEGINS  
---E CITY HALL AV INTERSECTS  
151 SNYDER'S L INC DEPT STORE  
627-5451  
201 SAINT PAUL'S EPISCOPAL CHURCH  
627-4353  
SAINT PAUL'S MUSEUM  
---MARKET ENDS  
---HOLT ENDS  
300 DOWNTOWN PLAZA SHOPPING CENTER  
---MARINER BEGINS  
400 HORST ADVERTISING SERVICES INC  
622-2724  
411 ALTSCHUL'S INC DEPT STORE  
MA2-2317

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## SAINT PAULS BLVD 1966

4

DOWNTOWN PLAZA SHOP CTR -LOCATED AT  
300 ST PAUL'S BLVD

---ZIP CODE 23510

- 1 VIRGINIA NATIONAL BANK BR  
627-3511
- 3 BARTLEY A & SONS JEWELERS & OPTOM  
627-1681
- 4 LIBERAL CLOTHIERS CLO 627-4553
- 7 VIRGINIA FURNITURE CO 627-5075
- 10 PLAZA FASHIONS WOMENS CLO  
622-5479
- 11 SCHIFF'S SHOES 627-4625
- 12 CONTINENTAL BROADCASTING CORP  
(WRAP RADIO) (SLS OFC) 625-2722  
DEAN'S CREDIT CLOTHIERS 627-0041
- 14 WOOLWORTH F W & CO MA7-1662
- 17 HOFHEIMER'S SHOE STORES (BR)  
622-5781
- 18 DOWNTOWN PLAZA AMERICAN GAS STA  
625-8879
- 19 LEVY A & SONS CLO 622-3891
- 20 STATE A B C BD STORE NO 107  
MA2-7778
- 22 JOHN'S BARGAIN STORE GENL MDSE  
625-9722
- 24 VACANT
- 25 SUNLIGHT ONE HOUR CLEANING  
625-9747
- 26 DUTCH MAID DONUT SHOP 625-8725
- 32 PEOPLES SERVICE DRUG STORES INC  
NO 240 627-4733
- 36 BE-LO SUPER MARKET NO 111  
625-0646

SAINT PAULS BLVD 1966

176

42 WESTERN AUTO SUPPLY CO 622-4721

52 VACANT

70 MEYERS & TABAKIN INC FURN  
622-3735



155



WALKE ST 1966

-----  
10  
WALKE ST -FROM 1000 E CITY HALL AV  
NORTHEAST 2 SOUTHEAST OF CHURCH

---ZIP CODE 23504

## WALKE ST 1966

## WALKE ST--CONTD

---HOLT INTERSECTS  
 ---MARINES INTERSECTS  
 401 VACANT  
 403 GILLIAM JULIA J MRS  
 405 REAVES CLARENCE L  
 407 LEWIS MATTHEW  
 409 POWELL BLANCHE C MRS  
 411 BOYKINS MARY L MRS  
 413 ARMSTRONG LOUISE A MRS 627-1012  
 415 SIMONS GEO M  
 419 BROOKS DOROTHY M MRS  
 421 RHEM LEWIS  
 423 MORGAN ROLAND  
 425 JOYNER THEDOISHA F MRS MA7-8552  
 427 BARNES WILLIE  
 429 JONES GEO 625-1844  
 433 WHITE ERNESTINE P MRS  
 435 CARTER VENUS  
 437 LITTLE FRED  
 439 PASCHALL FRANK  
 441 STEPHENSON GEO  
 443 BARNES LEE JR  
 447 FINNAMAN GEO W 622-4564  
 449 LEWIS ANDERSON MA7-9333  
 450 TIDEWATER PARK RENTAL OFC  
     625-4551  
     NFK REDEVELOPMENT & HSE AUTH  
     (TIDEWATER PK OFC) 625-4551  
 451 ROSCOE JAMES F 622-8888  
 453 MIX HATTIE M MRS  
 455 MC COY NATHAN  
 457 SMITH ROGER W  
 459 FITZGERALD LALAR A MRS 625-7573  
 461 WOOD PHYLLIS MRS  
 ---E CHARLOTTE INTERSECTS

## WOOD ST 1966

Address	Phone
WOOD ST -FROM 568 CHURCH SOUTHEAST 1 NORTHEAST OF E CHARLOTTE	10 7
---ZIP CODE 23504	
---FENCHURCH ENDS	7
---DOYLE ENDS	
812 YOUNG MEN'S CHRISTIAN ASSN 627-4072	
815 CHRIST PENTECOSTAL CHURCH 623-2208	7
---CHAPEL INTERSECTS	
900 WOOD & CHAPEL MARKET GROS MA3-7996	
901 NIXON GEO W	
902 BROWN JOHN E BRIGHT DAVID 627-9341	7
903 RIDDICK HANNAH L MRS	
904 JONES ELIZ 623-5218 EVANS JESSE	7
905 NO RETURN HAWKINS EMMITT	
906 LEIGH MARIE K MRS *	
908 PAYTON MARY S MRS * 622-1445	
909 OWENS JAMES C 627-6856	
912 FEREBEE FRANK ICE DLR * MA5-4083	7
913 JONES HELEN O MRS BUTLER JOSEPH MA7-8824	
914 BROOKS EDDIE	
916 PASCHELL MARVIN	7
917 TAYLOR MONTGOMERY	7
919 GAMBLE DEVERNIA * MA7-3779	
920 MORRIS AMBROSE 627-6581 LONG HERBERT	7
923 MITCHELL CELIA B MRS MA2-1404	
924 WILLIAMS GERTRUDE W MRS 623-3688	7
925 JOHNSON ELLIS M * 622-8760	
926 PARKER BENJ F FURN FOOMS	
928 HOSKINS EMMA 625-6047 REEVES ANDREW L	7 7
930 VACANT	
932 ELLIS PRINCE	
1000 STONE HELEN G MRS * MA2-4955	
1004 HAMM HUGH 627-5012	
1008 YOUNG EDDIE J BUTLER ADDIE C MRS	7 7
1010 BONDHILL MARY J MRS *	
1011 WILLIAMS GROCERY BOSTON ELVIRA M MRS	
REAR MC NAIR JULIUS	
1012 HUNTER DOROTHY W MRS 623-2189	7
1014 DUDLEY JEANETTE D MRS EVANS CARRIE V MRS	7
1015 JERNIGAN HERMAN TATE MAGNOLIA MRS	
1016 ALLEN EULA D MRS * 623-1054	

WOOD ST 1966

563

3	1018 NEWSOME MAGGIE C MRS ●	
	625-2002	7
	1020 HAYNES BERTHA L MRS	
	1021 TURNER MARSHALL ●	
	1022 SOLID ROCK EVANGELICAL	7
	CHRISTIAN CHAPEL	
	PURNELL JOHN D REV ● 623-5864	
	1024 PARKER WM T	
	-----	
	105	7

✓

## CHAPEL ST 1964

6

CHAPEL ST -FROM 900 E MAIN  
NORTHEAST 1 SOUTHEAST OF  
FENCHURCH

---BERMUDA INTERSECTS

---VIRGINIA BEGINS

---ZONE 4

232 LE FROIS JOSEPH G REV MA2-4487

901 SAINT MARY'S CATHOLIC CHURCH

---HOLT INTERSECTS

310 BENSON CHARLIE MA2-9456

312 THOMAS REESE

314 HUNTER GEANIE

316 VAUGHAN SALLY L MRS MA7-8214

318 WATFORD FANNIE C MRS 627-0886

320 KING THOS L

322 THORPE ANNIE M MRS

324 LEWIS DONNIE MA5-7967

326 NORFLEET JAMES E MA5-6425

328 LOFTIN MARY R MRS

317 SAINT MARY'S CONVENT MA7-7828

10

---MARINER INTERSECTS

400 BOSTON LIZZIE G MRS

402 MC LEAN DORA W MRS MA5-5014

404 HUNTER CLIFTON

406 MILLER JOHN P 627-5726

408 EDWARDS VIOLA W MRS 622-1793

410 HARRELL EUGENE MA7-4724

411 DAVIS JERRY MA7-6577

412 BOOKER THEO C JR

413 VACANT

414 VACANT

415 CARNEY FRED J

417 LITTLE CLARENCE 622-0790

418 HORTON NELLIE J MRS

419 HOWELL BEATRICE C MRS

420 PARHAM EVA C 622-2226

421 HUDGINS GILBERT L

422 BLUE ROBT

424 MC GEE ETHEL D MRS

425 VACANT

426 ELLIS LULA C MRS

427 VACANT

428 STEWART CHARLES L MA3-2148

429 JENKINS HAROLD

430 GRIER RALPH D

## HOLT ST 1964

----- 6  
 HOLT ST -FROM 200 CHURCH SOUTHEAST  
 1 NORTHEAST OF E CITY HALL AV

714 CLAY HENRY SCHOOL MA2-9707  
 ---FENCHURCH INTERSECTS  
 ---CHAPEL INTERSECTS  
 901 SAINT MARY'S CEMETERY  
 915 VACANT  
 1000 SAINT MARY'S ACADEMY 627-6785  
 1023 BEST MARY H  
 1025 KING JESSE J  
 1027 JONES LUCILLE D MRS  
 1029 MOORE LOIS I 622-5889  
 1031 BAILEY WM G  
 1033 LEE SARAH D MRS 622-8846  
 1035 GIDDINGS ORA L MRS 622-2552  
 1037 JACKSON DELORIS M MRS  
 1040 STREETER SALLY MRS  
 1041 NO RETURN  
 1042 KELLOGG ROBERT  
 1043 BARBER THEODORE  
 1044 WOODBURY HAYWARD  
 1045 RICHARDSON PAUL N JR  
 1046 RICKS BEULAH  
 1047 JUMPER CARROL F MRS 625-5294  
 1048 WILSON BEATRICE 622-8169  
 1049 HORTON PEARLIE C MRS  
 1050 JACOBS JESSIE MRS  
 1051 RHODES ALICE H MRS  
 1053 WIGGINS PRINCE A  
 1054 GUNTER JOSEPH  
 1055 WILSON ROSA  
 1056 BULLOCK HATTIE J MRS  
 1058 AUGSON ERNESTINE W MRS  
 1060 HINNANT KELLEY 625-4023  
 1061 WEST HAZEL  
 1062 WILLIAMS ELOUISE P MRS  
 1063 THOMAS WM R  
 1064 MOORE WM E 622-5178  
 1065 ROBINSON JULIA MRS  
 1066 MITCHELL GLADYS M MRS  
 1067 NORFLEET MARGT S MRS  
 1068 SHORT DAVID L  
 1069 YOUNG R CLAUDE  
 1071 SEWARD SIDNEY A  
 1073 NO RETURN  
 1075 JONES HENRY  
 1100 WILLIAMS JAMES N  
 1101 SKINNER SIDNEY  
 1102 ARRINGTON BETSY C MRS MA7-7396  
 1103 JENNETTE MATTIE B MRS 623-2498

## HOLT ST 1964

272

1104 HOGGARD LILLIE B MRS  
 1105 JONES JAMES H JR  
 1106 COWELL ERNEST S  
 1107 MONROE MISSOURI M MRS MA7-5913  
 1108 SMITH DOUGLAS JR  
 1109 THOMPSON SALLIE E  
 1110 MC COY WILFORD J  
 1111 REAP HAZEL  
 1112 CAMPBELL HARVEY T  
 1113 BAILEY RUTH L  
 1114 RUSHING GEO N  
 1115 SPICER EARTHA M MRS  
 1116 HINES SUSIE B MRS  
 1117 ALLEN EDW L  
 1118 BREVARD MARY MRS  
 1119 SANDERS GILLIE 625-7506  
 1121 JONES CLAUDE W MA7-7591  
 1122 GAMBLE OLA MRS  
 1123 JOHNSON JOHN J  
 1124 SQUARE JAMES MA7-1429  
 1125 KENNEDY LUCY J MRS  
 1126 WHITE QUEEN E MRS  
 1127 MEDLEY CLYDE  
 1128 HARRELL SOUTHEY MA5-4938  
 1129 MC NEAL DARTHULA R MRS  
 1130 SMITH JOHN E MA2-6812  
 1131 MASON WM E 622-7524  
 1132 SAVAGE LUCY I MRS 622-0182  
 1133 FEREBEE JOSEPH F 623-7482  
 1134 TAHB VERNON J MA7-1462  
 1135 SKINNER AUDREY R MRS  
 1136 COWELL IRENE C  
 1137 WILSON MARY M MRS  
 1138 HARRELL IRVING T 625-7956  
 1139 HARRELL EDW MA2-8065  
 1140 ANTHONY DOROTHY H MRS MA5-2705  
 1141 HINNANT CECIL  
 1143 PARKER CLARENCE W MA5-4601  
 1144 CLAPP DORIS  
 1145 HOLLEY ROOSEVELT JR  
 1146 MORRIS WILLIE MA2-7967  
 1147 PURVIS JOHN B 625-2751  
 1148 HOLLOWAN BCOYD  
 1149 WHIDBEE ALCIE M MRS  
 1150 GOODALL FRED J  
 1151 LYNN ULEE MA2-2910  
 1152 WILSON ESTELLE D REV MRS  
 MA5-0295  
 MC COVE WM S  
 1153 WHITFIELD JUANITA MRS  
 1154 MATTHEWS NINA E MRS  
 1155 MARYLAND WM MA5-5220  
 1156 HOLMES RUTH C  
 1157 RICHARDSON MARY S MRS 623-0161  
 1158 BRACEY STANLEY B  
 1159 JONES PRINCE MA3-0594  
 1161 MORRIS ARLETHIA B MRS  
 1160 BROWN EARLICE R  
 1162 MARCHELL GWENDCLYN B MRS  
 MA5-5047  
 1163 STATTEN JAMES  
 1165 BLAND SARA V MRS  
 1166 LANKFORD DOROTHY S MRS  
 1167 WHITE WILMA  
 1168 DIXON ERNEST  
 1169 EDWARDS RUTH W MRS  
 1170 HARRIS WM H 623-4735  
 1171 BOND JAMES L  
 1172 PASCHALL FRANK A  
 1173 WILLIAMS MARY E MRS 627-3411  
 1174 HAROLD CLARENCE N 623-7130  
 1175 MC NEAL FLOZELL MA3-0300  
 1176 DANIELS FRED L  
 1177 GRAY NANNIE M MRS MA3-9812  
 1178 CASON WENDELL C  
 1179 COPPAGE CAREY I  
 1180 TALLEY JAMES L  
 1182 CRAKE RICH D L  
 1183 COLE COREAN J MRS  
 1184 WHITE JAMES E MA5-6650  
 1185 EPPS JAMES E 623-6775  
 1187 BAKER JOHN C  
 1189 JONES BETTIE M MRS MA7-8981  
 1191 BOOSE CALONA M MRS

103

SAINT PAULS BLVD 1964

SAINT PAUL'S BLVD -FROM WATER ST  
NORTH 2 EAST OF COMMERCIAL PL

2

100 UNDER CONSTN

4

---MAIN INTERSECTS

---E PLUME ENDS

---BERMUDA BEGINS

133 SNYDER'S L INC (DISPLAY RM)

139 FLEMING SHOE CO MA7-6195

---HOLT BEGINS

---E CITY HALL AV INTERSECTS

201 SAINT PAUL'S EPISCOPAL CHURCH  
627-4353

SAINT PAUL'S MUSEUM

237 VACANT

---MARKET ENDS

---HOLT ENDS

300 DOWNTOWN PLAZA SHOPPING CENTER

---MARINER BEGINS

400 HORST ADVERTISING SERVICE INC  
622-2724

409 ALTSCHUL'S INC DEPT STORE  
MA2-2317

71



## SAINT PAULS BLVD 1964

4

DOWNTOWN PLAZA SHOP CTR -LOCATED AT  
300 ST PAUL'S BLVD

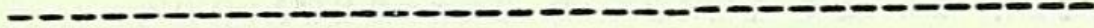
- 1 VIRGINIA NATIONAL BANK (BR)  
627-3511
- 3 BARTLEY A & SONS JEWELERS & OPTOM  
627-1681
- 4 LIBERAL CLOTHIERS FAMILY CLO  
MA7-4553
- 7 VIRGINIA FURNITURE COMPANY RETAIL  
FURN & APPL MA7-5075
- 9 VACANT
- 11 EDWARDS E D SHOES 726-4635
- 12 CONTINENTAL BROADCASTING CORP  
(WRAP RADIO) (SLS OFC) 625-2722  
DEAN'S CREDIT CLOTHIERS FAMILY  
CLO 726-0041
- 14 WOOLWORTH F W & CO MA7-1662
- 19 LEVY A & SONS RETAIL CLO &  
JEWELRY MA2-3891
- 20 STATE A B C BD STORE NO 107  
MA2-7778
- 22 JOHN'S BARGAIN STORE GENL MDSE  
RETAIL 625-9722
- 25 SUNLIGHT ONE HOUR CLEANING  
625-9747
- 32 PEOPLE'S DRUG STORE NO 240  
627-4733

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SAINT PAULS BLVD 1964

36 BE-LO SUPER MARKET NO 111  
 42 UNDER CONSTN  
 52 UNDER CONSTN



64

## WALKE ST 1964

247

10

WALKE ST -FROM 1000 E CITY HALL AV  
NORTHEAST 2 SOUTHEAST OF CHURCH

---HOLT INTERSECTS

---MARINES INTERSECTS

401 LYNCH RUSSELL

403 GILLIAM JULIA J MRS

405 REAVES CLARENCE L

407 NO RETURN

409 POWELL BLANCHE C MRS

411 MANN DONNIE

413 ARMSTRONG LOUISE A MRS 627-1012

415 WASHINGTON REGINA O MRS

419 BROOKS WM L

421 RHEM LEWIS

425 JOYNER THEDOISHA F MRS MA7-8552

427 BARNES WILLIE

429 WRIGHT LENA M MRS

433 WHITE ERNESTINE P MRS

435 CARTER VENUS

437 LITTLE FRED

439 ANDERSON ROBERT MA7-8092

441 AUSTON CHARLIE

AUSTIN CHARLIE

443 BARNES LEE JR

447 VACANT

449 LEWIS ANDERSON MA7-9333

450 TIDEWATER PARK RENTAL OFC

MA5-4551

451 LINDSEY JESSE R 623-4444

453 MIX HATTIE M MRS

455 JONES GEO L W 625-1844

457 SMITH ROGER W

459 FITZGERALD LALAR A MRS MA7-7695

461 BARRINGTON MANCER L

---E CHARLOTTE INTERSECTS

-----  
78

## WOOD ST 1964

10

WOOD ST -FROM 568 CHURCH SOUTHEAST  
1 NORTHEAST OF E CHARLOTTE

---FENCHURCH ENDS

---DOYLE ENDS

812 YOUNG MEN'S CHRISTIAN  
ASSOCIATION (HUNTON BRANCH)  
MA7-4072

815 CHRIST PENTECOSTAL CHURCH  
623-2208

---CHAPEL INTERSECTS

900 WOOD & CHAPEL MARKET GROS  
MA3-7996

901 NIXON GEO W

902 BROWN JOHN E  
HORTON WM MA3-7096

903 RIDDICK HANNAH L MRS

904 CONNER CHARLES JR

905 BROWN BENNIE E MA5-0015  
HAWKINS EMMITT

906 LEIGH MARIE K MRS •

908 PAYTON MARY S MRS • MA5-5246

909 OWENS JAMES C  
WILLIAMS LEWIS

910 VACANT

911 WOODY OSCAR H •

912 FEREBEE FRANK ICE DLR •  
MA5-4083

913 JONES HELEN D MRS MA2-3110  
BUTLER JACQUILINE S MA7-8824

916 ELLIS PRINCE

917 VACANT

919 GAMBLE DEVERNIA MA7-3779

920 MORRIS AMBROSE 627-6581

922 VACANT

923 BLOUNT HAZEL  
MITCHELL CELIA B MRS MA2-1404

924 WILLIAMS GERTRUDE E MRS  
MA3-3688

925 JOHNSON ELLIS M • MA3-3588

926 PARKER BENJ F FURN FOOMS

928 HOSKINS EMMA MA5-6047  
REEVES ANDREW L

929 FLOWERS JAMES M JR •

930 GRIMES LUCILLE F MRS 627-9341

932 DAY MAMIE S

1000 STONE LAWRENCE T • MA2-4955

1004 HAMM HUGH

1008 YOUNG EDDIE J 623-2281

1010 BONDHILL MARY J MRS • 622-2280

## WOOD ST 1964

## WOOD ST--CONTD

1011 WILLIAMS GROCERY  
BOSTON ELVIRA M MRS  
REAR MC NAIR JUDUS  
1014 DUDLEY JEANETTE D MRS  
EVANS CARRIE V MRS  
1015 JERNIGAN HERMAN  
TATE MAGGNORIA MRS  
1016 ALLEN EULA D MRS •  
1018 NEWSOME MAGGIE C MRS •  
625-2002  
1020 CHANCEY FRANK R • MA3-5864  
1021 BRANCH WILLIE  
1022 SOLID ROCK EVANGELICAL  
CHRISTIAN CHAPEL  
PURNELL JOHN D REV • 625-7709  
1024 GILL WILLIS C

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## Appendix E

### Information Requests



# Department of Environmental Quality

## Freedom of Information Act Request Form

Did you know the information you are looking for may already be online? We have compiled a list of the most frequently requested FOIA items. Please take a moment to review this resource prior to submitting a request.

**Online FOIA Resources**

### Requestor Information

<p>Name</p> <input style="width: 95%;" type="text" value="Alexis Holcomb"/>	<p>Company</p> <input style="width: 95%;" type="text" value="SCS Engineers"/>
<b>Complete Address:</b>	
<p>Street</p> <input style="width: 95%;" type="text" value="2877 Guardian Lane, Suite 1-F"/>	<p>City</p> <input style="width: 95%;" type="text" value="Virginia Beach"/>
	<p>State</p> <input style="width: 95%;" type="text" value="VA"/>
	<p>Zip Code</p> <input style="width: 95%;" type="text" value="23452"/>
<p>Office Phone</p> <input style="width: 95%;" type="text" value="+1 (757) 201-9264"/>	<p>Cell Phone</p> <input style="width: 95%;" type="text"/>
<p>E-mail Address</p> <input style="width: 95%;" type="text" value="aholcomb@scsengineers.com"/>	

### Requested Site Information

<p>Facility Name (if applicable)</p> <input style="width: 95%;" type="text" value="N/A"/>	<p>Former Name/Owner (if applicable)</p> <input style="width: 95%;" type="text" value="Downtown Plaza Shopping Center"/>
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**Complete Address:**

*Please Note: DEQ is unable to search latitude/longitude, parcel or tax ids, radii, or adjacent properties without an address. To add **multiple addresses**, please use the plus (+) and minus (-) buttons below.*

Street (Required)	City	Zip Code	
300 St Pauls Blvd	Norfolk	23510	+ -
450 St Pauls Blvd	Norfolk	23510	+ -
418 St Pauls Blvd	Norfolk	23510	+ -
450 Posey Ln.	Norfolk	23510	+ -
501 Wood Street	Norfolk	23510	+ -
317 Chapel Street	Norfolk	23510	+ -
450 Walke Street	Norfolk	23510	+ -
418 E Bute Street	Norfolk	23510	+ -

Additional Information: List each property individually and include the PC#, IR#, Facility ID, Permit #, EPA ID#, or adjacent properties if known.

300 St Pauls: ERNS #296527 450 St Pauls: UST #5040187 418 St Pauls: UST #5003737, LUST #200000063935  
Rolands Auto Repair LUST #5021071 Dry Cleaners of VA RCRA VAD988223467 317 Chapel: UST #5004357  
450 Walke: UST #5022283, LUST #200000066379 418 E Bute: LUST #200000065159

What Date Range is this request for?

Last 12 Months  Last 5 years  1950 \_\_\_\_\_ to \_\_\_\_\_ 2019 \_\_\_\_\_



## Requested Information

Please be specific as possible in describing the information you are requesting.

UST and LUST Closure documentation, site characterizations, remedial action reports, registration/abandonment documentation  
ERNS closure reports, remedial actions taken  
RCRA violations and compliance records  
Dry Cleaners of VA - any information regarding subsurface testing before building was demolished in 2006-2007

Please provide past history and current usage of property. Any information is helpful. (Example: private residence, undeveloped land, current operating business, former business, industrial property, etc.)

The subject Site encompasses the entire block: south of Wood St., east of St. Pauls Blvd., north of Market St., and slightly east of Fenchurch Street (Tidewater Gardens residences). 1887-1950 numerous roadways, commercial entities, and dwellings. 1950-2008 commercial entities including strip mall with gas station, dry cleaners, and auto repair. 2008-present commercial entities: 2 restaurants, fire station, bus terminal, parking lots, portions of Tidewater Gardens and vacant lot.

\*Depending on the form and/or volume of information available, there may be charges for your request. If a potential charge applies, you will be contacted prior to request fulfillment.

## Where to Send This Form

To determine where your request should be submitted, select either the DEQ regional office where your site(s) is located, Central Office or entire state to include multiple locations.

Tidewater

To submit this FOIA request for one of the counties/cities below, please email this form to [trofoias@deg.virginia.gov](mailto:trofoias@deg.virginia.gov). Questions about your request can be answered by calling (757) 518-2000 ext. 0.

Counties: Accomack, Isle of Wight, James City, Northampton, Southampton and York

Cities: Chesapeake, Franklin, Hampton, Newport News, Norfolk, Portsmouth, Poquoson, Suffolk, Virginia Beach and Williamsburg

For more information on DEQ Locations, please visit <http://www.deq.virginia.gov/locations.aspx>.

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

**FOR  
TANKS  
IN  
VA**

**RETURN  
COMPLETED  
FORM  
TO**

Russell P. Ellison, III, P.G.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

(804) 257-6685

I.D. Number

**STATE USE ONLY**

4357

Date Received

APR 21 1988

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

ST. MARYS INFANT HOME

Street Address

317 CHAPEL ST

County

NORFOLK

City

NORFOLK

State

VA

ZIP Code

23504

Area Code

804

Phone Number

622-2208

Type of Owner (Mark all that apply )

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no. \_\_\_\_\_)

Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

L.S.

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

Job Title

Area Code

Phone Number

MR. STANLEY CRAFT

MAINT. SUPERVISOR

804 622-2208

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Signature

Date Signed

WILLARD M. BOWLER, JR. ASST. ADMINISTRATOR

Willard M. BOWLER

4/15/88

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.
<b>1. Status of Tank</b> (Mark all that apply <input checked="" type="checkbox"/> ) Currently in Use <input type="checkbox"/> Temporarily Out of Use <input type="checkbox"/> Permanently Out of Use <input checked="" type="checkbox"/> Brought into Use after 5/8/86 <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Estimated Age (Years)</b>		(1977) 9 YRS			
<b>3. Estimated Total Capacity (Gallons)</b>		8,000			
<b>4. Material of Construction</b> (Mark one <input checked="" type="checkbox"/> ) Steel <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Internal Protection</b> (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resins) <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. External Protection</b> (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection <input type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input checked="" type="checkbox"/> None <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Piping</b> (Mark all that apply <input checked="" type="checkbox"/> ) Bare Steel <input checked="" type="checkbox"/> Galvanized Steel <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input checked="" type="checkbox"/> ) a. Empty <input checked="" type="checkbox"/> b. Petroleum <input type="checkbox"/> Diesel <input type="checkbox"/> #2 FUEL OIL Kerosene <input checked="" type="checkbox"/> Gasoline (including alcohol blends) <input type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____ c. Hazardous Substance <input type="checkbox"/> Please Indicate Name of Principal CERCLA Substance _____ OR Chemical Abstract Service (CAS) No. <u>7A</u> Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) <u>FEB / 1983</u> b. Estimated quantity of substance remaining (gal.) _____ c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

File



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

John Paul Woodley, Jr.  
Secretary of Natural Resources

5636 Southern Boulevard  
Virginia Beach, VA 23462  
Tel# (757) 518-2000  
<http://www.deq.state.va.us>  
Fax# (757) 518-2009

Dennis H. Treacy  
Director

Francis L. Daniel  
Tidewater Regional Director

December 6, 2001

Mr. E. T. Lemmon  
Suffolk Oil Company, Inc.  
1013 W. Washington Street  
Post Office Box 1218  
Suffolk, Virginia 23439-1218

Re: Release Investigation and **Case Closure**  
Name/Location: Texaco Station – Downtown Plaza  
418 St. Paul's Boulevard, Norfolk, Virginia  
DEQ Tracking Number: PC#02-5027

Dear Mr. Lemmon:

Thank you for notifying the Department of Environmental Quality (DEQ) at the Tidewater Regional Office about a suspected release of petroleum hydrocarbons to the environment at the referenced site. The DEQ has reviewed site conditions as well as the most recent tank tightness test results (October 24, 2001) your environmental consultant has provided regarding the condition of the underground storage tanks (USTs) onsite. Based upon the information provided, the State Water Control Board acting through the DEQ, as authorized by CODE § 62.1-44.34:8 through 9 and 9 VAC 25-580-10 et seq., believes that petroleum contamination levels previously detected on the above property do not warrant further action and now considers this case closed.

Please note that additional release reporting, investigation, and corrective action may be required in accordance with Virginia Law if additional contamination is discovered on the property. If you have any questions regarding this matter, please do not hesitate to contact me at (757) 518-2122.

Sincerely,

Michael J. Sarros  
Geologist Senior

c: Ms. Marina Phillips, Kaufman & Canoles  
Ref File PC 02-5027

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO	2678	
CONNECTION TEL		94365266
CONNECTION ID		
ST. TIME	12/06 14:28	
USAGE T	00'54	
PGS. SENT	2	
RESULT	OK	



**FACSIMILE TRANSMITTAL SHEET**

<b>TO:</b> Bryan Genzler	<b>FROM:</b> Michael J. Sarros
<b>COMPANY:</b> IMS Environmental Services	<b>DATE:</b> December 6, 2001
<b>FAX NUMBER:</b> 757-436-5266	<b>NO. OF PAGES INCLUDING COVER:</b> 2
<b>PHONE NUMBER:</b> 757-436-3000	<b>POLLUTION COMPLAINT NUMBER:</b> 02-5027
<b>Subject:</b> Case Closure Letter for Downtown Plaza Texaco (Suspected Release)	

URGENT     FOR REVIEW     PLEASE COMMENT     PLEASE REPLY     PLEASE CALL ME

NOTES/COMMENTS:

-Michael

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO	2677	
CONNECTION TEL		96243169
CONNECTION ID	KAUFMAN & CANOLE	
ST. TIME	12/06 14:26	
USAGE T	01'18	
PGS. SENT	2	
RESULT	OK	



**FACSIMILE TRANSMITTAL SHEET**

<b>TO:</b> Ms. Marina Phillips	<b>FROM:</b> Michael J. Sarros
<b>COMPANY:</b> Kaufman & Canoles	<b>DATE:</b> December 6, 2001
<b>FAX NUMBER:</b> 757-624-3169	<b>NO. OF PAGES INCLUDING COVER:</b> 2
<b>PHONE NUMBER:</b> 757-624-3279	<b>POLLUTION COMPLAINT NUMBER:</b> 02-5027
<b>Subject:</b> Case Closure Letter – Downtown Plaza (for the suspected release)	

URGENT     FOR REVIEW     PLEASE COMMENT     PLEASE REPLY     PLEASE CALL ME

NOTES/COMMENTS:



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.  
Secretary of Natural Resources

5636 Southern Boulevard  
Virginia Beach, VA 23462  
www.deq.state.va.us

Robert G. Burnley  
Director

Francis L. Daniel  
Tidewater Regional Director  
(757) 518-2000

July 3, 2003

Suffolk Oil Company  
1013 West Washington Street  
Suffolk, VA 23439-1218

Attn: E. T. Lemmon, III

Re: Limited Phase II Environmental Assessment Report Review  
Site Name/Location: St. Paul's Texaco  
418 St. Paul's Boulevard  
Norfolk, Virginia 23501  
DEQ Tracking Number: PC# 86-0715 and 02-5027  
Facility ID: 5003737

Dear Mr. Lemmon:

The Department of Environmental Quality (DEQ) received a Phase II Environmental Assessment Report on June 30, 2003, submitted by McCallum Testing Laboratories. Based upon our review of the information provided, it appears the contamination encountered is related to the previous release investigated under the pollution complaint numbers 86-0715 and 02-5027 that were closed on August 11, 1994 and December 6, 2001, respectively. The contamination levels reported do not warrant further investigation or corrective action. This pollution complaint case remains closed. Should future environmental problems occur, which the DEQ determines are related to this site, additional investigation and corrective action may be required in accordance with State Law.

If petroleum contaminated soil and/or groundwater is encountered during future construction at the referenced site then the petroleum contaminated media must be properly treated and disposed of in accordance with the Virginia DEQ Storage Tank Program Technical Manual (Section 6.0 Management of Petroleum Contaminated Media).

If you have any questions regarding this matter, please contact Tammy Coffey at (757)518-2134, fax (757) 518-2009.

Sincerely,

A handwritten signature in black ink that reads "Tamara L. Coffey".

Tamara L. Coffey  
Geologist Senior  
Remediation Section

cc: File – PC# 86-0715 and 02-5027  
Marvin Smith – McCallum (fax)

<b>Notification for Underground Storage Tanks</b>		<b>STATE USE ONLY</b>	
State Agency Name and Address State Water Control Board - UST Program		P.O. Box No. 11143 Richmond, VA 23230	
TYPE OF NOTIFICATION		ID NUMBER	5-003737
<input type="checkbox"/> A. NEW FACILITY <input type="checkbox"/> B. AMENDED <input checked="" type="checkbox"/> C. CLOSURE		DATE RECEIVED	3/28/94
<input checked="" type="checkbox"/> No. of tanks at facility <u>3</u> No. of continuation sheets attached _____		A. NEW	_____
INSTRUCTIONS		B. AMENDED	_____
Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.		C. ENTERED INTO UST-DMS	_____
		D. Comments:	_____
		PL 20-075	

**GENERAL INFORMATION**

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by §62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?**

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

**What UST's Must Be Notified?** Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

**What UST's Are Excluded From Notification Requirements?**

- Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
- Tank used for storing heating oil for consumption on the premises where stored, except for tanks having a capacity of more than 5,000 gallons and used for storing heating oil;
- Septic tank;
- Pipeline facility (including gathering lines) regulated under:
  - The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or
  - The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or
  - Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;
- Surface impoundment, pit, pond, or lagoon;
- Storm-water or wastewater collection system;
- Flow-through process tank;
- Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or
- Storage tank situated in an underground area (such as a basement, cellar, mine, tunnel, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**The Following Need Not Notify, But May Be Regulated.**

- Wastewater treatment tank systems;
- Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);
- Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

- Airport hydrant fuel distribution systems; and
- UST systems with field-constructed tanks

**What Substances Are Covered?** "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

- Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and
- Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

**When to Notify?**

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out), tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

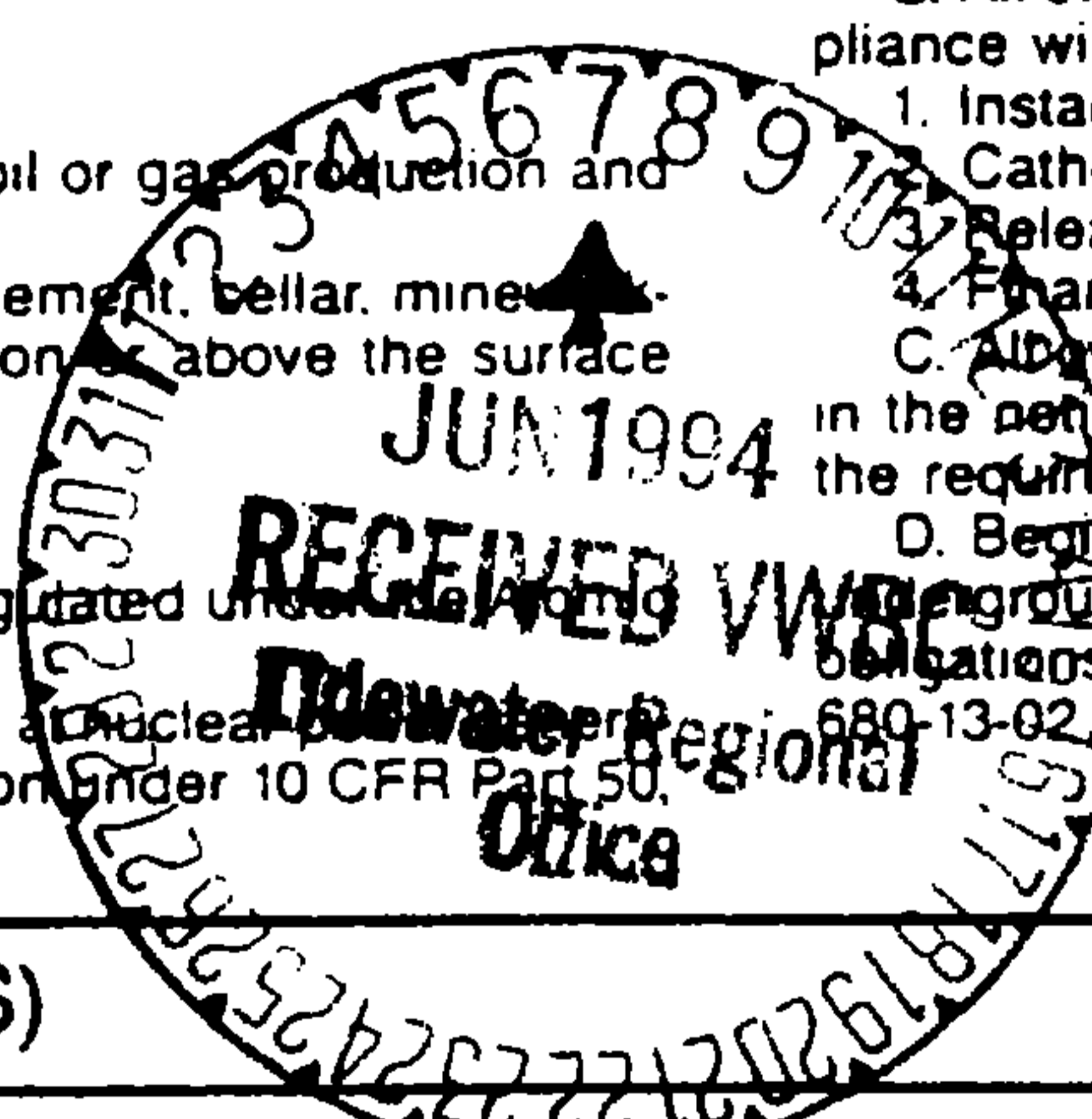
Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation VR 680-13-02:

- Installation of tanks and piping under subsection E of § 2.1;
- Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
- Release detection under §§ 4.2. and 4.3.
- Financial responsibility under Virginia Regulation VR 680-13-03.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of VR 680-13-02.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 680-13-02, may be used to comply with this requirement.



**I. OWNERSHIP OF TANK(S)**

**II. LOCATION OF TANK(S)**

Amoco Oil Company  
Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Street Address  
1 WEST PENNSYLVANIA AVE  
SUITE 400

City TOWSON State MARYLAND ZIP Code 21204-5027

County (410) 494-3706

Phone Number (Include Area Code)

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat 42. 36. 12N Long. 85. 24. 17W

Latitude ✓ Longitude ✓

(If same as Section I, mark box here)

Amoco Oil Company 5/5 # 2033  
Facility or Company Site Identifier, as applicable

18 DOWNTOWN BLVD (PIAZA)  
Street Address (P O Box not acceptable)

NORFOLK VA 23510  
City State ZIP Code

NORFOLK  
County Municipality



III. TYPE OF OWNER	IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government <input type="checkbox"/> State Government <input type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Private	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/> Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>
		Tribe or Nation: <div style="text-align: center; font-size: 1.5em; font-family: cursive;">N/A</div>

**V. TYPE OF FACILITY**

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

**VI. CONTACT PERSON IN CHARGE OF TANKS**

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
D. L. M <sup>c</sup> CRAY	MAINT. SUPERVISOR	Amoco Oil Company 1 W. PENNSYLVANIA AVE SUITE 400 TOWSON, MD 21204	(410) 494-3706  OR (804) 320-4311

**VII. FINANCIAL RESPONSIBILITY**

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).


---

Mark All that Apply

<input checked="" type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify) _____

**VIII. CERTIFICATION (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. *(To be signed by either the owner or the owner's authorized representative)*

Name and official title of owner (Print)	Signature	Date Signed
Name and official title of owner's authorized representative (Print)	Signature	Date Signed
DAVID L M <sup>c</sup> CRAY		Feb. 1, 1994

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. <u>4</u>	Tank No. <u>5</u>
1. Status of Tank (mark only one)					
Currently in Use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temporarily Out of Use (Remember to fill out section IX.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanently Out of Use (Remember to fill out section IX.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amendment of Information SERIAL NUMBER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)	7/86	7/86	7/86	7/86	7/86
3. Estimated Total Capacity (gallons)	10000	10000	10000	550	550
4. Material of Construction (Mark all that apply)	BT-10	BT-10	BT-10	BT-10	BT-10
Asphalt Coated or Bare Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cathodically Protected Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Epoxy Coated Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel with Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify					
Has tank been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping (Material) (Mark all that apply)					
Bare Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X-VENT
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X-SUPPLY
Cathodically Protected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify					
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Suction: valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gravity Feed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ALL TANKS AND LINES CLOSED 1.6.94 REMOVED

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. <u>4</u>	Tank No. <u>5</u>
7. Substance <del>Quantity</del> or Last Stored In Greatest Quantity by Volume					
Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Substance CERCLA name and/or CAS Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mixture of Substances Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**X. TANKS OUT OF USE, OR CHANGE IN SERVICE**

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	<u>1-4-94</u>	<u>1-4-94</u>	<u>1-4-94</u>	<u>1-4-94</u>	<u>1-4-94</u>
B. Estimate date tank closed (mo./day/year)	<u>1-6-94</u>	<u>1-6-94</u>	<u>1-6-94</u>	<u>1-6-94</u>	<u>1-6-94</u>
C. Tank was removed from ground	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D. Tank was closed in ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Tank filled with inert material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Describe					
F. Change in service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Closure Assessment Completed (Site Map and Soil Sampling Results must be submitted with this form.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Evidence of a leak detected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# IMS

## ENVIRONMENTAL

*A Division of Industrial Marine Service, Inc.*

MAILING ADDRESS: P.O. BOX 1779/NORFOLK, VA 23501-1779  
SHIPPING ADDRESS: 929 PROFESSIONAL PLACE/CHESAPEAKE, VA 23320-3618  
TELEPHONE: (24 HOURS) 804/436-3000  
FAX: 804/436-5266

Established  
1958

### UNDERGROUND STORAGE TANK CLOSURE REPORT

for

**AMOCO STATION #2033  
18 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA**

Pollution Complaint Number

**PC# 86-0715**



Prepared for

Mr. David McCray  
Amoco Oil Company  
4312 Croatan Road  
Richmond, Virginia 23235-1118  
(804) 320-4311

Submitted to

Virginia Department of Environmental Quality  
UST Program  
Post Office Box 11143  
Richmond, Virginia 23230-1143

Prepared by

Ms. Patricia A. McClelland, Geologist  
**IMS ENVIRONMENTAL**  
Post Office Box 1779  
Norfolk, Virginia 23501-1779  
(804) 436-3000

February 23, 1994

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## APPENDICES

- Appendix A: Photodocumentation
- Appendix B: Laboratory Report of Soil Analyses
- Appendix C: Fire Permit, City of Norfolk

## **1.0 INTRODUCTION**

IMS Environmental (IMS) is pleased to present this report of the underground storage tank (UST) closure assessment for Amoco Station #2033 located at 18 Downtown Plaza, Norfolk, Virginia (Figure 1). This assessment was performed in accordance with Virginia Department of Environmental Quality (VDEQ) regulation VR 680-13-02 (Virginia Underground Storage Tanks; Technical Standards and Corrective Action Requirements).

On January 6, 1994, an IMS geologist was present at the referenced location following the removal of five USTs to characterize the excavations for the UST closure assessment (Figure 2). Upon removing the tanks, IMS personnel studied the excavations for potential hydrocarbon impact to the subsurface horizons and collected soil samples for tank closure as required by VDEQ regulations. On January 18, 1994, McCord Construction (McCord) personnel were present on-site to remove the product lines. On January 27, 1994, IMS personnel returned to the site to collect soil samples from the product line excavations.

## **2.0 TANK INFORMATION**

A total of five USTs were removed from three excavations at the referenced facility. The main tank field (TFA) housed three 10,000 gallon cathodically-protected BT-10 steel USTs that previously contained Amoco Gold, Silver, and Blue grade unleaded gasolines. Also removed were two 550 gallon steel USTs that previously contained used oil and heating oil, respectively. The USTs and associated piping which were used to store gasoline were installed on July 30, 1986. The used oil and heating oil USTs were installed on the same date. The location of these tanks is depicted by Figure 2.

## **3.0 SITE HISTORY**

Following the discovery of an inventory loss, Amoco Oil Company (Amoco) retained Handex of Newport News (Handex) to conduct assessment, monitoring, and remediation activities at the site from August 1986 through September 1989. In September 1989, Amoco retained IMS to conduct routine monitoring at the referenced site. On April 23, 1990, IMS installed four additional monitoring wells to complement the five existing monitoring wells previously installed by Handex. IMS submitted a Site Characterization Report to the VDEQ on June 20, 1990. IMS has continued periodic groundwater monitoring and sampling at the site until the present time.

On December 31, 1993, Amoco ceased retail activities at the site. The property is currently vacant.

#### **4.0 TANK CLOSURE PROCEDURES**

During tank removal operations, the fill material which had been excavated from the main tank field (TFA) was returned to the excavation following the UST removal. The remainder of the excavation was filled with clean sand. Only a minor percentage of the fill material was removed from the used oil tank excavation (TFB) and heating oil tank excavation (TFC). Upon removing the used oil and heating oil USTs, the fill material was returned to each respective excavation.

The soil profile in the main tank field excavation consisted of crusher run from six inches to approximately 1.0 ft below grade, brown and gray fine to medium sand and silt from 1.0 ft to 2.5 ft below grade, and gray fine to medium sand, some silt from 2.5 ft to 15 ft below grade. The soil profile of the used oil tank and heating oil tank excavations was a brownish-gray fine to medium sand, some silt from six inches to approximately 7 ft below grade.

The water table was encountered in the main tank field excavation during UST removal operations at a depth of approximately 12 ft.

Upon arriving at the site on January 6, 1994, McCord had already removed the USTs which formerly stored gasoline and transported the tanks off the site. According to McCord personnel the tanks appeared to be in good condition. The protective coating on the steel tanks appeared to be peeling in certain locations; however, no corrosion was reported to be observed on the tanks. The integrity of the used oil and heating oil tanks was inspected by IMS personnel. The used oil and heating oil USTs appeared to be in good condition, with no evidence of failure.

IMS personnel inspected the walls and floors of the tank excavations for any evidence of impact due to the presence of subsurface hydrocarbons. The soils exposed by the tank excavations in the main tank field showed no evidence of hydrocarbon like staining along the walls of the excavation. Minor petroleum-like staining was observed on the floor of the main tank field. No evidence of petroleum-like staining was observed on the walls or the floor of the used oil or heating oil excavation. Nonaqueous phase liquids (NAPLs) were not detected in any of the excavations during removal of the USTs. Photographs documenting the above observations have been included as Appendix A.

On January 18, 1994, McCord personnel removed the product lines. According to McCord personnel no petroleum-type staining or NAPLs were observed in the product line excavations. The product lines removed were constructed of galvanized steel. According to McCord personnel, the lines were in good condition with no corrosion pitting or evidence of failure.

## 5.0 COLLECTION OF SOIL SAMPLES

Eight soil samples were collected from the three tank field excavations and two soil samples were collected from the product line excavations (Figure 2). Four soil samples were collected from the excavation walls of the main tank field at a depth of approximately 9 ft below grade. Two soil samples were collected from both the used oil and heating oil UST excavations at a depth of approximately 6 ft below grade. Two soil samples were collected from the product line excavations at a depth of approximately 3 ft. A composite soil sample was collected for disposal analysis from the soils removed during the excavation of the three 10,000 gallon gasoline USTs.

A percentage of each soil sample was placed in a one quart sample jar with an aluminum foil septum separating the lid from the soil. After allowing the sample to sit for a minimum of twenty minutes, to allow soil gases time to equilibrate within the head space of the jar, the samples were scanned with a photoionization detector (PID). The results of the PID survey are presented as Table 1. It should be noted that the PID provides only qualitative measurements of volatile organic compounds. The presence of water vapor can cause the PID to display false readings which may not be indicative of the true concentrations of vapor phase hydrocarbons in the soil.

A percentage of the sampled material was also placed into clean glass jars with Teflon lined lids for laboratory analysis. The soil samples collected from the tank field excavations were sent to Inchcape Testing Services in Richardson, Texas. Soil samples collected from the main tank field (TFA) and the product line excavations were analyzed for benzene, toluene, ethyl benzene, and xylenes (BTEX) concentrations using EPA Method 8020 and total petroleum hydrocarbons (TPH) concentrations using EPA Modified Method 8015. The composite soil disposal sample collected from excavated soils removed from the main tank field was analyzed for BTEX using EPA Method 8020, polychlorinated biphenyls (PCBs) using EPA Method 8080, total organic halogens using EPA Method 9020, TPH using EPA Method 418.1, toxicity characteristic leaching procedure (TCLP) for metals using EPA Method 6010, pH and reactivity using EPA Method 9045, paint filter test using EPA Method 9095, and total solids using EPA Method 160.3. Soil samples collected from the used oil and heating oil UST excavations were analyzed for BTEX concentrations using EPA Method 8020 and TPH concentrations using EPA Method 418.1. The soil samples from the product line excavations were sent to Roche Analytics Laboratory in Richmond, Virginia. The laboratory results of the soil analysis are summarized by Table 2 and a copy of the laboratory report is contained as Appendix B.

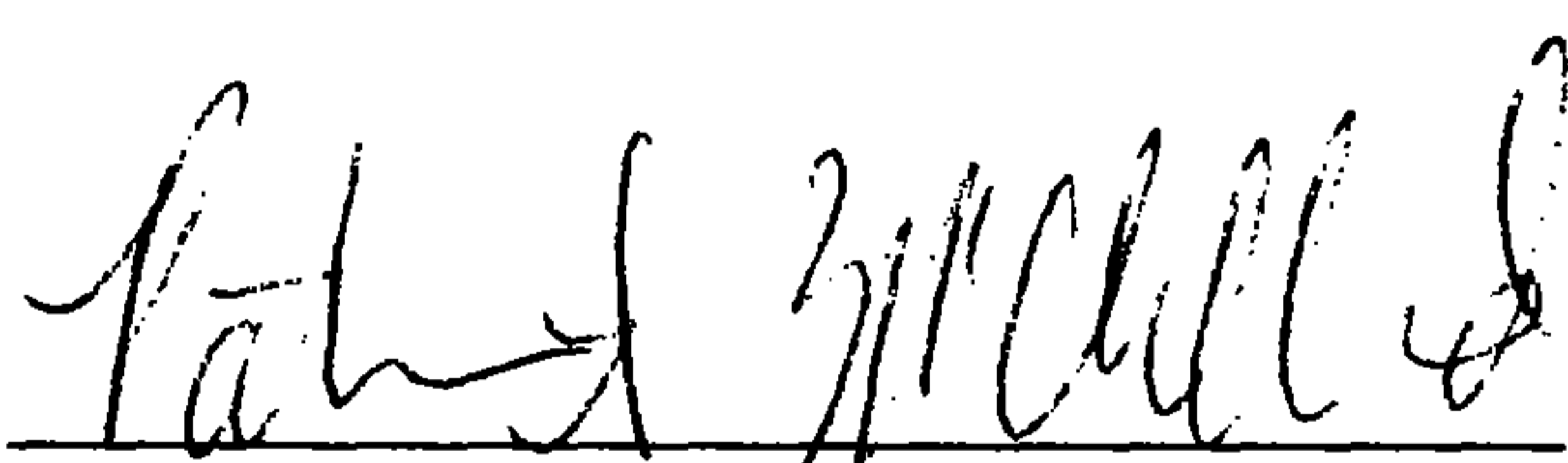
The guidelines for TPH concentrations in soils, as established by the VDEQ is 100 ppm (100,000  $\mu\text{g}/\text{kg}$ ). Soil sample TFA-2 was collected from the eastern wall of the main tank field and had a TPH concentration of 140,000  $\mu\text{g}/\text{kg}$ . All other soil samples collected were below the VDEQ guidelines. TPH concentrations of 12,000  $\mu\text{g}/\text{kg}$ , 340  $\mu\text{g}/\text{kg}$ , and 110  $\mu\text{g}/\text{kg}$  were detected in soil samples TFA-1, TFA-3, and TFA-4. The TPH concentration detected in soil sample TFC-2 was 33,000  $\mu\text{g}/\text{kg}$ . TPH concentrations in soil samples TFB-1, TFB-2, and TFC-1 were below detection limits (<10,000  $\mu\text{g}/\text{kg}$ ). TPH concentrations in the soil samples collected from the product line excavations (PL-1 and PL-2) were below detection limits (<5,000  $\mu\text{g}/\text{kg}$ ).

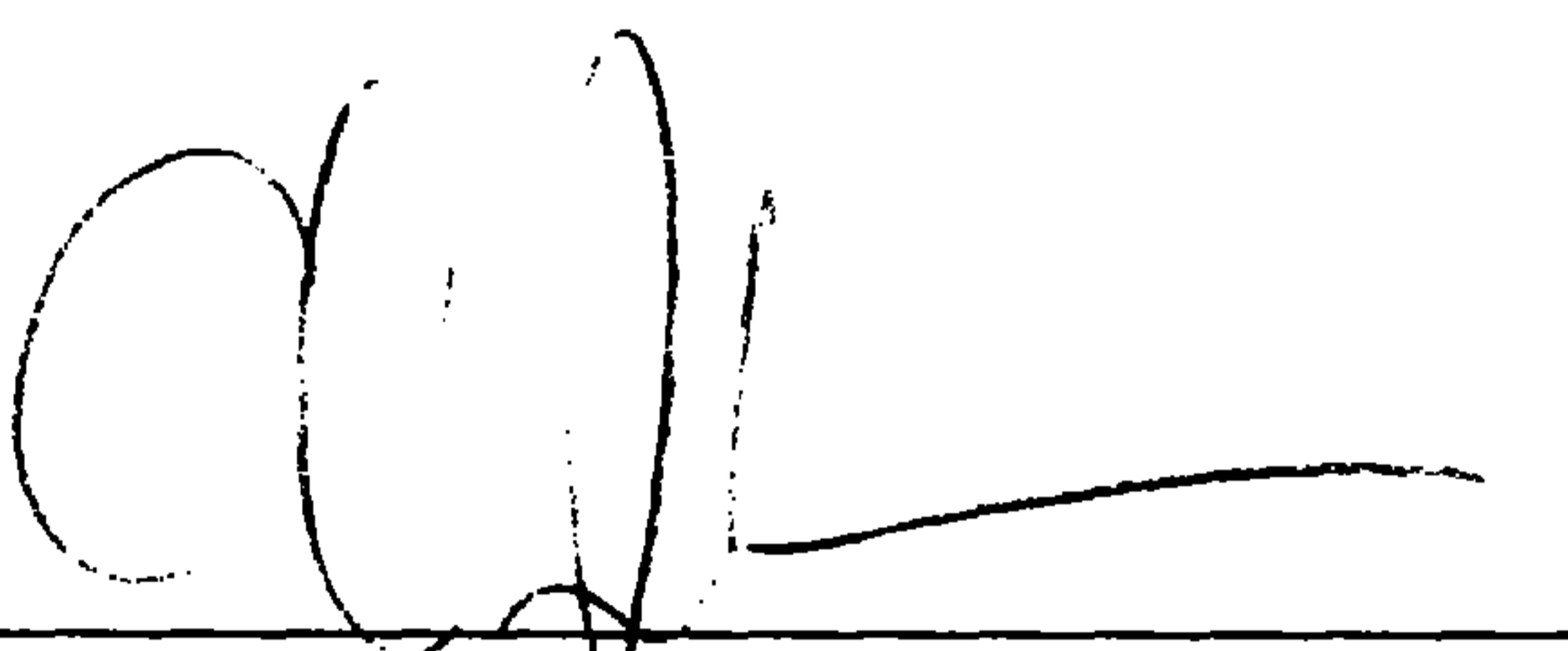


## 6.0 SUMMARY AND CONCLUSIONS

Five USTs were recently removed from the three excavations at Amoco Station #2033 during which time IMS personnel were present to collect soil samples for organic vapor and laboratory analysis. According to McCord personnel, the USTs which formerly stored gasoline appeared in good condition and showed no evidence of failure. IMS personnel inspected the used oil and heating oil USTs and determined that these tanks showed no evidence of failure. No petroleum staining was observed on the walls of the main tank field excavation or on the walls or floors of the used oil and heating oil excavations. No NAPLs were detected in any of the UST excavations.

The staining observed on the floor of the main tank field is potentially attributable to a previous release that is currently under investigation.

Prepared by:   
Patricia A. McClelland  
Geologist

Reviewed by:   
Chris J. Johnson  
Senior Hydrogeologist

## **TABLES**

**TABLE 1**

**RESULTS OF PID SURVEY (ppm)**

<b>Sample ID</b>	<b>PID Reading</b>
TFA-1	297
TFA-2	334
TFA-3	43.9
TFA-4	20.2
TFB-1	49.7
TFB-2	29.4
TFC-1	6.4
TFC-2	1.3
PL-1	0.0
PL-2	291

Samples TFA-1 through TFC-2 were collected on January 6, 1994.  
Samples PL-1 and PL-2 were collected on January 27, 1994.

**TABLE 2****ANALYTICAL RESULTS OF SOIL SAMPLES COLLECTED FOR UST CLOSURE  
( $\mu\text{g}/\text{kg}$ )**

Sample ID	Benzene	Toluene	Ethyl benzene	Total Xylenes	Total BTEX	TPH
TFA-1	<10	270	86	510	866	12000
TFA-2	410	13000	1800	9900	25100	140000
TFA-3	<2	<2	<2	<2	<2	340
TFA-4	<2	<2	<2	<2	<2	110
TFB-1 *	13	<2	<2	<2	13	<10,000
TFB-2 *	5.2	<2	<2	<2	5.2	<10,000
TFC-1 *	<2	<2	<2	<2	<2	<10,000
TFC-2 *	<2	<2	<2	<2	<2	33,000
PL-1	<50	<50	<50	<50	<50	<5,000
PL-2	<50	<50	<50	<50	<50	<5,000

**METHODS:** BTEX analyzed via EPA Method 8020.  
 TPH analyzed via EPA Modified Method 8015.  
 \* TPH analyzed via EPA Method 418.1.

**DETECTION LIMITS:** BTEX 2  $\mu\text{g}/\text{kg}$ , 50  $\mu\text{g}/\text{kg}$   
 TPH 50  $\mu\text{g}/\text{kg}$ , 5,000  $\mu\text{g}/\text{kg}$   
 \* TPH 10,000  $\mu\text{g}/\text{kg}$

Soil samples TFA-1 through TFC-2 collected on January 6, 1994.  
 Soil samples PL-1 and PL-2 collected on January 27, 1994.

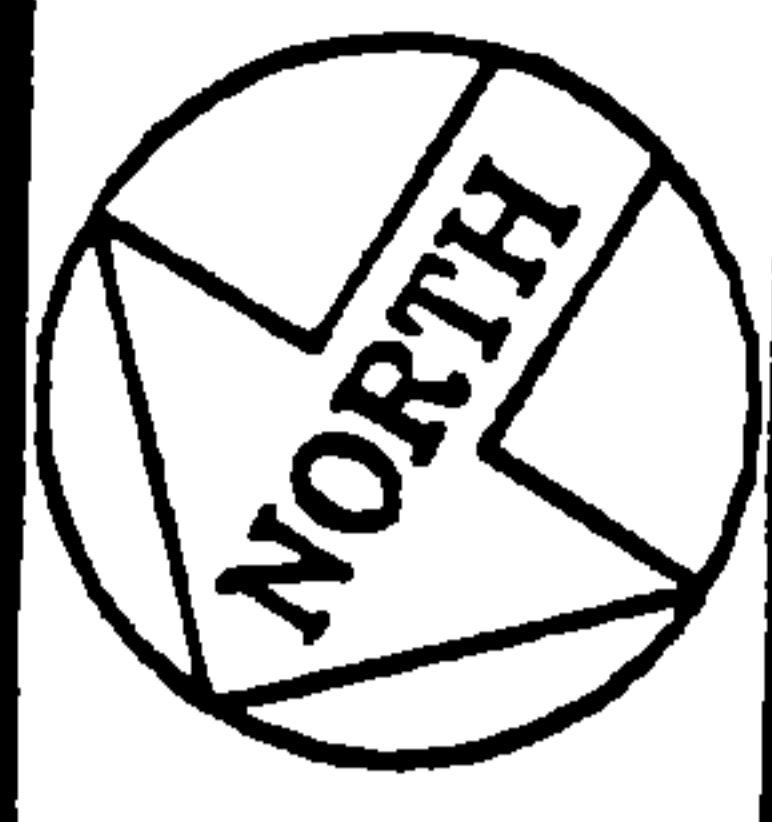
## **FIGURES**

Legend: U1233

Norfolk South, Virginia,  
U.S.G.S. 7.5-minute  
topographic series,  
photorevised 1986.

Site Location:

AMOCO STATION  
2033  
18 DOWNTOWN PLAZA  
NORFOLK, Virginia



IMS ENVIRONMENTAL  
P.O. BOX 1778  
Norfolk, Virginia 23501-1778

Project No: U1233

Prepared By: TAH

Date: February 16, 1984

Approximate Scale:

1 : 24,000

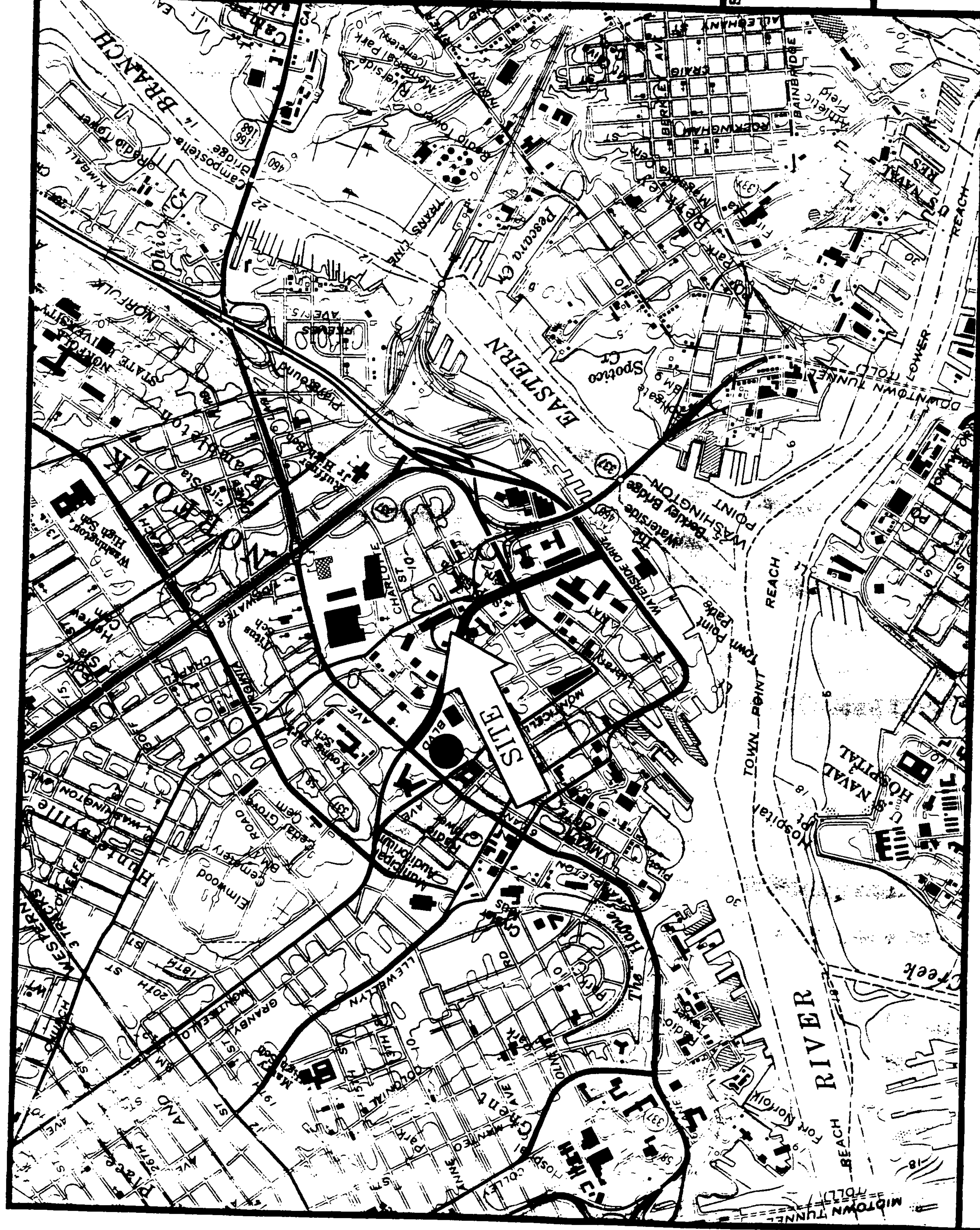
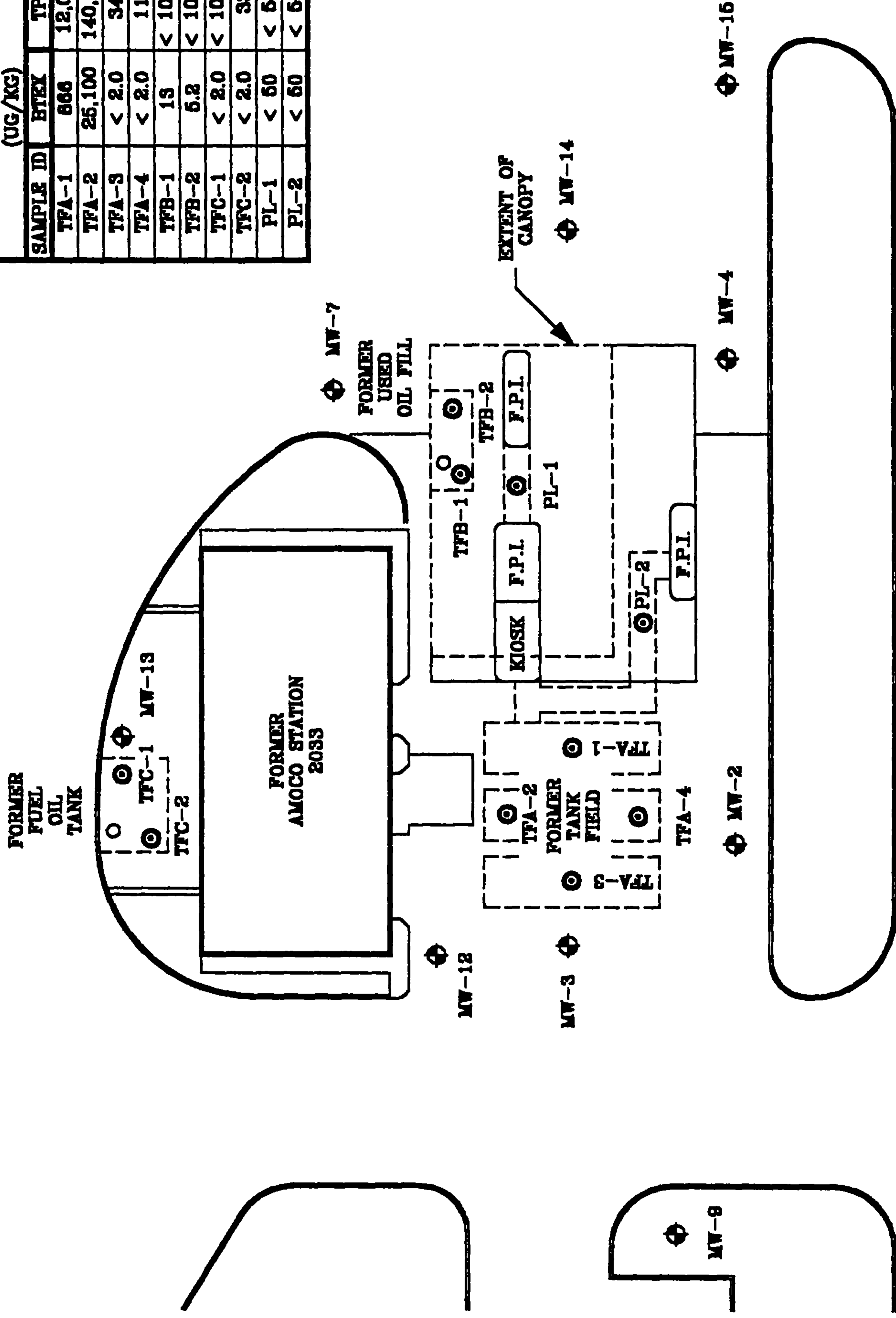


Figure 1: Portion of U.S.G.S. Norfolk South, Virginia  
topographic map illustrating the  
location and topography of the site.

Legend: U1233

- ⊙ Soil Sample
- ⊕ Monitoring Well
- F.P.I. Former Pump Island

BTEX/TPH CONCENTRATIONS (UG/KG)		TPH
SAMPLE ID	BTEX	
TFA-1	866	12,000
TFA-2	25,100	140,000
TFA-3	< 2.0	340
TFA-4	< 2.0	110
TFB-1	13	< 10,000
TFB-2	5.2	< 10,000
TFC-1	< 2.0	< 10,000
TFC-2	< 2.0	33
PL-1	< 50	< 5000
PL-2	< 50	< 5000



Site Location:

AMOCO STATION  
2033  
18 DOWNTOWN PLAZA  
NORFOLK, Virginia



IMS ENVIRONMENTAL  
P.O. BOX 1778  
Norfolk, Virginia 23501-1778

Project No: U1233

Prepared By: TAH

Date: February 15, 1994

Approximate Scale:

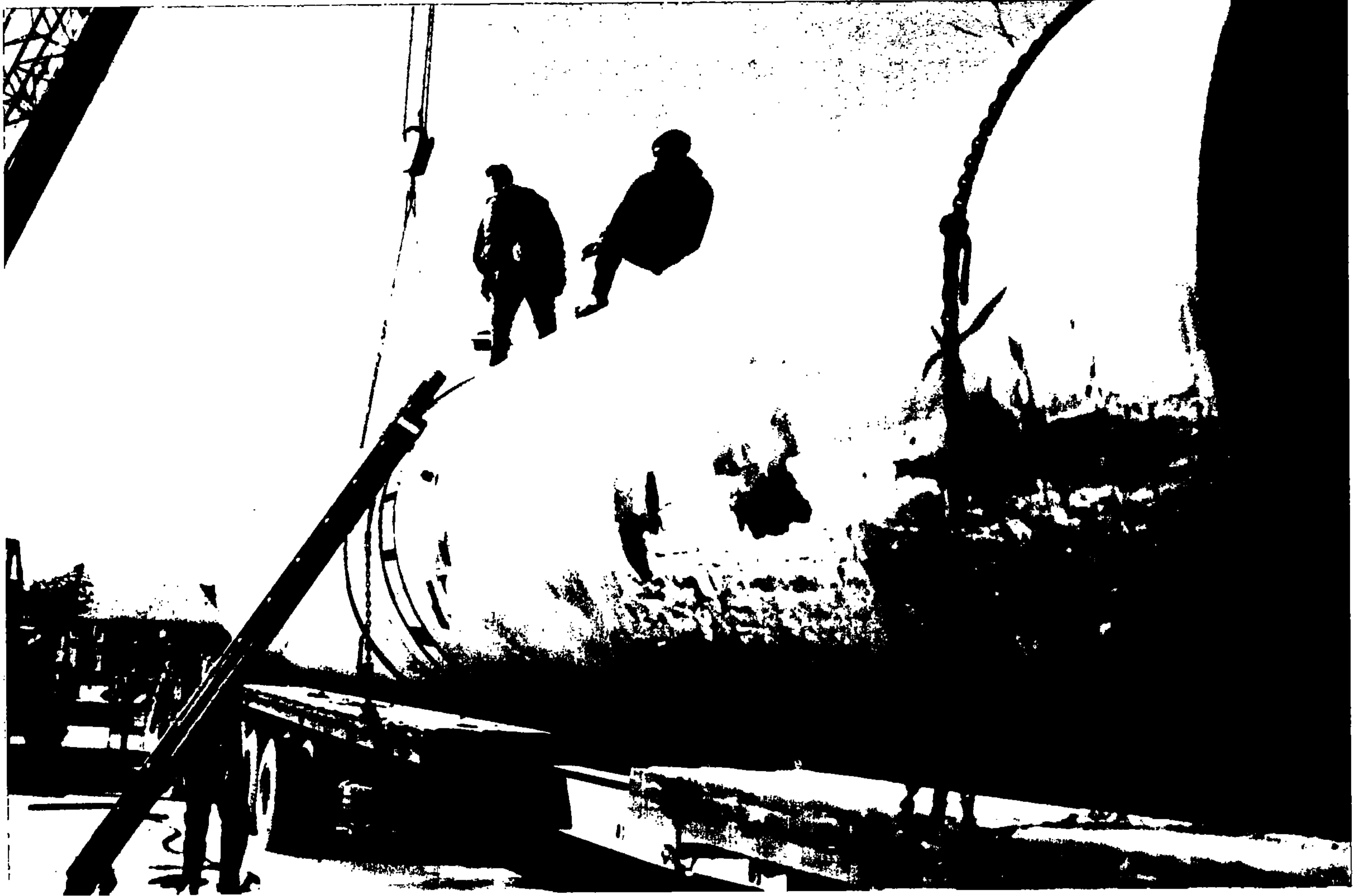


Figure 2: Site map illustrating the location of monitoring wells, former tank field excavations, former pump islands, former product line excavations, soil samples collected for UST closure, and tabulated BTEX/TPH concentrations. Data collected on January 6, 1994 and January 27, 1994.

## **APPENDICES**



**APPENDIX A:**  
**PHOTODOCUMENTATION**



**10,000 gallon gasoline UST removed from tank field A.**



**Photo illustrating tank field A following the removal of the gasoline USTs.**

**Amoco Station #2033, 18 Downtown Plaza, Norfolk, Virginia**



**10,000 gallon gasoline UST removed from tank field A.**



**10,000 gallon gasoline UST removed from tank field A.**

**Amoco Station #2033, 18 Downtown Plaza, Norfolk, Virginia**

# Roche Analytics Laboratory



a division of Roche Biomedical Laboratories, Inc.

P.O. BOX 25249  
RICHMOND, VA. 23260

## ANALYSIS REPORT

ANALYTICS NO: 032-0040  
ACCOUNT NO: 45409880  
DATE: February 4, 1994

S Matney  
IMS Environmental  
929 Professional Place  
Chesapeake, VA 23320

U-1233

SAMPLE TYPE: 2 Soil Samples For Environmental Analysis

DATE RECEIVED: 02/01/94

METHODS USED: BTEX - SW846, Method 5030/8020  
TPH (gasoline) - SW-846 Method 5030/8015M

REMARKS: mg/kg = milligrams per kilogram  
TPH = Total Petroleum Hydrocarbons  
Project Name: Downtown AMOCO Job # U1233  
PO# 4903C

<u>Sample #</u>	<u>Analytcs#</u>	<u>Analyte</u>	<u>Results</u>
2033 (PL-1)	0325310040-001	TPH	< 5.0 mg/kg
		Benzene	< 0.05 mg/kg
		Toluene	< 0.05 mg/kg
		Ethyl Benzene	< 0.05 mg/kg
		Xylene	< 0.05 mg/kg
2033 (PL-2)	0325310040-002	TPH	< 5.0 mg/kg
		Benzene	< 0.05 mg/kg
		Toluene	< 0.05 mg/kg
		Ethyl Benzene	< 0.05 mg/kg
		Xylene	< 0.05 mg/kg

*Sue E. Galpin, CIH for*  
James A. Calpin, CIH  
Laboratory Director

F:03240

ACCOUNT NAME AND ADDRESS:

**Roche Analytics Laboratory**  
 a division of Roche Biomedical Laboratories, Inc.  
 5040 VILLA PARK DRIVE SUITE 250  
 RICHMOND, VIRGINIA 23228  
 (804) 264-7100  
 TOLL FREE (800) 888-6067

ACCOUNT NUMBER

14133

DATE SHIPPED: 1/31/94 # OF SAMPLES: 2 PROJECT NAME OR NUMBER: Down Town AMOCO

PURCHASE ORDER NO.: CONTACT: S. NATHAN Telephone Number: 804-436-3000 PH 804-436-5266

SPECIAL INSTRUCTIONS: SAMPLER: P. McClelland (Must be in Richmond 2/1) Release -> Signature: P. McClelland

PHONE & FAX RESULTS:  PHONE  FAX

RETURN SAMPLE  
 DISPOSE OF SAMPLE (EXTRA CHARGE)

EXPLANATION OF PRESERVATIVE *		Number of Containers	ANALYSIS REQUESTED										MATRIX		
4°C - Volatile (Water)			(Enter an "X" in the box below to indicate request; Enter a "P" if Preservative added.)												
Soil SAMPLES			TPH GC (2000/25) BTEX (PCDD)												
DATE RESULTS REQUESTED: 2/17/94	RUSH CHARGES AUTHORIZED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO														
DATE	SAMPLE IDENTIFICATION														
1/27/94	AMOCO - 2033 (PL-1)	1	X	X											Soil / TIME 1630
1/27/94	AMOCO - 2033 (PL-2)	1	X	X											Soil / TIME 1040

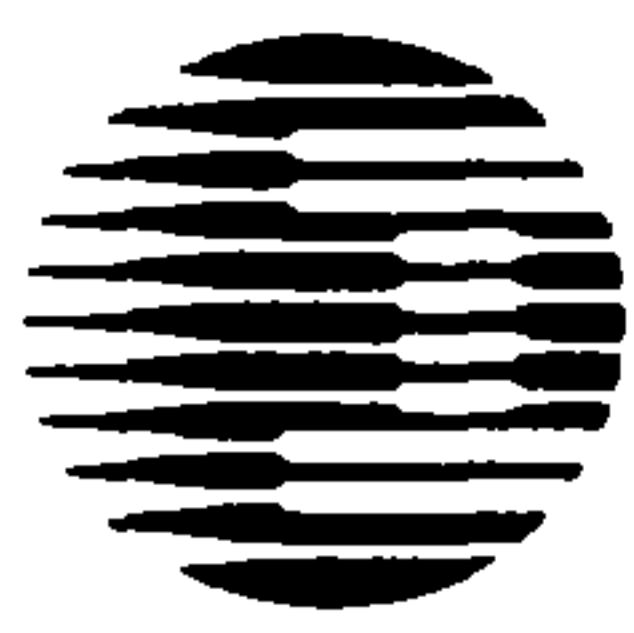
# CHAIN OF CUSTODY RECORD

SAMPLES HAVE BEEN SEALED FOR TRANSPORT AND DELIVERED TO LABORATORY VIA: Roche Courier

CARRIER: Roche IF ROCHE/COURIER: SIGN HERE: *[Signature]* SIGN HERE TO INITIATE CHAIN OF CUSTODY: *[Signature]* DATE: 1/31/94

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
1/31/94	4°C @ SW	SIGNATURE (SAMPLE RECEIVING): <i>[Signature]</i>	SIGNATURE (SAMPLE RECEIVING): <i>[Signature]</i>
1/31/94	4°C @ SW	SIGNATURE (SAMPLE ADMINISTRATION): <i>[Signature]</i>	SIGNATURE (SAMPLE ADMINISTRATION): <i>[Signature]</i> Relinquishing
1/31/94	4°C @ SW	SIGNATURE (LAB) Dev.:	SIGNATURE (LAB)
		SIGNATURE (LAB)	SIGNATURE (LAB)

PLEASE RETAIN PART 3 FOR YOUR RECORDS.



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

### SUMMARY REPORT

CLIENT : IMS Environmental  
PROJECT : U-1233 Norfolk, VA

JOB NUMBER : D94-184  
REPORT DATE : 14-JAN-1994

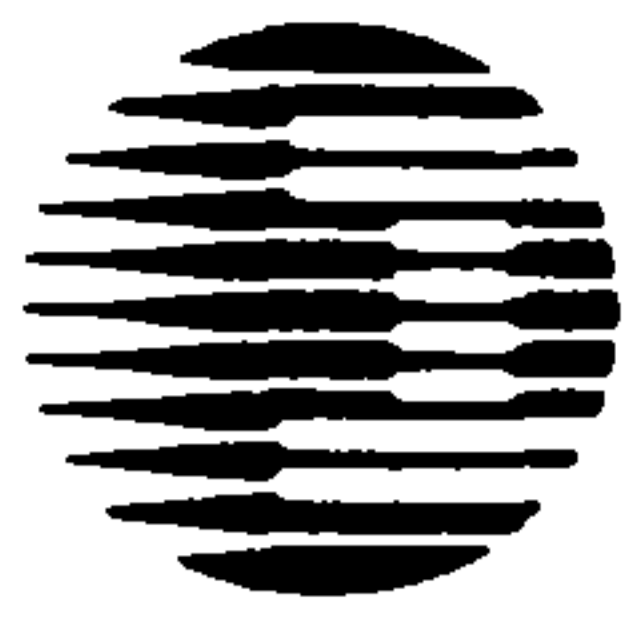
SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	TFA-1 Amoco SS# 2033	Soil	6-JAN-1994
2	TFA-2 Amoco SS# 2033	Soil	6-JAN-1994
3	TFA-3 Amoco SS# 2033	Soil	6-JAN-1994
4	TFA-4 Amoco SS# 2033	Soil	6-JAN-1994

BTEX ANALYSIS, EPA 8020		1	2	3	4
Benzene	µg/Kg	< 10.0	410	< 2.0	< 2.0
Toluene	µg/Kg	270	13000	< 2.0	< 2.0
Ethyl benzene	µg/Kg	86.0	1800	< 2.0	< 2.0
Xylenes	µg/Kg	510	9900	< 2.0	< 2.0
BTEX (total)	µg/Kg	866	25100	< 2.0	< 2.0

TOTAL PETROLEUM HYDROCARBONS BY GC (VOLATILE EPA 5030/8015M)		1	2	3	4
Total Petroleum Hydrocarbon	µg/Kg	12000	140000	340	110

MISCELLANEOUS ANALYSES		1	2	3	4
Total Solids	%	92.0	89.9	85.0	96.8

*Martin Jeffers dm*



# Inchcape Testing Services

## NDRC Laboratories

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Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

### SUMMARY REPORT

CLIENT : IMS Environmental  
PROJECT : U-1233 Norfolk, VA

JOB NUMBER : D94-184  
REPORT DATE : 14-JAN-1994

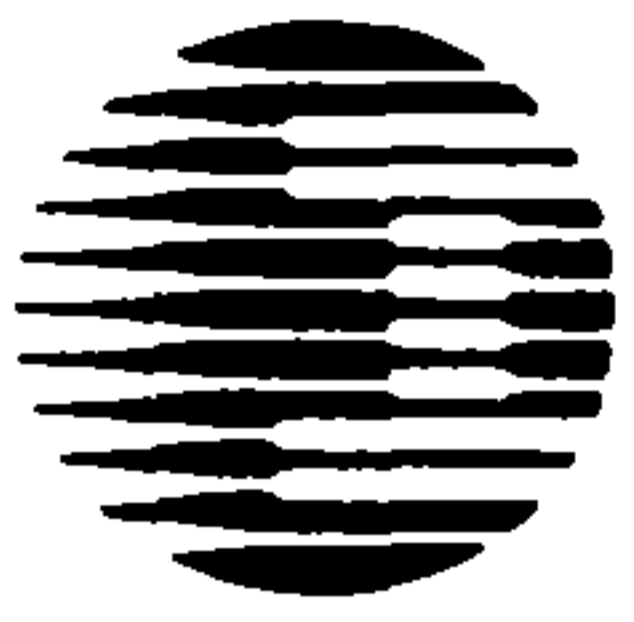
SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	TFB-1 Amoco SS# 2033	Soil	6-JAN-1994
6	TFB-2 Amoco SS# 2033	Soil	6-JAN-1994
7	TFC-1 Amoco SS# 2033	Soil	6-JAN-1994
8	TFC-2 Amoco SS# 2033	Soil	6-JAN-1994

BTEX ANALYSIS, EPA 8020		5	6	7	8
Benzene	µg/Kg	13.0	5.2	< 2.0	< 2.0
Toluene	µg/Kg	< 2.0	< 2.0	< 2.0	< 2.0
Ethyl benzene	µg/Kg	< 2.0	< 2.0	< 2.0	< 2.0
Xylenes	µg/Kg	< 2.0	< 2.0	< 2.0	< 2.0
BTEX (total)	µg/Kg	13.0	5.2	< 2.0	< 2.0

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS, EPA 418.1		5	6	7	8
Total Petroleum Hydrocarbon	mg/Kg	< 10	< 10	< 10	33

MISCELLANEOUS ANALYSES		5	6	7	8
Total Solids	%	93.0	96.4	87.2	95.2

*Martin Jeffers dm*



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

### SUMMARY REPORT

CLIENT : IMS Environmental  
PROJECT : U-1233 Norfolk, VA

JOB NUMBER : D94-184  
REPORT DATE : 14-JAN-1994

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	Disp-1 Amoco SS# 2033	Soil	6-JAN-1994

BTEX ANALYSIS, EPA 8020		9			
Benzene	µg/Kg	2.1			
Toluene	µg/Kg	3.1			
Ethyl benzene	µg/Kg	< 2.0			
Xylenes	µg/Kg	170			
BTEX (total)	µg/Kg	175			

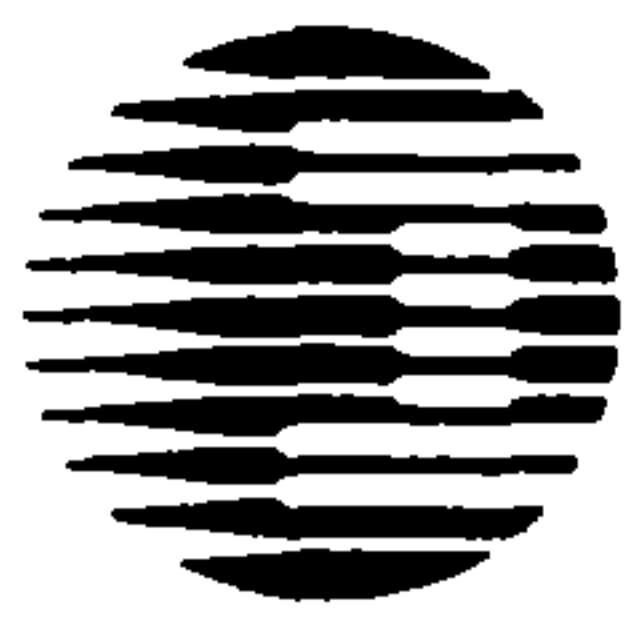
POLYCHLORINATED BIPHENYLS, EPA 8080		9			
Aroclor 1016	mg/Kg	< 0.1			
Aroclor 1221	mg/Kg	< 0.1			
Aroclor 1232	mg/Kg	< 0.1			
Aroclor 1242	mg/Kg	< 0.1			
Aroclor 1248	mg/Kg	< 0.1			
Aroclor 1254	mg/Kg	< 0.1			
Aroclor 1260	mg/Kg	< 0.1			

TOTAL ORGANIC HALOGENS, EPA 9020 MOD.		9			
Total Organic Halogen	mg/Kg	< 10			

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS, EPA 418.1		9			
Total Petroleum Hydrocarbon	mg/Kg	25			

*Martin Jeffers dm*





# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

### SUMMARY REPORT

CLIENT : IMS Environmental  
PROJECT : U-1233 Norfolk, VA

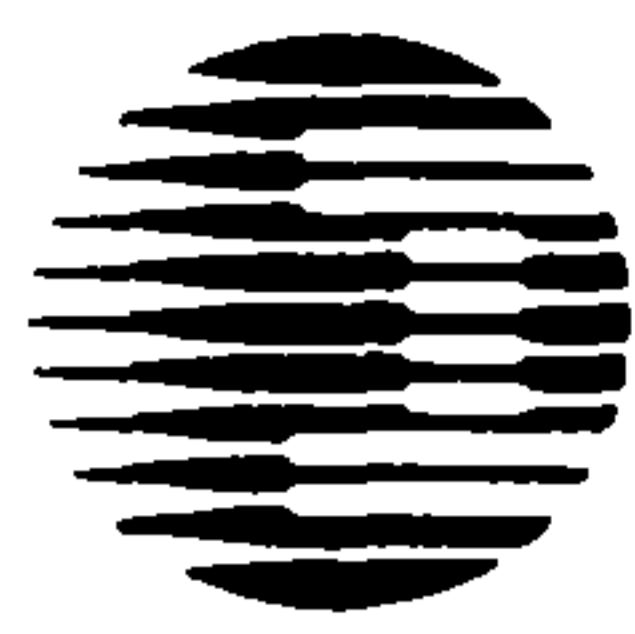
JOB NUMBER : D94-184  
REPORT DATE : 14-JAN-1994

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	Disp-1 Amoco SS# 2033	Soil	6-JAN-1994

TCLP METALS		9			
Arsenic	mg/L	<	1.0		
Barium	mg/L		0.6		
Cadmium	mg/L	<	0.005		
Chromium	mg/L	<	0.07		
Lead	mg/L	<	0.05		
Mercury	mg/L	<	0.001		
Selenium	mg/L	<	1.0		
Silver	mg/L	<	0.01		

MISCELLANEOUS ANALYSES		9			
Corrosivity( pH )			Non-corrosive		
Cyanide, Reactive	mg/Kg	<	0.10		
Paint Filter Test			Pass		
Reactivity			Non-reactive		
Sulfide, Reactive	mg/Kg	<	10.0		
Total Solids	%		93.7		
pH			8.5		

*Martin Jeffers dm*



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-258-5591  
Fax. 214-258-5592

DATE RECEIVED: 8-JAN-1994

REPORT NUMBER: D94-184

REPORT DATE: 14-JAN-1994

SUBMITTED BY: IMS Environmental

### LABORATORY QUALITY CONTROL REPORT

ANALYTE	Silver	Arsenic	Barium	Cadmium	Chromium	Lead
BATCH No.	6903	6903	6903	6903	6903	6903
LCS LOT No.	3-11-1	3-11-1	3-11-1	3-11-1	3-11-1	3-11-1
PREP METHOD	EPA 1311/3015	EPA 1311/3015	EPA 1311/3015	EPA 1311/3015	EPA 1311/3015	EPA 1311/3015
PREP DATE	1/11/94	1/11/94	1/11/94	1/11/94	1/11/94	1/11/94
PREP TECHNICIAN	CEL	CEL	CEL	CEL	CEL	CEL
ANALYSIS METHOD	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
ANALYSIS DATE	1/13/94	1/12/94	1/13/94	1/13/94	1/13/94	1/13/94
ANALYST	SKW	SKW	SKW	SKW	SKW	SKW
METHOD BLANK	< 0.01 mg/L	< 1.00 mg/L	< 0.50 mg/L	< 0.005 mg/L	< 0.07 mg/L	< 0.05 mg/L
MS % RECOVERY	83.0	95.4	100	90.6	117	92.7
MSD % RECOVERY	81.0	105	98.0	88.0	97.9	86.8
LCS % RECOVERY	82.0	86.8	118	89.2	97.9	90.4
DUPLICATE RPD	NC	NC	NC	NC	NC	NC
MS/MSD RPD	2.44	9.90	2.02	2.91	17.8	6.57
SPIKE LEVEL	0.10 mg/L	1.00 mg/L	1.00 mg/L	1.00 mg/L	1.00 mg/L	1.00 mg/L
SPIKED SAMPLE ID No.	D94-184-9	D94-184-9	D94-184-9	D94-184-9	D94-184-9	D94-184-9
DUPLICATE SAMPLE ID No.	D94-184-9	D94-184-9	D94-184-9	D94-184-9	D94-184-9	D94-184-9

----: Not Applicable  
NC: Not Calculable

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
RPD: Relative Percent Difference

COMMENTS:



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-258-5591  
Fax. 214-258-5592

DATE RECEIVED: 8-JAN-1994

REPORT NUMBER: D94-184

Page 2 of 4

SUBMITTED BY: IMS Environmental

### LABORATORY QUALITY CONTROL REPORT

ANALYTE	Selenium	Mercury	PCB	Benzene	Ethyl Benzene	TPH
BATCH No.	6903	6905	051	27-011094	27-011094	28-011094
LCS LOT No.	3-11-1	3-13-1	2-84	091493A	091493A	091493A
PREP METHOD	EPA 1311/3015	EPA 7470	EPA 3550	EPA 5030	EPA 5030	EPA 5030
PREP DATE	1/11/94	1/11/94	12/27/93	1/10/94	1/10/94	1/10/94
PREP TECHNICIAN	CEL	MPE	YC	PSS	PSS	PSS
ANALYSIS METHOD	EPA 6010	EPA 7470	EPA 8080	EPA 8020	EPA 8020	EPA 8015
ANALYSIS DATE	1/12/94	1/13/94	12/28/93	1/10/94	1/10/94	1/10/94
ANALYST	AH	RJS	KPK	PSS	PSS	PSS
METHOD BLANK	< 1.00 mg/L	< 0.001 mg/L	< 0.1 mg/Kg	< 2.0 µg/Kg	< 2.0 µg/Kg	< 50.0 µg/Kg
MS % RECOVERY	109	107	87.7	80.6	81.9	87.2
MSD % RECOVERY	113	109	88.9	82.8	83.2	90.2
LCS % RECOVERY	115	102	123	89.2	92.9	94.6
DUPLICATE RPD	NC	NC	----	----	----	----
MS/MSD RPD	3.60	1.85	1.36	2.69	1.57	3.38
SPIKE LEVEL	1.00 mg/L	0.01 mg/L	0.333 mg/Kg	50.0 µg/Kg	50.0 µg/Kg	500 µg/Kg
SPIKED SAMPLE ID No.	D94-184-9	D94-69-8	D93-14574-11	D94-160-3	D94-160-3	D94-160-3
DUPLICATE SAMPLE ID No.	D94-184-9	D94-69-8	----	----	----	----

----: Not Applicable  
NC: Not Calculable

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
RPD: Relative Percent Difference

COMMENTS:



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED: 8-JAN-1994

REPORT NUMBER: D94-184

Page 3 of 4

SUBMITTED BY: IMS Environmental

### LABORATORY QUALITY CONTROL REPORT

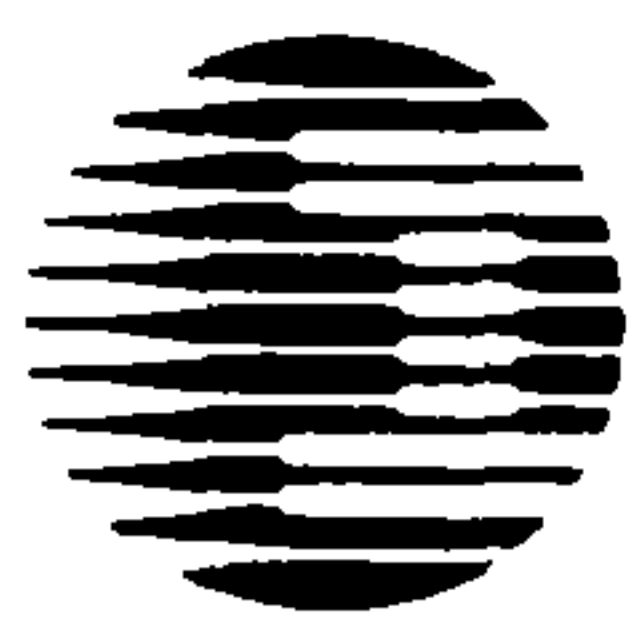
ANALYTE	Benzene	Ethyl Benzene	TPH	TPH	TOX
BATCH No.	27-011194	27-011194	28-011194	S24-42	032
LCS LOT No.	091493	091493	091493	102993	KZ01808EZ
PREP METHOD	EPA 5030	EPA 5030	EPA 5030	EPA 3550	EPA 3550
PREP DATE	1/11/94	1/11/94	1/11/94	1/10/94	1/11/94
PREP TECHNICIAN	PSS	PSS	PSS	CDR	JSL
ANALYSIS METHOD	EPA 8020	EPA 8020	EPA 8015	EPA 418.1	EPA 9020
ANALYSIS DATE	1/11/94	1/11/94	1/11/94	1/10/94	1/11/94
ANALYST	PSS	PSS	PSS	MTR	JSL
METHOD BLANK	< 2.0 µg/Kg	< 2.0 µg/Kg	< 50.0 µg/Kg	< 10.0 mg/Kg	< 10.0 mg/Kg
MS % RECOVERY	84.9	84.6	75.4	96.0	116
MSD % RECOVERY	77.8	78.4	77.6	100	112
LCS % RECOVERY	82.6	85.7	79.2	97.0	102
DUPLICATE RPD	----	----	----	----	----
MS/MSD RPD	8.72	7.61	2.88	4.08	3.51
SPIKE LEVEL	50.0 µg/Kg	50.0 µg/Kg	500 µg/Kg	100 mg/Kg	200 mg/Kg
SPIKED SAMPLE ID No.	D94-184-8	D94-184-8	D94-184-8	D94-123-7	D94-184-9
DUPLICATE SAMPLE ID No.	----	----	----	----	----

----: Not Applicable  
NC: Not Calculable

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
RPD: Relative Percent Difference

COMMENTS :



# Inchcape Testing Services

## NDRC Laboratories

1089 E. Collins Blvd.  
Richardson, TX 75081  
Tel. 214-238-5591  
Fax. 214-238-5592

DATE RECEIVED: 8-JAN-1994

REPORT NUMBER: D94-184

Page 4 of 4

SUBMITTED BY: IMS Environmental

### LABORATORY QUALITY CONTROL REPORT

ANALYTE	Total Solids	Reactive Cyanide	Paint Filter Test	pH	Reactive Sulfide
BATCH No.	94613D	77572A	77227D	9097C	77325A
LCS LOT No.	----	----	----	9953	----
PREP METHOD	----	----	----	----	----
PREP DATE	----	----	----	----	----
PREP TECHNICIAN	----	----	----	----	----
ANALYSIS METHOD	EPA 160.3	EPA 9010	EPA 9095	EPA 9045	EPA 9045
ANALYSIS DATE	1/11/94	1/11/94	1/11/94	1/11/94	1/11/94
ANALYST	JAM	LMM	JCH	NJK	LMM
METHOD BLANK	----	< 0.01 mg/Kg	----	----	< 0.1 mg/Kg
MS % RECOVERY	----	34.4	-----	----	100
MSD % RECOVERY	----	38.0	----	----	97.6
LCS % RECOVERY	----	----	----	100	----
DUPLICATE RPD	0.82	NC	NC	0.00	NC
MS/MSD RPD	----	9.94	----	----	2:43
SPIKE LEVEL	----	0.2 mg/Kg	----	----	820 mg/Kg
SPIKED SAMPLE ID No.	----	D94-205-4	----	----	D94-205-4
DUPLICATE SAMPLE ID No.	D94-136-1	D94-205-4	D94-205-4	D94-156-1	D94-205-4

----: Not Applicable  
NC: Not Calculable

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample  
RPD: Relative Percent Difference

COMMENTS:

Amoco Project!  
 [Redacted]  
 5

# CHAIN OF CUSTODY RECORD

**Inchcape Testing Services**  
 NDRC Laboratories

1089 East Collins Blvd, Richardson, Texas 75081 (214) 238-5591 (Voice), (214) 238-5592 (Fax)  
 Attn: Belinda Feuerbacher, Project Director

**ORIGINAL**

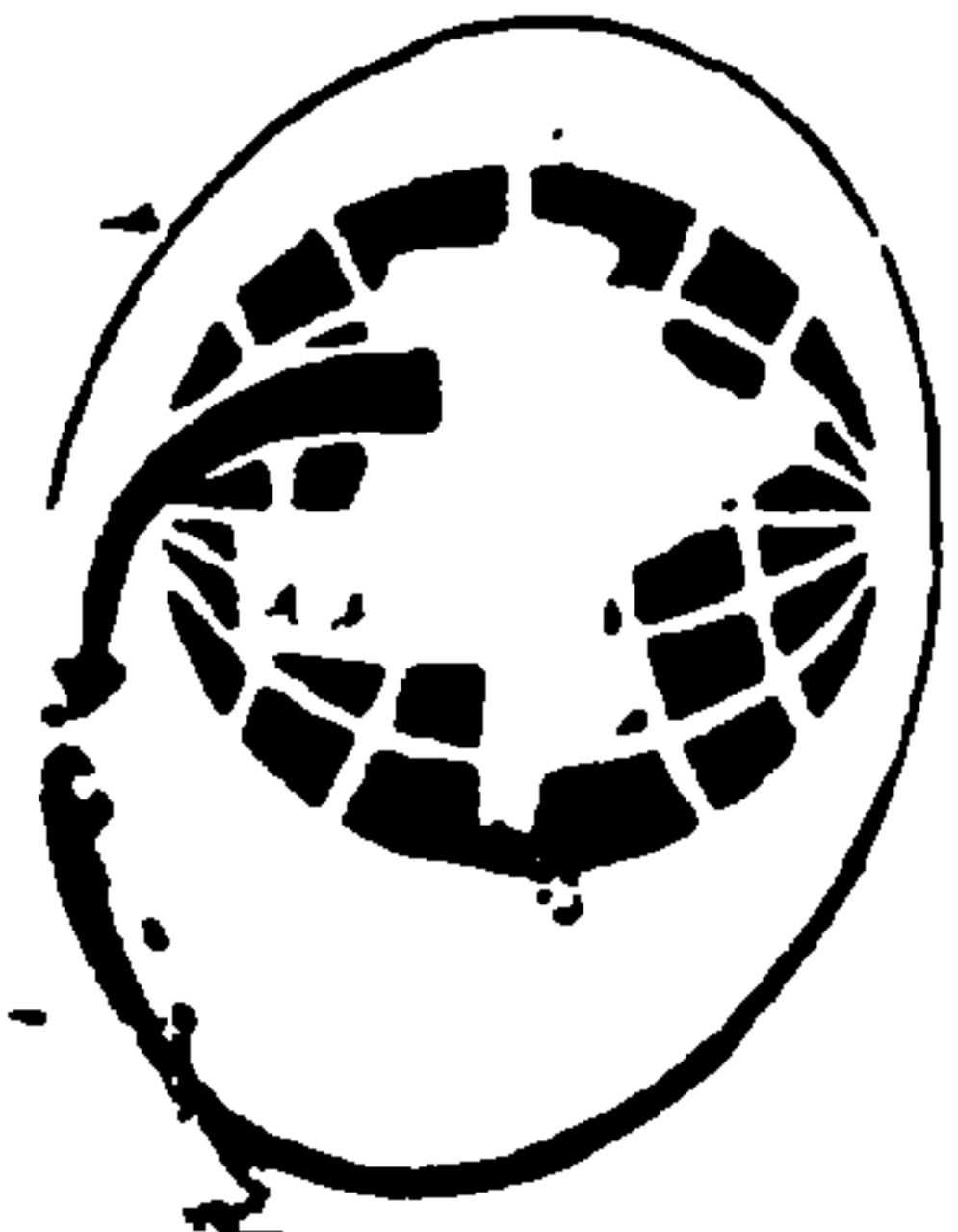
Consultant's Name: **IMS ENVIRONMENTAL**  
 Address: **1301 MARSH ST P.O. Box 1779 DOWNTOWN AMOCO**  
 Project: **AMOCO**  
 Project Contact: **S. MAHONEY**  
 Alternate Contact: **P. McCLELLAND**  
 [Redacted] Contact: **TED GARTY**  
 Sampled by (print): **P. McCLELLAND**  
 Shipment Method: **Overnight Air**  
 Shipment Date: **1/7/94**  
 Consultant Proj #: **U-1233**  
 Phone: **804-436-3000** Fax: **804-436-5266**  
 Phone: **844-436-3000** Fax: **804-436-5266**  
 Phone: **410-494-3888** Fax: **410-494-3737**  
 Sampler's Signature: *[Signature]*  
 Consultant-Work-Release #: **56# 2033**  
 Laboratory-Work-Release #: **Facility ID: 21899008**  
 Site Location: **Norfolk, VA**  
 RAS #: **02002**

SAMPLE ID	DATE	TIME	MATRIX WATER/SOIL	PRSV	SAMPLE LOCATION/DESCRIPTION	ANALYSIS REQUIRED		Sample Condition as Received	COMMENTS
						Number of Containers	Number of Containers		
TFA-1	1/6/94	1330	Soil	4°C	AMOCO-2033	2	2	Temperature: 2°C Cooler #: EX1030 Inbound Sealed: Yes Outbound Sealed: Yes	
TFA-2	1/6/94	1335	Soil	4°C	AMOCO-2033	2	2		184 - 1
TFA-3	1/6/94	1340	Soil	4°C	AMOCO-2033	2	2		2 ALL ELSE → Due 1/18/94
TFA-4	1/6/94	1345	Soil	4°C	AMOCO-2033	2	2		3
TFB-1	1/6/94	1500	Soil	4°C	AMOCO-2033	2	2		4 BTEX → Due 1/11/94!
TFB-2	1/6/94	1510	Soil	4°C	AMOCO-2033	2	2		5
TFE-1	1/6/94	1435	Soil	4°C	AMOCO-2033	2	2		6 2,2,5,0,2,0,1,0,1,0 Soil
TFE-2	1/6/94	1440	Soil	4°C	AMOCO-2033	2	2		7 Soil
PL-1	1/7/94		Soil	4°C	AMOCO-2033	2	2		8
PL-2	1/7/94		Soil	4°C	AMOCO-2033	2	2		Cont.

Turn around time:  24 hr,  48 hr,  72 hr,  Standard,  Other

Total # of Containers: \_\_\_\_\_

(1) Relinquished by Signature	Date	(2) Relinquished by Signature	Date	(3) Relinquished by Signature	Date
<i>[Signature]</i>	1/7/94				
Company: <b>IMS ENVIRONMENTAL</b>	Time: <b>16/5</b>	Company:	Time:	Company:	Time:
(1) Received by Signature	Date	(2) Received by Signature	Date	(3) Received by Signature	Date
<i>[Signature]</i>	1/8/94				
Company: <b>ITS/NDRC</b>	Time: <b>1130</b>	Company:	Time:	Company:	Time:



# CHAIN OF CUSTODY RECORD



Site 2012

NDRC Laboratories, Inc. 1089 East Collins Blvd, Richardson, Texas 75081 (214) 238-5591 (Voice), (214) 238-5592 (Fax)

Consultant's Name: AMCO ENVIRONMENTAL

Address: 1701 MARSH ST PO BOX 1771 Norfolk, VA

Project: QUANTUM AMCO SS #: 2033

Project Contact: S MATHY Facility ID: 21099005

Alternate Contact: P McCLANAHAN Site Location: Norfolk, VA

AMOCO Contact: TOP GARY AMOCO RASD Code #: QX1A

Sampled by (print): P McCLANAHAN

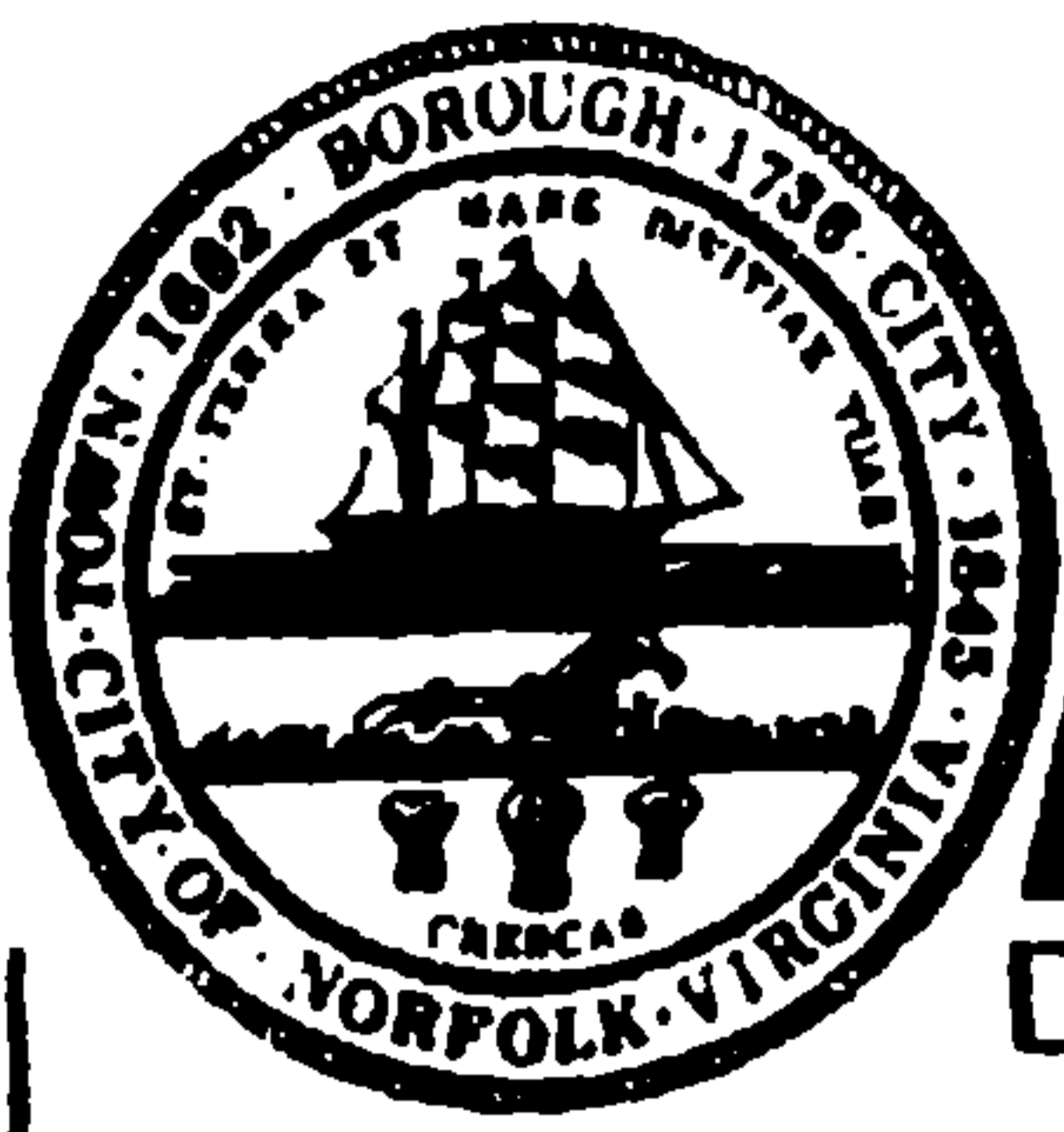
SAMPLE ID	DATE	TIME	MATRIX WATER/SOIL	SAMPLE LOCATION/ DESCRIPTION	ANALYSIS REQUIRED						Sample Condition as Received					
					Number of Containers											
					8020/602 BTEX (1-2)	8020/602 METALS BTEX (1-2)	8240 PCBs (1-10)	61007 610 TOX (1-10)	TRPM 400-4000 (1-10)	OTHER (1-10)	8020/602 BTEX 24-hr TAT	Chilled	Sealed	As	No	
P1-3	1/14/14		soil	AMCO 2033	Y		Y									
P1-4	1/14/14		soil	AMCO 2033	Y		Y									
Disp 1	1/14/14	1:55	soil	AMCO 2033	3		Y									
Total # of Containers:																

COMMENTS:

(1) Relinquished by Signature: <u>[Signature]</u>	Date: <u>1/14/14</u>	(2) Relinquished by Signature	Date	(3) Relinquished by Signature	Date
Company: <u>AMCO ENVIRONMENTAL</u>	Time: <u>1:55</u>	Company:	Time:	Company:	Time:
(1) Received by Signature	Date	(2) Received by Signature	Date	(3) Received by Signature	Date
Company:	Time:	Company:	Time:	Company:	Time:

**APPENDIX C:**  
**FIRE PERMIT, CITY OF NORFOLK**





# City of Norfolk

Department of Fire and Paramedical Services

## FIRE PERMIT FOR REMOVAL OR FILLING OF UNDERGROUND TANKS

Location: 18 Downtown Plaza

Date: December 26, 1993

Pursuant to section F-2800.2.1 of the Norfolk Fire Prevention Code permissions is hereby granted to

McCord Construction Corp.

to remove underground flammable and combustible liquid tanks. The removal of said tanks shall be done in a workmanlike manner with due regard for public safety.

In addition to the requirements of the Norfolk Fire Prevention Code, all applicable city, state and federal laws shall be followed.

- 3 - 10,000 Gallon Gasoline Tanks
- 1 - 550 Gallon Furance Oil Tank
- 1 - 550 Gallon Waste Oil Tank

*Carl H. Welch*

Fire Marshal

**Fire Inspector is to be notified when tanks are being removed or filled.**

\*In order for the tank to be filled, it must be closer than 10 feet to the building foundation.

Bureau of Fire Prevention  
540 East City Hall Avenue / Norfolk, Virginia 23510 / (804) 441-2481



*SAK - T.P. - T.M.*

# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

Peter W. Schmidt  
Director

AUG. 11 1994

Water Regional Office  
287 Pembroke Office Park  
Pembroke 2, Suite 310  
Virginia Beach, Virginia 23462  
(804) 552-1840  
FAX (804) 552-1849

Larry S. McBride  
Regional Director

Ted Garty  
Remediation Services Department  
Amoco Oil Company  
1 West Pennsylvania Avenue, Suite 415  
Towson, Maryland 21204-5031

Re: Underground Storage Tank (UST) release report for (Downtown)  
Amoco, 18 Downtown Plaza, Norfolk, Virginia. DEQ PC# 86-0715

Dear Mr. Garty:

Thank you for providing the Site Characterization and UST Closure Reports for the above referenced location. Based on these assessments and current site conditions, no further assessment or remediation activity is required at this site. However, if petroleum contamination is identified in the future, further assessment or cleanup activity may be required. Additionally, any monitoring wells not in use at this site, should be removed from service in accordance with current State regulations for well abandonment.

If you have any questions concerning this case, please contact me at (804) 552-1152.

Sincerely,

A handwritten signature in cursive script, appearing to read "T. E. Madigan".

T. E. Madigan  
Environmental Specialist Senior  
Ground Water Section

cc: DEQ-Water Div. TRO-OE ref. PC# 86-0715



TE

MAILING ADDRESS: P.O. BOX 1779/NORFOLK, VA 23501-1779  
SHIPPING ADDRESS: 929 PROFESSIONAL PLACE/CHESAPEAKE, VA 23320-3618  
TELEPHONE: (24 HOURS) 804/436-3000  
FAX: 804/436-5266

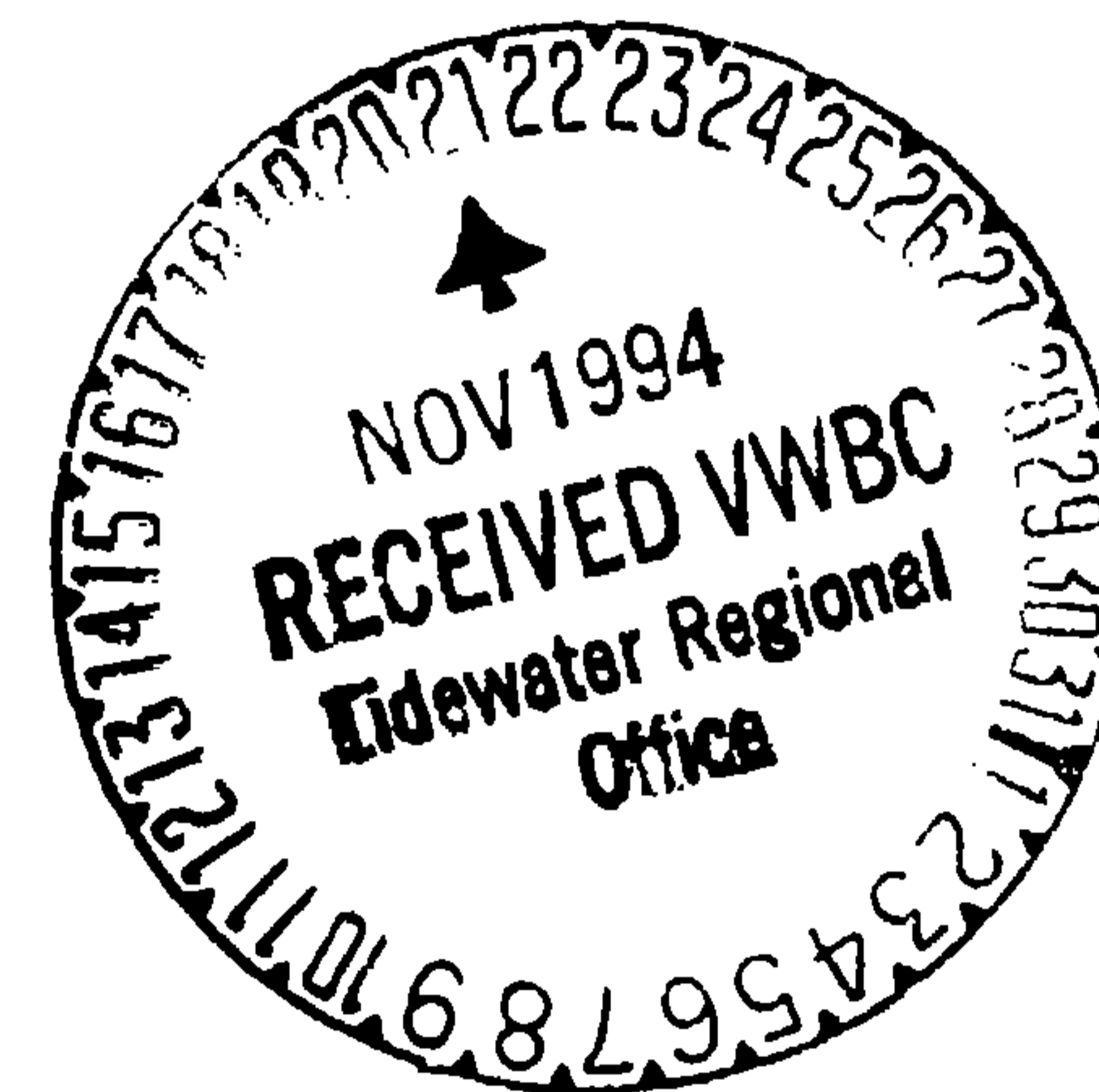
Established  
1958

November 18, 1994

86-715

Mr. Tom Madigan  
Virginia Department of Environmental Quality  
Tidewater Regional Water Office  
287 Pembroke Office Park  
Pembroke No. 2, Suite 310  
Virginia Beach, Virginia 23462

Re: PC# 86-0715  
Amoco #2033  
18 Downtown Plaza  
Norfolk, Virginia



Dear Mr. Madigan:

On August 11 1994, the Virginia Department of Environmental Quality (VDEQ) granted closure of PC# 86-0715. On August 19, 1994, IMS Environmental (IMS) grouted monitoring wells MW-2, MW-3, MW-4, MW-7, MW-9, MW-12, MW-13, MW-14, and MW-15 according to VDEQ guidelines. A site map identifying the former well locations is attached. The property is currently vacant and the underground storage tanks, product lines, and pump islands were removed in January 1994.

IMS has completed the groundwater investigation at the referenced site and no further activities are scheduled.

Very truly yours,

**IMS ENVIRONMENTAL**

*Patricia A. McClelland*  
Patricia A. McClelland  
Geologist

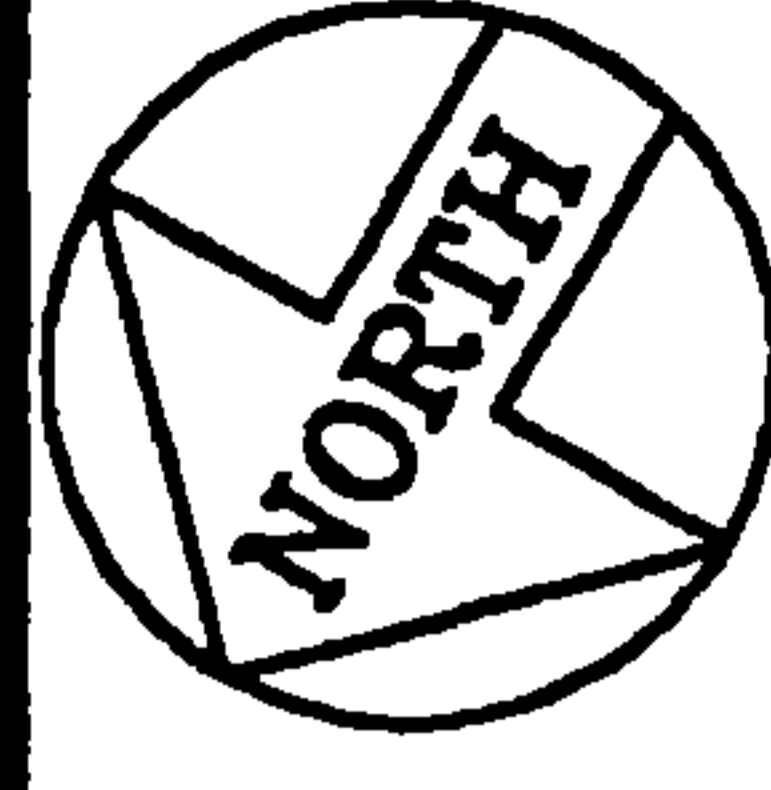
cc: Ms. Shelly Olds, Amoco Oil Company

Legend: U1233

- Monitoring Well
- Former Pump Island
- Water Line
- Sewer Line

Site Location:

AMOCO STATION  
2033  
18 DOWNTOWN PLAZA  
NORFOLK, Virginia



IMS ENVIRONMENTAL  
P.O. BOX 1778  
Norfolk, Virginia 23501-1778

Project No: U1233  
Prepared By: TAH  
Date: February 15, 1984

Approximate Scale:

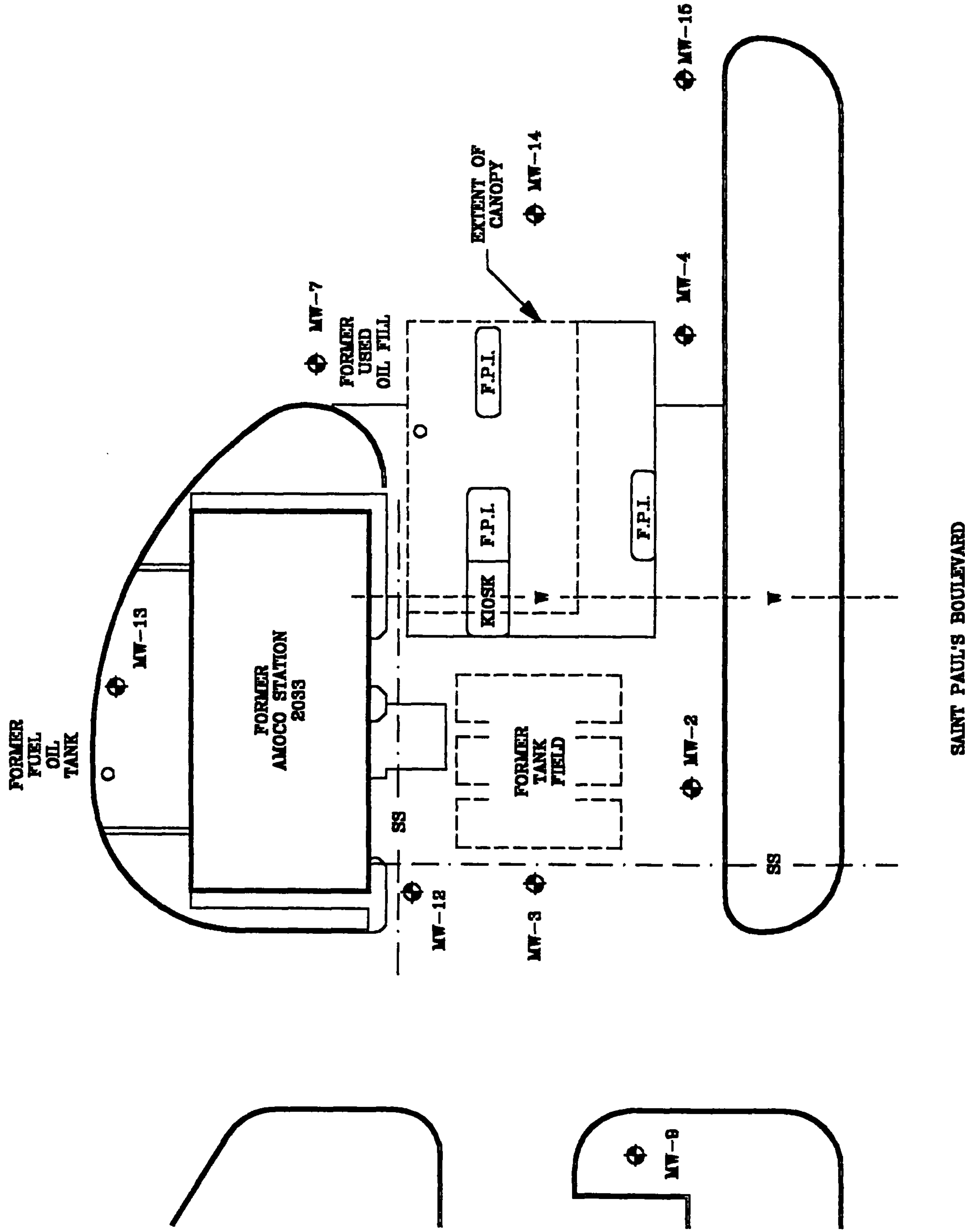
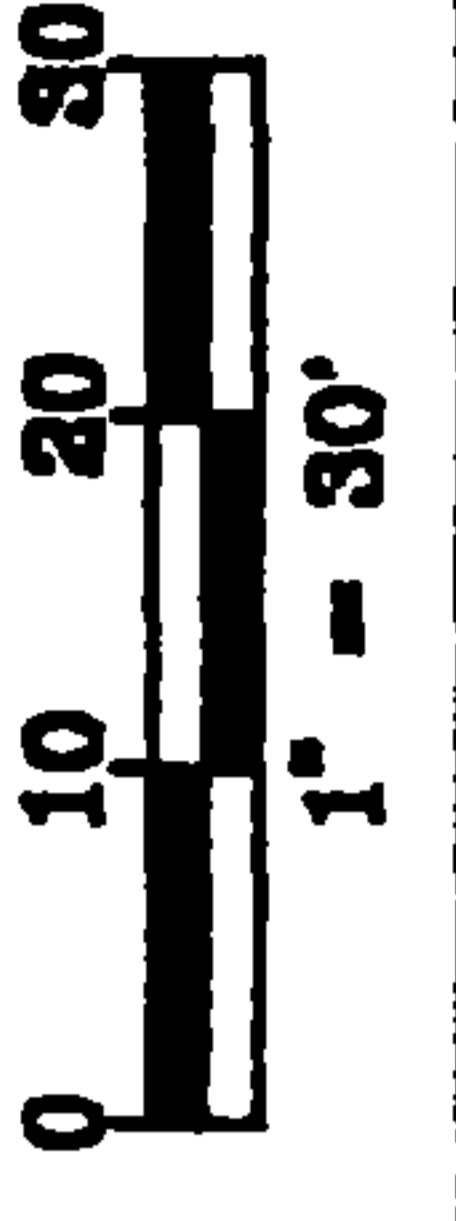


Figure 2: Site map illustrating the location of monitoring wells, former tank field, former pump islands, and utilities.

New Station

STATE USE ONLY

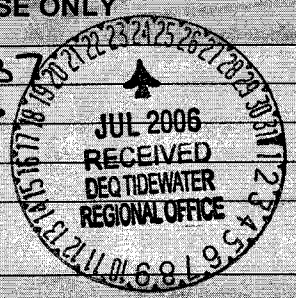
Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions)

Rev. (01/03)

ID Number 5-040187  
Date Received 7/24/06  
Date Entered 10/26/06  
Entered By R.E.T.  
Comments



PART I: PURPOSE OF NOTIFICATION

Check all that apply:

- New (not previously registered) facility
Temporary closure
Change in tank contents
New tank(s) at previously registered facility
Tank removal or closure
New owner
Change in tanks (e.g., upgrade)
Piping removal or closure
Change in owner address
Change in piping (e.g., upgrade)
Other (specify):

PART II: OWNERSHIP OF TANKS

PART III: LOCATION OF TANKS

A. Owner Name: City of Norfolk
B. Owner Address: 810 Union St Suite 403
C. City, State, Zip: Norfolk VA 23510
D. Name of Contact Person: Reggie Goble
E. Title of Contact Person: City Safety Officer
F. Phone Number: (757) 664-4495
G. E-mail Address: harry.goble@norfolk.gov
H. Name of Previous Owner: DAN HUNLEY

A. Facility Name: Fire Station #
B. Facility Street Address (P.O. Box not acceptable): 450 St. Paul Blvd. Norfolk, VA 23510
C. City, Zip: Norfolk, 23510
D. County or Municipality where Facility is Located: City of Norfolk
E. Name of Contact Person: Reggie Goble
F. Title of Contact Person: City Safety Officer
G. Phone Number: (757) 664 4495
H. E-mail Address: harry.goble@norfolk.gov

RECEIVED NOV 01 2006

OSRR

PART IV: TYPE OF OWNER

PART V: TYPE OF FACILITY

- Federal government, State government, Local government, Commercial, Private, Retail gas station, Petroleum distributor, Local government, Federal non-military, Federal military, State government, Commercial (non-resale), Industrial, Other fire station, Residence, Farm

PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

- Self Insurance, Insurance, Letter of Credit, Virginia Petroleum Storage Tank Fund, Guarantee, Surety Bond, Trust Fund

PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Harry K. Goble CSO
Name and Title (Type or Print)

[Signature]
Signature

3, 20, 06
Date

PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

Name and Title (Type or Print)

Signature

Date

Company Name

Address

Telephone Number

SEE TANK PERMIT if Applicable

## PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS

Owner Tank Identification Number										
DEQ Tank Identification Number	1									
Tank Status	<input checked="" type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment
Date of Installation (MM/DD/YYYY)	2004									
Date of Amendment (MM/DD/YYYY)										
Tank Capacity (Gallons)	10,000									
Substance stored (if hazardous, include CERCLA name and/or CAS number)	Diesel									
Material of Construction (√ all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Fiberglass Reinforced Plastic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coated and Cathodically Protected/STI-P3®	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel Clad with Fiberglass)/ACT 100 ®	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Lined Interior	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Excavation Liner	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Galvanized Steel		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Copper		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Safe Suction (No Check Valve at Tank)		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
U.S. Suction (Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Pressure		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Gravity Fed		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Manual Tank Gauging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inventory Control	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Automatic Tank Gauging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Line Leak Detectors		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	Vapor ROBT									
Spill Containment & Overfill Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Spill Containment/Bucket	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Overfill Automatic Shutoff	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Alarm	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Ball Float Valve	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

REMOVED

FOR TANKS IN VA

RETURN COMPLETED FORM TO

Russell P. Elison, III, P.G. Virginia Water Control Board P.O. Box 11143 Richmond, VA 23230-1143 803-41-257-6685

COPY

LD Number: STATE USE: Date Received: NOV 1990 RECEIVED V. WATER CONTROL BOARD

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks.

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain or accumulation of regulated substances, and (2) whose volume (including connected underground piping) is 10% or more beneath the ground.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

- 1. farm or residential tanks of 1,000 gallons or less capacity used for storing motor fuel for noncommercial purposes; 2. tanks used for storing heating oil for consumptive use on the premises where stored; 3. septic tanks;

- 4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intra-state pipeline facility regulated under State law; 5. surface in ponding systems, pits, ponds, or lagoons; 6. surface water collection systems; 7. flow-through tanks; 8. liquid traps or separators used in connection with oil or gas production and operations; 9. storage tanks situated in an underground area, such as a cavern, cellar, mine-workings, shaft, or tunnel, if the storage tank is not upon or above the surface of the floor.

PC# 91-528

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (13) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

Please type or print in ink all items except "Signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached: 1

Owner Name (Corporation, Individual, Public Agency or Other Entity) NORFOLK REDEVELOPMENT + HOUSING AUTHORITY
Street Address 201 GIZMARDY MALL
County NORFOLK VA 23501
City 804 State VA ZIP Code 623-1111
Area Code Phone Number

(If same as Section I, mark box here)
Facility Name or General Site Identifier, as applicable GARDENS
TIDEWATER PARK JAG-2#9
Street Address or State Road, as applicable 450 WALKER ST.
City (nearest) NORFOLK VA 23504

Type of Owner (Mark all that apply)
[X] Current [X] State or Local Govt [ ] Private or Corporate
[ ] Former [ ] Federal Govt (GSA facility LD no.) [ ] Ownership uncertain

Indicate number of tanks at this location: 2
Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

Name (If same as Section I, mark box here) W. C. HUAKES Job Title SUPV. ENGR + ENERGY MANAGEMENT Area Code 804 Phone Number 623-1111 Ext 36

[X] Mark box here only if this is an amended or subsequent notification for this location.

I certify under penalty of law that I have personally examined and I am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative Director of Central Maintenance Signature Tom Leggett Date Signed 11-5-90

(a)

GARDENS

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.	
<b>1. Status of Tank</b> (Mark all that apply <input type="checkbox"/> ) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	23	23				
<b>3. Estimated Total Capacity (Gallons)</b>	10,000	10,000				
<b>4. Material of Construction</b> (Mark one <input type="checkbox"/> ) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>5. Internal Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>6. External Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>7. Piping</b> (Mark all that apply <input type="checkbox"/> ) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input type="checkbox"/> ) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> b FUEL OIL #2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> b FUEL OIL #2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	2/90 0 <input type="checkbox"/>	2/90 0 <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>	



**REPORT OF ANALYSIS**

10/16/90

G.L.CLINE  
P.O. BOX 3287  
PORTSMOUTH, VA 23701

ATTN: MR. CLINE  
SAMPLE OF : 1 SOIL FROM TIDEWATER PARK DRIVE  
SAMPLE ID: T-1(3144)  
DATE/TIME RECEIVED: 10/12/90 6:45 PM  
DATE OF ANALYSIS: 10/14/90  
SOL LOG: 3144  
METHOD: MODIFIED 8015

**RESULTS**

ORGANIC ANALYSIS 3144

TOTAL PETROLEUM  
HYDROCARBONS (ppm) < 1.5

SIGNATURE

  
DOROTHY S. SMALL  
PRESIDENT

PAGE 1 OF 2

# SOLUTIONS LABORATORIES INC

## REPORT OF ANALYSIS

10/18/90

G.L. CLINE  
P.O. BOX 3287  
PORTSMOUTH, VA 23701

ATTN: MR. CLINE  
SAMPLE OF : 1 SOIL FROM TIDEWATER PARK  
SAMPLE ID: T-2(3147)  
DATE/TIME RECEIVED: 10/15/90 4:05 PM  
DATE OF ANALYSIS: 10/17/90  
SOL LOG: 3147  
METHOD: MODIFIED 8015

### RESULTS

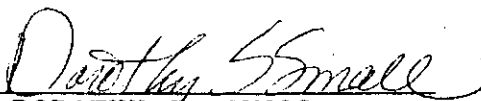
#### ORGANIC ANALYSIS

3147

TOTAL PETROLEUM  
HYDROCARBONS(ppm)

11.647

SIGNATURE



DOROTHY S. SMALL  
PRESIDENT

PAGE 1 OF 2

814-H Greenbrier Circle, Chesapeake, Virginia 23320  
(804) 420-0467

(d)

CHAIN OF CUSTODY REPORT

SOLUTIONS LOG # 3147

COMPANY NAME: G.L. CLINE  
PROJECT MANAGER: MR CLINE  
TELEPHONE #: 487-5396  
FAX #: 485-2708  
P.O. #:  
BILLING ADDRESS: P.O. BOX 3287, PORTSMOUTH VA

DATE RECEIVED: 10/15/90  
TIME RECEIVED: 4:05 PM  
SAMPLER: JAMES HOGAN

-----  
SOL #    CLIENT #    SAMPLED    CONTAINER    LOCATION    PRES.    MATRIX  
3147    T-2    10/15/90 2:30 PM    40 VOA    TIDEWATER PARK    40C    SOIL

CONDITION OF SAMPLE: GOOD

SOL LOG #    ANALYSIS TO BE PERFORMED    DUE DATE  
3147    TPH/GC (24 HR. RUSH)

RECEIVED BY: JO ANN FEROLINO

RELINQUISHED BY:

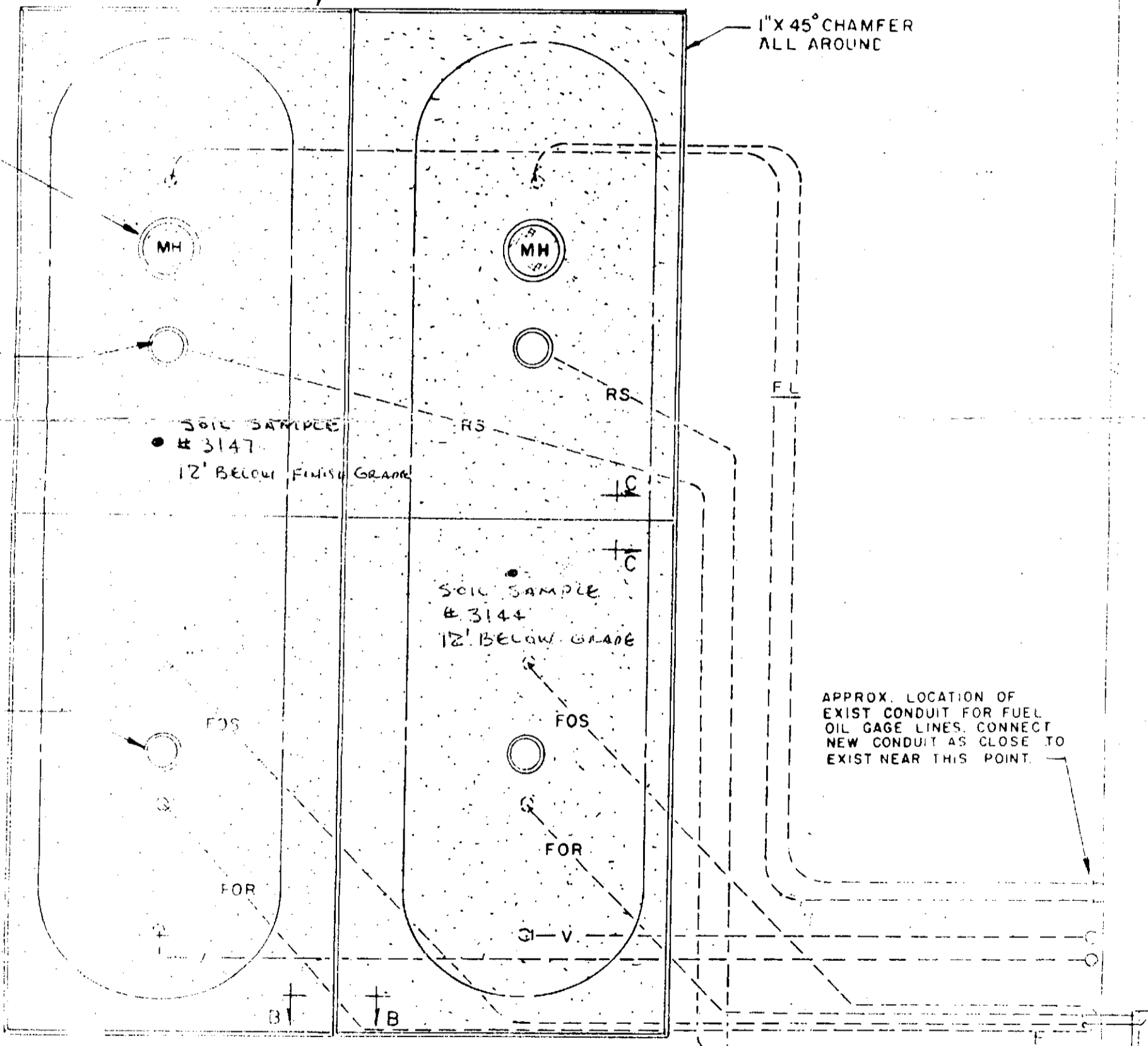
SOLUTIONS LABORATORIES, INC.  
814-B GREENBRIER CIRCLE  
CHESAPEAKE, VA 23320

TIDEWATER GARDENS  
450 WALKER ST.  
NORFOLK, VA.

SERVICE COURT AREA  
ASPHALT PAVED

NOTE

1. APPROX. LOCATION OF HOLD-DOWN SLAB AND TANKS, FINAL DETERMINATION TO BE MADE IN THE FIELD.
2. SAW CUT EXISTING BITUMINOUS PAVEMENT, FOR CLEAN EDGE TO BUTT AGAINST NEW REPLACEMENT PAVEMENT AS REQUIRED.



CENTRAL HEATING PLANT

PLAN VIEW NEW UNDERGROUND STORAGE TANKS  
SCALE 1/4" = 1'-0"



SAL - EAS - TEM

# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

Peter W. Schmidt  
Director

AUG 12 1996

Water Regional Office  
287 Pembroke Office Park  
Pembroke 2, Suite 310  
Virginia Beach, Virginia 23462  
(804) 552-1840  
FAX (804) 552-1848

Larry S. McBride  
Regional Director

Tom Legget  
Norfolk Redevelopment and Housing Authority  
910 Ballentine Boulevard  
Norfolk, Virginia 23504

Re: Underground Storage Tank (UST) release report for (NRHA)  
45 Walke St., Norfolk. DEQ PC# 91-0528

Dear Mr. Legget:

Thank you for providing the Site Characterization Report for the above referenced location. Based on this assessment and current site conditions, no further assessment or remediation activity is required at this site. However, if petroleum contamination is identified in the future, further assessment or cleanup activity may be required. Additionally, any monitoring wells not in use at this site, should be removed from service in accordance with current State regulations for well abandonment.

If you have any questions concerning this case, please contact me at (804) 552-1152.

Sincerely,

A handwritten signature in cursive script, appearing to read "T. E. Madigan".

T. E. Madigan  
Environmental Specialist Senior  
Ground Water Section

cc: DEQ-Water Div. TRO-OE ref. PC# 91-0528

# KAUFMAN & CANOLES

— | A Professional Corporation | —  
**Attorneys and Counselors at Law**

Marina Liacouras Phillips  
757 / 624-3279  
mlphillips@kaufcan.com

757 / 624-3000  
fax: 757 / 624-3169

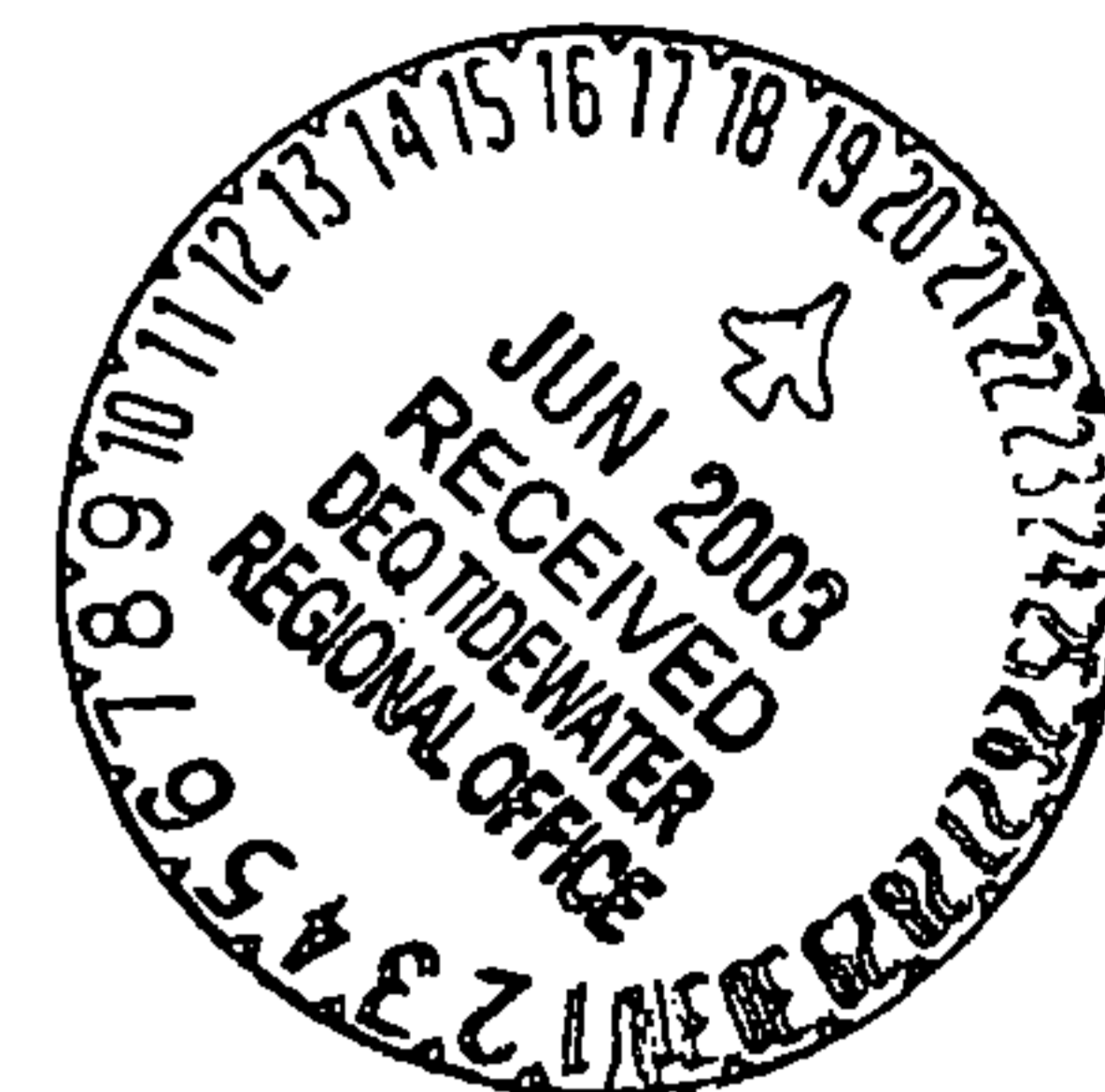
Mailing Address:  
P.O. Box 3037  
Norfolk, VA 23514

150 West Main Street  
Suite 2100  
Norfolk, VA 23510

June 19, 2003

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Ms. LeAnn Moran  
Virginia Department of Environmental Quality  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, VA 23462



**Re: UST Closure Report  
Roland's Auto Repair  
# 42 Downtown Plaza, Norfolk  
PC# 03-5158  
Our Matter No. 51316**

Dear Ms. Moran:

Kaufman & Canoles has been engaged to represent Downtown Plaza Associates, L.P. (DPA) with respect to the above-referenced matter. On behalf of DPA, I am submitting the enclosed Underground Storage Tank Closure Report and related documentation formally reporting the release and identifying DPA as the responsible party for the release. This documentation confirms that the tank has been closed in place.

This submission represents a portion of the information that you requested in letter of June 11, 2003 to Mr. Jon Wilkins. DPA has also engaged McCallum Testing Laboratories, Inc. to assist with the tank closure and corrective action if necessary. I understand that Marvin Smith has spoken with you about the Initial Abatement Measures Report and that you have requested three more soil borings to confirm that petroleum has not migrated across the site. Mr. Smith will continue to coordinate with you and to satisfy the requirements of your June 11 letter.

Please call me if you have questions or comments.

Very truly yours,

Marina Liacouras Phillips

Enclosures

cc: W. Jon Wilkins, Esq. (w/enc.)  
Mr. Marvin D. Smith (w/enc.)

#850126

Chesapeake

Hampton

Newport News

Richmond

Virginia Beach

Williamsburg

# • **McCALLUM** •

**TESTING LABORATORIES, INC.**

Geotechnical Engineering, Materials Testing & Environmental Services

**UNDERGROUND STORAGE TANK CLOSURE REPORT  
ROLAND'S AUTO REPAIR  
#42 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA  
MTL Project # 03-1370 / 03-4051**



**Submit to:**

**Virginia Department of Environmental Quality  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, Virginia 23462**

**Prepared for:**

**Jon Wilkins  
Downtown Plaza Associates  
4415 Deborah Ct.  
Chesapeake, Virginia 23321**

**Prepared by:**

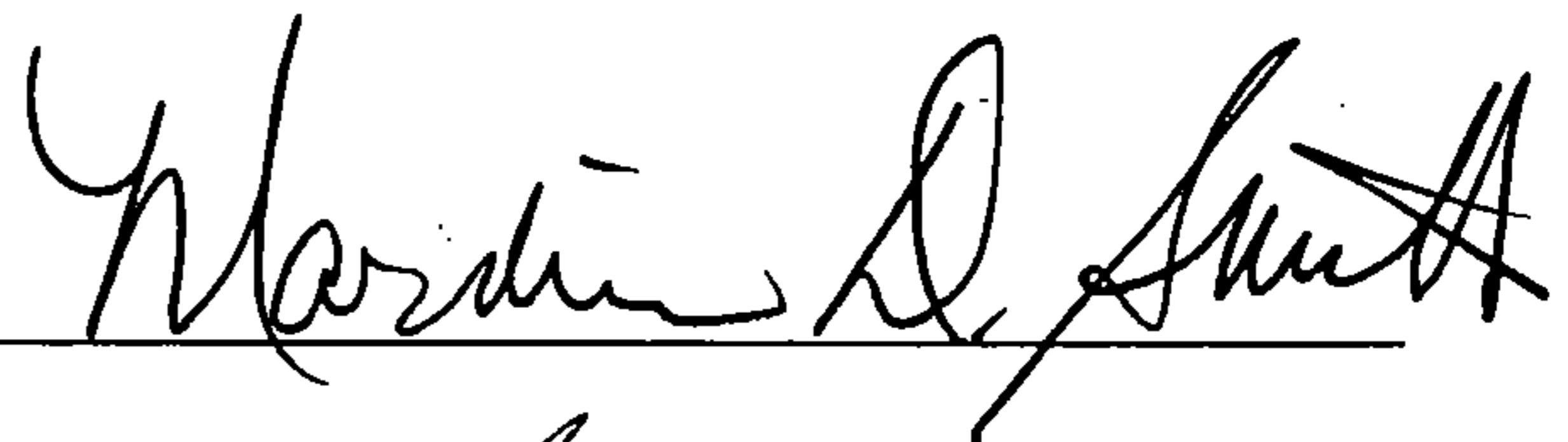
**McCALLUM TESTING LABORATORIES, INC.  
1808 Hayward Avenue  
Chesapeake, VA 23320**

**SIGNATURE/CERTIFICATION SHEET**

Prepared by:

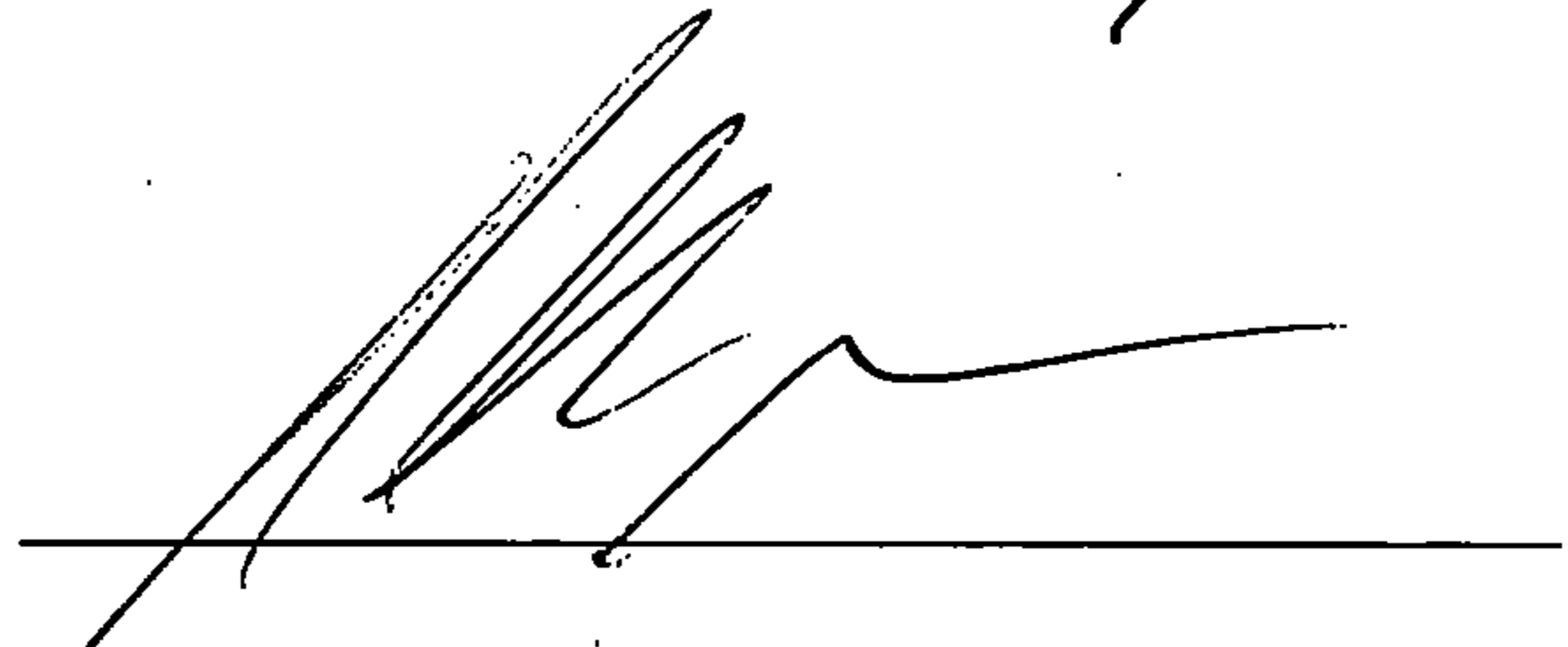
I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

Marvin Smith  
Project Geologist



---

Richard Seage, P.G.  
Manager, Environmental Services  
VA Professional Certification : CPG #466



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McCallum Testing Laboratories, Inc.  
1808 Hayward Avenue  
Chesapeake, Virginia 23320  
Phone: (757) 420-2520  
Fax: (757) 424-2874

Property Owner:

Downtown Plaza Associates  
4415 Deborah Ct.  
Chesapeake, Virginia 23321



**UNDERGROUND STORAGE TANK  
CLOSURE REPORT  
ROLAND'S AUTO REPAIR**

On May 16, 2003, McCallum Testing Laboratories collected one soil sample adjacent to an estimated 225 gallon underground used oil storage tank at Roland's Auto Repair located at #42 Downtown Plaza in Norfolk, Virginia. The Site Location Map (Figure 1) shows the location of this site and the Site Drawing (Figure 2) shows the location of the UST.

**Section 1.0 Project History**

During an underground storage tank (UST) facility inspection by the Department of Environmental Quality at Roland's Auto Repair on February 20, 2003, the inspector noted several non-compliance issues for the existing used oil UST. These issues included non-compliance for corrosion protection and release detection for the UST. Based on these issues, the inspector requested upgrade or closure of the used oil UST. Downtown Plaza Associates decided to have the UST closed and removed from service. Due to the location of the tank, in-place closure was recommended by the tank removal contractor (Photograph #1).

**Section 2.0 UST Closure Sampling**

Prior to closure, a soil boring (B-1) was drilled adjacent to the UST with an Earthprobe direct push technology (DPT) sampler to a depth of approximately 10 feet. Groundwater was encountered at a depth of approximately 6 to 7 feet and no free was detected. Soil samples were collected at two foot intervals from the surface to the bottom of the boring and each sample was scanned for volatile organic vapors using a Photoionization Detector (PID). The PID scan responses are presented in the table below.

<b>PID RESPONSES</b>	
<b>Depth (ft.)</b>	<b>Response (ppm)</b>
<b>0 – 2</b>	15.7
<b>2 – 4</b>	129
<b>4 – 6</b>	<b>169</b>
<b>6 – 8</b>	119
<b>8 – 10</b>	43.2

**PID responses are 100 ppm Isobutylene equivalent**  
**Bold – Sample submitted to laboratory**

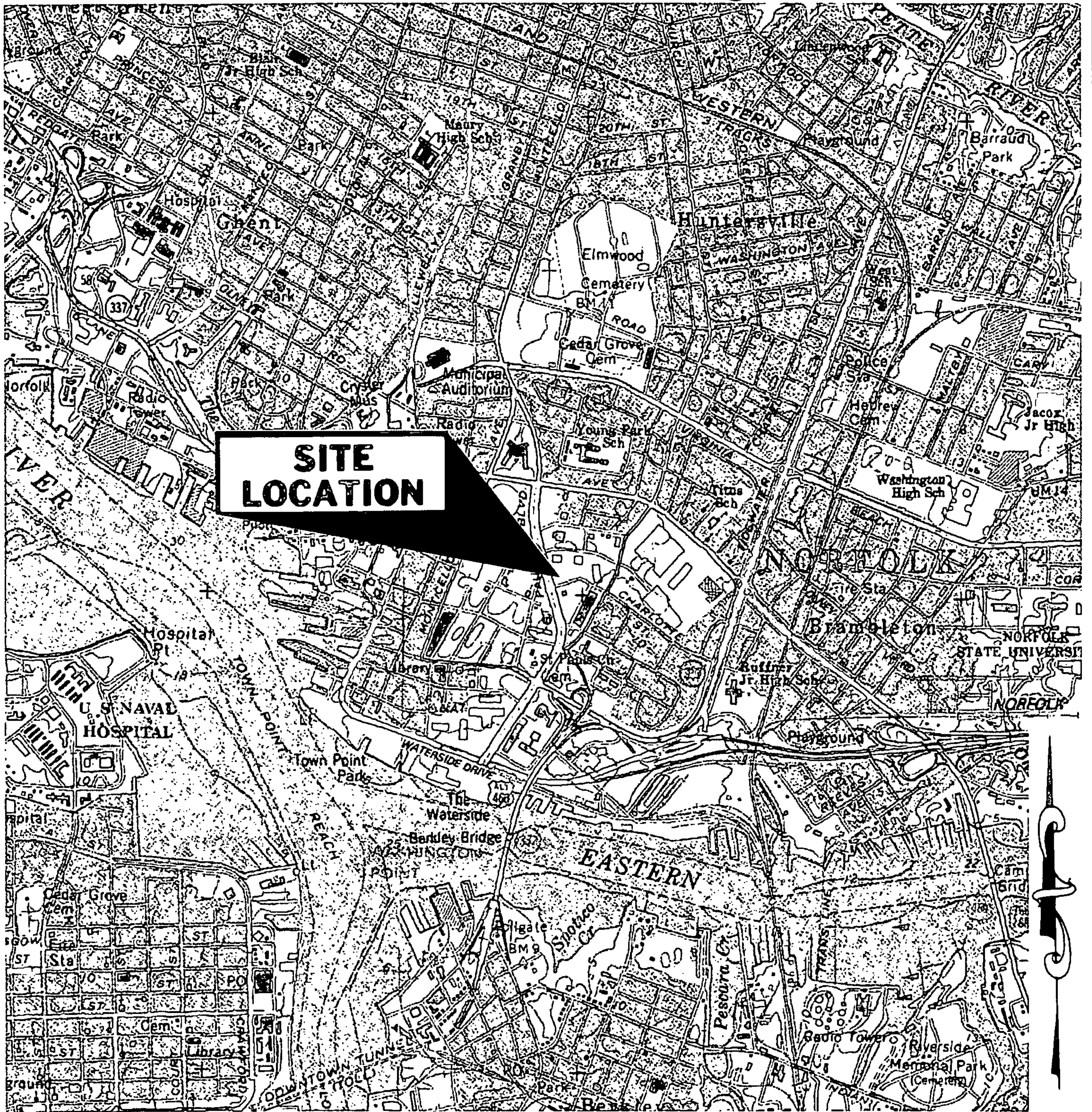
The soil consisted of silty clay underlain by silty sand that exhibited evidence of petroleum odor. The sample from B-1 was placed in a 4 ounce glass container with a Teflon lid, preserved on ice and submitted to EnviroCompliance Laboratories for Total Petroleum Hydrocarbon (TPH) analysis using EPA Test Method 418.1. The TPH results are presented below and the laboratory's Certificate of Analysis is included with this report.

<b>LABORATORY RESULTS</b>	
<b>SAMPLE</b>	<b>TPH CONCENTRATION (mg/kg)</b>
<b>B-1 (4-6')</b>	<b>26,000</b>
<b>mg/kg – Equivalent to parts per million (ppm)</b>	

The TPH concentration in the sample from B-1 exceeds the DEQ's Reporting Limit of 100 ppm for TPH in soil. On behalf of Downtown Plaza Associates and in accordance with DEQ regulations, McCallum has notified the DEQ of the laboratory results and site conditions.

### **Sections 3.0 Limitations**

It is important to note that the soil sample analyzed in this investigation is considered as an isolated data point which may not be representative of subsurface conditions across the entire site. Therefore, the results of this investigation may not be completely indicative of all subsurface conditions. The results are based on the scope of work described herein and the best available data at this time. No other warranty is expressed or implied. This report does not warrant against future operations or present conditions not discovered by this investigation.

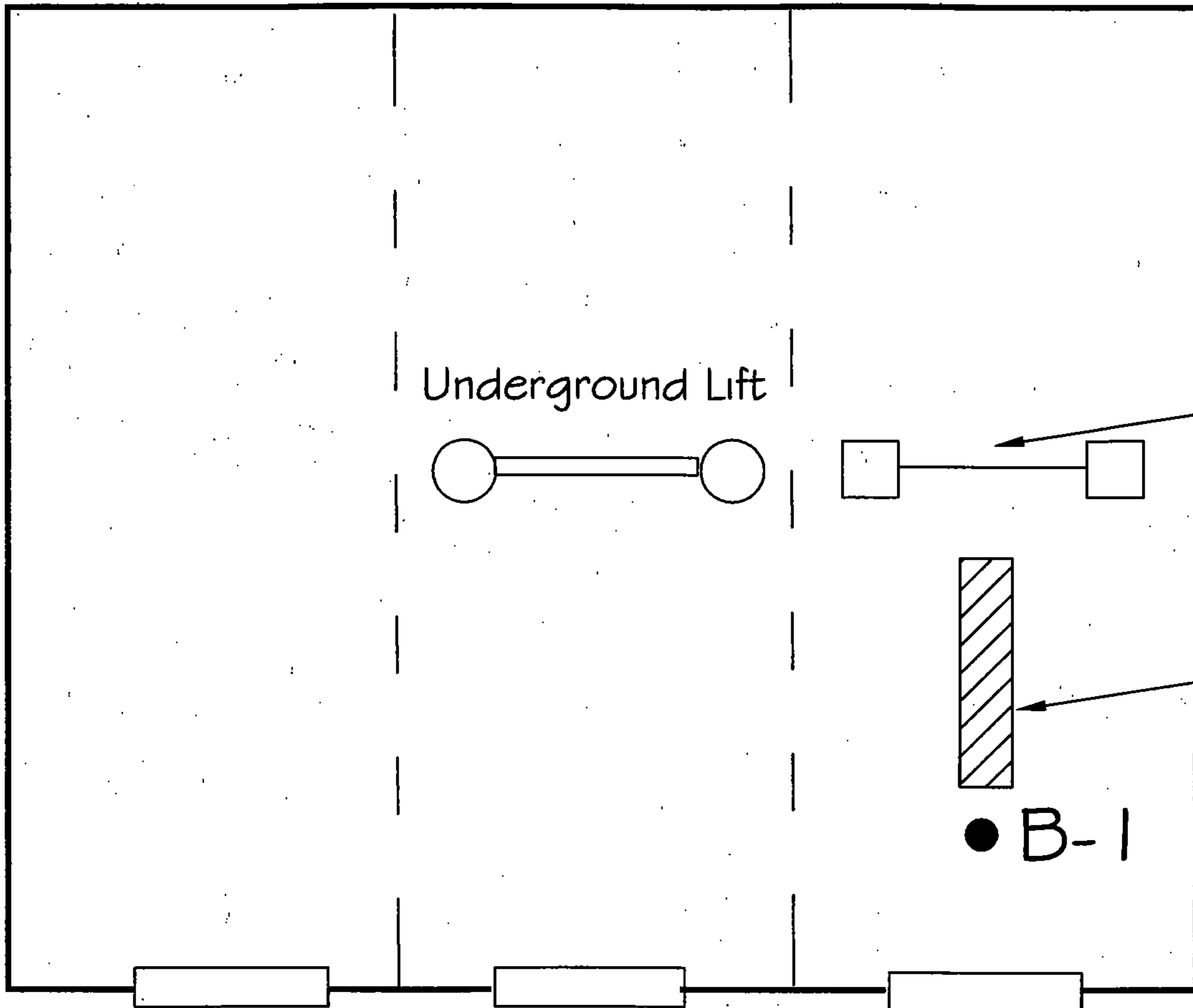


**SITE  
LOCATION**

**MCCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	1:24,000	Approved by:	Richard J. Seage, P.G.	Date:	6/03
Project:	Roland's Auto Repair #42 Downtown Plaza Norfolk, Virginia				
Drawing Title:	Site Location Map			Drawing Number:	Figure 1



Roland's Auto Repair

**McCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	Not to Scale	Approved by:	Richard Seage, P.G.	Date:	6/03
--------	--------------	--------------	---------------------	-------	------

Project:	Roland's Auto Repair #42 Downtown Plaza Norfolk, Virginia
----------	---

Drawing Title:	Site Drawing	Drawing Number:	Figure 2
----------------	--------------	-----------------	----------

ENVIROCOMPLIANCE



LABORATORIES, INC.

Certificate of Analysis

816 Kiwanis Street  
Hampton, Virginia 23661  
Phone 757 \* 244 \* 3424  
Fax 757 \* 244 \* 3243

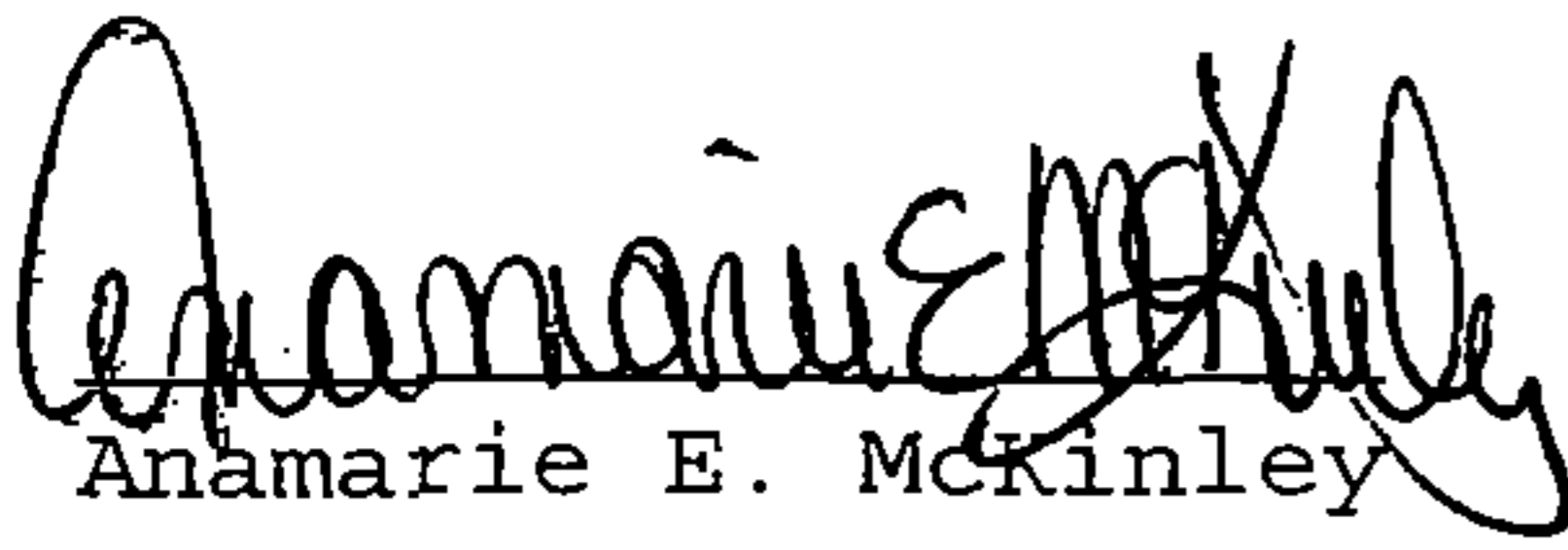
McCallum Testing Laboratories  
Attn: Charlotte Ebbert  
1808 Hayward Avenue  
Chesapeake, VA 23320

Project No. : 03-1370  
Project Name : Rolands Auto Repair  
Date Received: May 19, 2003  
Date Sampled : May 16, 2003  
Date Issued : May 20, 2003

Sample ID : B-1

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	26000	mg/kg	30	05-20/1030	05-20/1315	418.1	PEJ

BDL = Below Detection Limit

  
Anamarie E. McKinley  
Laboratory Manager

H3513167-1

**CHAIN OF CUSTODY**

EnviroCompliance Laboratories, Inc.  
 816 Kiwanis Street  
 Hampton, VA 23661  
 (757) 244-3424 Fax (757) 244-3243

Page 1 of 1

Client : **McCallum**  
 Contact : **C. Ebbert / M. Smith**  
 Address : **1808 Hayward Ave**  
 City : **Chesapeake, VA**  
 Phone : **420-2520** Fax: **424-2874**  
 PO No. :

PROJECT NO.	PROJECT NAME:	DATE	TIME	SAMPLE IDENTIFICATION	#	Matrix	Comp / Grb	Preserv	ANALYSIS
03-1370	Rolands Auto Repair	5/16/03	12:55 PM	B-1	1	ISG			
					2.				
					3.				
					4.				
					5.				
					6.				
					7.				
					8.				
					9.				
					10.				
					11.				
					12.				
					13.				
					14.				
					15.				
					16.				
					17.				
					18.				
					19.				
					20.				

Relinquished by: (Signature) *[Signature]* Date: 5-19-03 Time: 12:10 Received by: (Signature) *[Signature]* Temp: 24°C

Relinquished by: (Signature) Date: / Time: / Received by: (Signature) Cond.

Relinquished by: (Signature) Date: / Time: / Received by: (Signature) Temp: 24°C

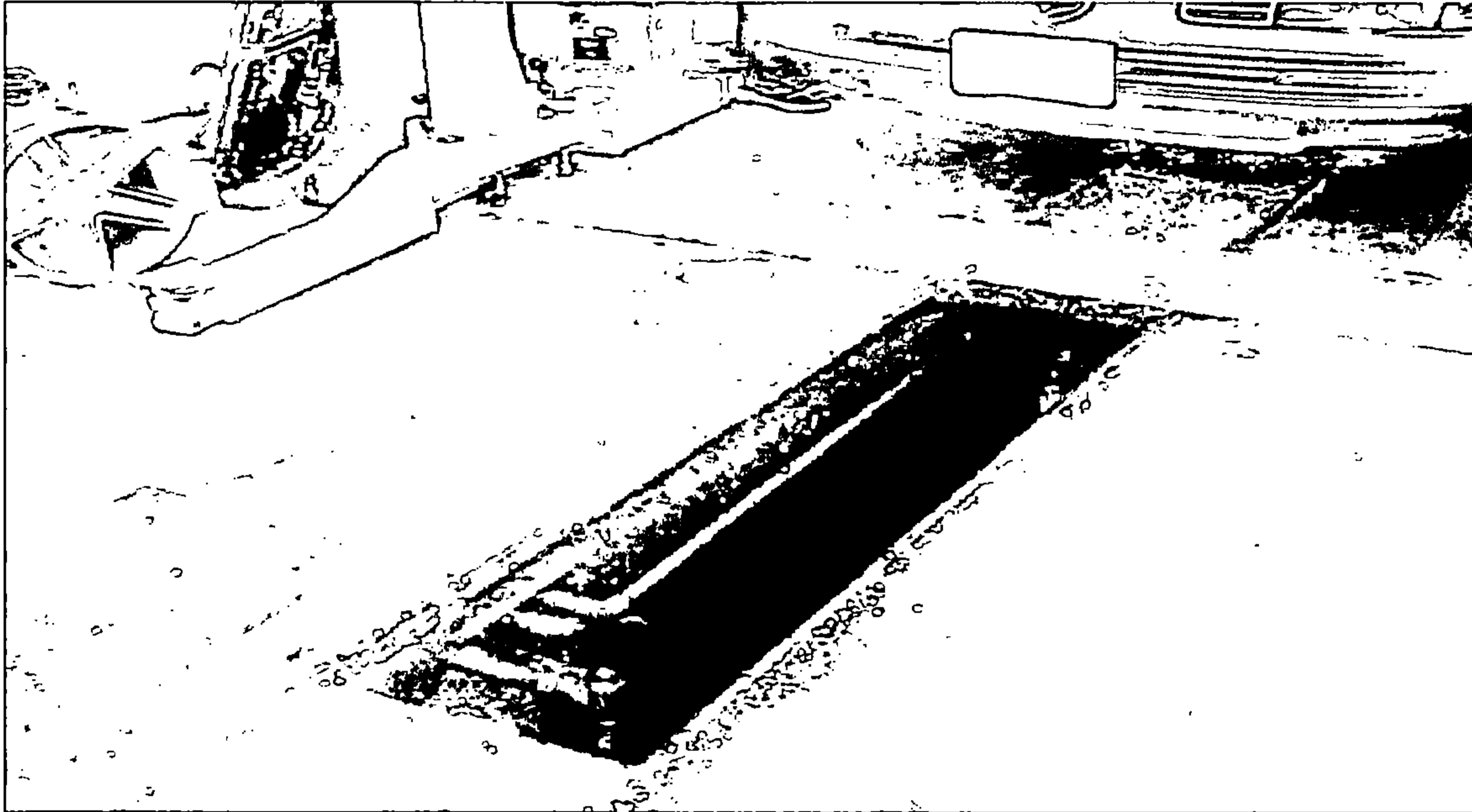
MTL H3510:57 Rec:05-19 Due:05/25  
tph

Matrices: W=Water S=Soil O=Organic Aq=Aqueous Si=Sludge F=Filter M=Misc. Preservatives: N=Nitric H=Hydrochloric Na=Sodium Hydroxide S=Sulfuric T=Thiosulfate Z=Zinc Acetate

# Photographs

Property Name:	Roland's Auto Repair	MTL # 03-1370/03-4051		
Property Address:	#42 Downtown Plaza			
Town:	Norfolk	State: Virginia	Zip Code:	

**Photograph #1: Shows the used oil UST**





PAR, Kim

June 14, 2004

Ms. LeAnn K. Moran, Geologist Senior  
Virginia Department of Environmental Quality  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, Virginia 23462



Re: VDEQ PC# 03-5158  
Site Characterization Report  
Roland's Auto Service  
42 Downtown Plaza Shopping Center  
Norfolk, Virginia 23510

EMS Project No: 8263

Dear Ms. Moran:

On behalf of Norfolk City Attorney's Office, EMS Environmental, Inc. (EMS) presents this Site Characterization Report for the above referenced site. Please note that site history research; installation of four additional groundwater monitoring wells (MW-4 through MW-7); collection of five soil samples (MW-4 through MW-7 and Disp-1); PID field screening; monitoring well development using a vacuum truck; disposal of 96 gallons of petroleum impacted soil; collection of six groundwater samples (MW-2 through MW-7); laboratory analyses; one top-of-casing (TOC) survey event; one hydraulic conductivity test; three monitoring well gauging and manual bailing events; performance of a 1,320-foot radius sensitive receptor survey; and SCR report preparation were performed for the SCR. Off-site disposal of three 55-gallon capacity drums of the soil cuttings is scheduled for next week. The Activity Authorization Form (AAF) for the SCR phase is attached separately.

If you should have any questions or comments or require additional information, please do not hesitate to contact Mike Iwashchenko or myself at (757) 397-8783.

Sincerely,  
**EMS Environmental, Inc.**

A handwritten signature in black ink, appearing to read "Paul R. Young". The signature is fluid and cursive, with a long, sweeping underline.

Paul R. Young, CPG  
Senior Hydrogeologist

cc: Ms. Martha P. McGann, Norfolk City Attorney's Office

Attached: AAF #1 (Site Characterization Phase)



# SITE CHARACTERIZATION REPORT

for:

## ROLAND'S AUTO SERVICE

42 Downtown Plaza Shopping Center  
Norfolk, Virginia 23510

Pollution Complaint Number:

**03-5158**

Prepared for:

Ms. Martha P. McGann, Deputy City Attorney  
Norfolk City Attorney's Office  
810 Union Street, 900 City Hall Building  
Norfolk, Virginia 23510  
(757) 664-4529



Submitted to:

Ms. LeAnn K. Moran, Geologist Senior  
Virginia Department of Environmental Quality - Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, Virginia 23462  
(757) 518-2000

Prepared by:

## EMS ENVIRONMENTAL, INC.

EMS Project No.: 8263  
3406 South Street  
Portsmouth, Virginia 23707  
(757) 397-8783

Prepared by:

Paul Robert Young  
No. 1012

Paul R. Young, CPG  
Senior Hydrogeologist

Reviewed by:

Michael S. Iwashchenko, CPG  
Senior Geologist

MICHAEL STEVEN  
IWASHCHENKO  
No. 2801 001404

June 14, 2004



**ENVIRONMENTAL, INC.**

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## **APPENDICES**

Appendix A:	Photodocumentation
Appendix B:	Virginia Department of Environmental Quality Correspondence
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Appendix D:	Monitoring Well Construction Logs
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Appendix J:	Limitations

## 1.0 INTRODUCTION

On behalf of Norfolk City Attorney's Office, EMS Environmental, Inc. (EMS) has prepared this Site Characterization Report (SCR) for the site known as Roland's Auto Service, an active automotive repair facility, located at 42 Downtown Plaza Shopping Center in Norfolk, Virginia (Figure 1, Figure 2, and Appendix A).

This SCR was requested in written correspondence from the Virginia Department of Environmental Quality - Tidewater Regional Water Office (VDEQ) to Norfolk City Attorney's Office dated February 6, 2004 (Appendix B). Based on one soil analytical result from an underground storage tank (UST) closure assessment performed by McCallum Testing Laboratories, Inc. (McCallum), VDEQ was notified of a subsurface used oil release at the site. Subsequently, VDEQ requested a Site Check be performed to determine if a significant release had occurred. An Initial Abatement Measure Report (IAMR) was prepared by McCallum on August 12, 2003 and submitted to VDEQ. In addition, one Well Monitoring Report was prepared by McCallum on January 16, 2004 and submitted to VDEQ. VDEQ then requested the following: (1) conduct an investigation of the source, extent, and risk posed by the release; (2) install additional monitoring wells for delineation of the free product plume; (3) perform free product recovery; and (4) submit a SCR (Appendix B).

This SCR documents site characterization assessment activities conducted by EMS at the above referenced site in accordance with VDEQ correspondence and VDEQ Guidance Document #01-2024, Storage Tank Program Technical Manual, Third Edition, dated October 4, 2001. The released petroleum hydrocarbons from the UST system and their impact to the environment and sensitive receptors are the primary focus of this soil and groundwater investigation.

### 1.1 Previous Reports

Roland's Auto Service is listed within the Virginia Leaking Underground Storage Tank (LUST) database. The LUST database summarizes reported leaking USTs and is maintained by the VDEQ. One LUST listing was identified for this facility. The VDEQ assigned Pollution Complaint (PC) number 03-5158 to this incident. The incident case was opened on May 27, 2003 due a report of 26,000 parts per million (ppm) of Total Petroleum Hydrocarbon (TPH) by Method 418.1 detected in a soil sample collected adjacent to a used oil UST before in-place tank closure procedures. A summary list of previous environmental reports includes:

- UST Closure Report prepared by McCallum on June 20, 2003;
- IAMR prepared by McCallum on August 12, 2003; and
- Well Monitoring Report prepared by McCallum on January 16, 2004.

## 1.2 General Background Information

Roland's Auto Service is an active automotive repair facility located on the north side of the Downtown Plaza Shopping Center near the intersection of Wood Street and Posey Lane. The Downtown Plaza Shopping Center is irregular in shape and occupies approximately 12 acres of developed land. Seven buildings, concrete and asphalt parking areas, and grass-covered areas cover the majority of the shopping center property. One of the seven buildings is a two-tenant building currently occupied by Roland's Auto Service and Soap N Suds Laundromat with the street addresses of 42 and 45 Downtown Plaza Shopping Center, respectively. This two-tenant building was constructed in 1963 and consists of a one-story steel frame and concrete block structure with brick facades situated on a concrete slab-on-grade foundation (Figure 2 and Appendix A).

The site currently maintains one existing two-tenant building; one closed in-place 225-gallon capacity used oil UST; one hydraulic lift system with two hydraulic lifts; one used oil AST; one pre-existing soil boring (B-1); three pre-existing groundwater monitoring wells (MW-1 through MW-3); and four additional groundwater monitoring wells (MW-4 through MW-7). Figure 2 illustrates the pertinent site characteristics.

Underground utilities located at the site include: sanitary sewer, communication, electric, water, and natural gas. Aboveground utilities located at the site include: electric and communication. Based on interviews and map inspection, underground sanitary sewer, communication, electric, water, and natural gas lines associated with Downtown Plaza Shopping Center enter the shopping center from Wood Street to the north, Fenchurch Street to the east, and St. Paul's Boulevard to the west. Two floor drains and one hydraulic lift system are located inside the repair garage. The location of subsurface conduit associated with the floor drains is currently unknown. Figure 2 illustrates known above and underground utilities. According to Norfolk storm drainage maps and site reconnaissance, the nearest storm water drop inlets and subsurface conduits are located approximately 255 feet south of the site. It should be noted that a former portion of Church Street once transected the northern portion of the Downtown Plaza Shopping Center. According to 1887, 1898, 1910, 1928, and 1950 Sanborn Fire Insurance Maps, as previously reviewed by EMS, the majority of the site was occupied by 2-story and 3-story dwellings, sheds, and small businesses. Based on historical development at the site, remnant subsurface utilities, former building foundations, and/or other below ground structures may exist beneath the site.

A review of area historical maps was performed for this environmental assessment to illustrate the changing land surface of the site and surrounding area. The oldest map reviewed is the 1736 Borough of Norfolk map. In addition, three other historical maps include: The Map of the County Contiguous to Norfolk, as prepared by General Robert B. Taylor dated circa 1815; Gray's New Map of Norfolk, Norfolk County, Virginia dated 1877; The Map of Sections of Norfolk, Virginia and Miscellaneous Information for Visitors and New Residents, copyright 1942; and a portion of the Master Storm Drain Maps created in 1977 and last updated in 1988 from the Norfolk Department of Utilities. Copies of the referenced maps are provided as Appendix C.

An asphalt-paved parking lot and Wood Street border the site to the north. An asphalt-paved parking lot and a vacant three-unit retail strip mall with the street addresses of 32 through 40 Downtown Plaza Shopping Center border the site to the east. An asphalt-paved parking lot and additional retail stores associated with Downtown Plaza Shopping Center border the site to the south. Soap N Suds Laundromat, an asphalt-paved parking lot, and Fire Station No. 1 border the site to the west.

The U.S.G.S. Norfolk South 7.5 Minute Quadrangle Topographic Map illustrates the elevation of the site to be approximately ten feet above the National Geodetic Vertical Datum of 1929 (Figure 1). Topography of the site slightly slopes east and south. The majority of storm water and surface water run-off from the site appear to be channeled overland toward the east into a concrete drainage swale. Storm water and surface water run-off from the site also flow overland toward the south, across an asphalt-paved parking lot, before entering drop inlets located approximately 255 feet south of the site. Surface water entering the concrete drainage swale and drop inlets appear to flow toward the south and/or west which eventually drains into the Eastern Branch of the Elizabeth River. Based on interviews and map inspection, portions of central and eastern Downtown Plaza Shopping Center are prone to flooding and have been identified within the 100 to 500-year flood plain identified as Flood Zones A and B, respectively.

The nearest surface water bodies, identified as Eastern Branch of the Elizabeth River, Elizabeth River, and Hague are all located approximately 3,000 to 3,500 feet south, west, and northwest of the site, respectively. These three nearby bodies of surface water are used for recreation, transportation, drainage, and other commercial and industrial purposes and not as sources for potable water. These surface water bodies are tidally influenced and composed of brackish to saline water.

Roland's Auto Service is supplied with drinking water by the City of Norfolk. No active potable water wells were located on-site or within 1,320 feet of the site. Potential and existing sensitive receptors (i.e. wells, basements, subsurface utilities; subsurface structures, areas of backfill, and surface waters) were investigated during a 1,320-foot radius receptor survey of the area (Figure 3). A discussion of the sensitive receptor survey is included in Section 5.2 (Impacted and Potentially Impacted Receptors).

### **1.3 Site History**

On February 20, 2003, a VDEQ inspector performed an UST facility inspection at Roland's Auto Service. The VDEQ inspector noted non-compliance issues and requested upgrades or closure of the used oil UST. Downtown Plaza Associates, the previous tank owner, decided to close the tank in-place. Prior to filling the UST with concrete, McCallum drilled a 10-foot deep soil boring adjacent to the UST. One soil sample, designated as B-1, was collected for laboratory analysis of TPH using EPA Method 418.1. A TPH concentration of 26,000 ppm was detected in soil sample B-1. As previously noted, VDEQ was notified on May 27, 2003 of the TPH concentration. Subsequently, VDEQ requested a Site Check and/or an IAMR for the release. As reported by

McCallum, the used oil UST was closed in-place by Jones & Frank Corporation during the summer of 2003.

The Site Check and/or IAMR, as prepared by McCallum, consisted of the following: drilling three soil borings (MW-1 through MW-3); collection of three soil samples (MW-1 through MW-3); installation of three two-inch diameter monitoring wells (MW-1 through MW-3); collection of three groundwater samples (MW-1 through MW-3); laboratory analysis of the soil and groundwater samples for TPH; and report preparation. McCallum installed the three monitoring wells on August 1, 2003.

On October 13, 2003, November 18, 2003, December 11, 2003, and January 6, 2004, McCallum monitored the three wells for free product. Free product was only detected in monitoring well MW-1 during three of the four McCallum well monitoring events; however, the free product thickness could not be determined as the product coated the McCallum gauge. A petroleum sorbent was placed in monitoring well MW-1 on November 18, 2003 and removed on December 11, 2003 by McCallum.

On March 13, 2004, prior to the installation of monitoring wells MW-4 through MW-7, EMS gauged the three pre-existing monitoring wells designated as MW-1 through MW-3 using an oil/water interface probe. A free phase hydrocarbon thickness of 0.77 feet was detected within monitoring well MW-1. No measurable thicknesses of free product were detected in monitoring wells MW-2 or MW-3.

On April 14, 2004, under EMS supervision, four additional monitoring wells, designated as MW-4 through MW-7, were installed at the site for this SCR. Soil samples MW-4 through MW-7 were collected during soil boring activities. Following soil sample collection, soil borings MW-4 through MW-7 were converted into groundwater monitoring wells identified as MW-4 through MW-7, respectively (Figure 2). Corresponding groundwater samples were subsequently collected and analyzed for petroleum hydrocarbon concentrations. In addition, the collected soil samples were scanned for Volatile Organic Compound (VOC) concentrations using a Photoionization Detector (PID). The following sections review the site assessment, investigative methods, investigative results, risk assessment, and remediation assessment for the site.

## **2.0 SITE ASSESSMENT**

### **2.1 Regional Geology**

The site is located in the Atlantic Coastal Plain Physiographic Province of southeastern Virginia. In general, the geology underlying the Atlantic Coastal Plain Physiographic Province consists of a clastic wedge of sedimentary deposits, which thickens to the east and thins to the west toward the Piedmont. These deposits range in age from Late Cretaceous to Quaternary. A thin wedge of early Cretaceous (Potomac Group) sediments mantle early Mesozoic sedimentary and Paleozoic

crystalline rocks of the Piedmont (Johnson et. al., 1987). Unconformably underlying the sediments is crystalline bedrock composed of igneous and metamorphic rock ranging in age from Precambrian to Paleozoic. The bedrock surface forms the basal limits of the Coastal Plain sedimentary system. Depth to bedrock is greater than 2,000 feet beneath the surface of southeastern Virginia (Meng and Harsh, 1988).

About 35 million years ago, a large comet or meteorite slammed into the western Atlantic Ocean on a shallow shelf, creating the Chesapeake Bay Impact Crater (CBIC). The crater is now covered by Virginia's central to outer Coastal Plain sediments and the lower Chesapeake Bay. The CBIC is a 56 miles wide, complex peak-ring crater with an inner and outer rim, and an inner basin that penetrates the basement to a depth of at least 1.2 miles. The structural and stratigraphic features created by the impact crater have influenced the hydrogeology, groundwater flow system, and water quality of a large part of the Virginia Coastal Plain. The Town of Cape Charles, Virginia overlies the center of the crater (Powars and Bruce, 1999). Based on map inspection, the site appears to be located approximately six miles south of the outer crater rim.

Quaternary strata in the area include fluvial, estuarine, marginal-marine, and nearshore-shelf sediments deposited during the Pleistocene glacial-interglacial period. The Pleistocene deposits form a step-like succession of terraces and intervening scarps that parallel the coast (or the buried outer rim of the crater) and major streams, thereby dominating the topography of the Coastal Plain. These terraces decrease in elevation and age toward the coast and major streams (Powars and Bruce, 1999). Lithologic sedimentary units of the Coastal Plain Physiographic Province typically consist of clay, silt, sand, gravel, and peat deposits.

## **2.2 Site Geology**

The surficial geologic unit at the site is the Upper Pleistocene age Lynnhaven Member of the Tabb Formation. The Lynnhaven Member is characterized as a pebbly and cobbly, fine to coarse, gray sand grading upward into clayey and silty, fine sand and sandy silt. The base of the Lynnhaven Member consists of medium to coarse, crossbedded sand and clayey silt containing abundant plant material with fill channels cut into the underlying stratigraphic units. This geologic unit ranges in thickness from zero feet to 20 feet. The Lynnhaven Member was surficially deposited in a broad swale extending southward from Norfolk and of extensive lowlands bounded on the landward side by river-, bay-, and ocean-facing scarps having toe altitudes of 15 feet to 18 feet (Mixon, Berquist, and others, 1989).

Observations made during well installation and soil boring activities identified the majority of the sediments as a mixture of unconsolidated sand, silt, and clay. Asphalt, concrete, and buildings cover the majority of the site surface. The general stratigraphy of the sediments located beneath the surface cover is characterized as: brown to gray sandy silty clay to a depth of approximately 3.0 feet below ground surface (bgs); light beige to gray fine to medium grained sand to approximately 8.0 feet bgs; and brown to gray silty fine grained sand to at least 12 feet bgs.



The monitoring well construction logs prepared by EMS illustrate the lithology and well construction details of monitoring wells designated as: MW-4, MW-5, MW-6, and MW-7. EMS monitoring well construction logs are included as Appendix D. For reference purposes, monitoring well construction logs designated as MW-1, MW-2, and MW-3 as prepared by McCallum are also included as Appendix D. Additional information regarding the monitoring wells is provided in Section 4.2 (Monitoring Well Installation).

### **2.3 Regional Hydrogeology**

The Coastal Plain hydrogeologic system includes a surficial unconfined water table aquifer and seven confined to semi-confined aquifers. Regionally, the Coastal Plain is comprised of unconsolidated sand, silt, and clay deposits, which can supply varying amounts of groundwater. Pleistocene deposits of the Windsor, Charles City, Chuckatuck, Shirley, and Tabb Formations comprise the Columbia Aquifer. The Columbia Aquifer is generally unconfined, however, clayey sediments within the aquifer may produce local confined or semi-confined conditions. The Columbia Aquifer is highly variable in thickness and may range from 30 to 80 feet. The Columbia Aquifer is used primarily as a domestic water supply (Meng and Harsh, 1988).

Directly beneath the Columbia Aquifer lies the upper confining unit of the Yorktown-Eastover aquifer, which has an average thickness of 25 feet to 35 feet and is composed of very fine sandy to silty clays. The Yorktown-Eastover Aquifer is predominantly composed of sandy deposits of the Yorktown Formation and serves as the primary source of groundwater in eastern sections of the Virginia Coastal Plain (Meng and Harsh, 1988).

The 56 mile wide CBIC has truncated the lower half of the seven aquifers and confining units described by Meng and Harsh, 1988. Major Pleistocene paleochannels exhibit course changes at the outer rim and turn into the crater. The paleochannels exit across the eastern side of the crater, which subsided at a faster rate, probably because of an underlying tectonic hinge zone. The configuration of the Chesapeake Bay and its tributaries resulted from the drowning of the Susquehanna River system during the Holocene, and the bay's location was greatly influenced by the differential compaction and subsidence of sediments in and over the crater (Powars and Bruce, 1999).

The discovery of the CBIC revealed the inadequacy of the layer-cake, multi-aquifer model currently being used to represent the groundwater system of the Virginia Coastal Plain. The existing hydrogeologic framework and groundwater models were built upon a geological framework that described the Virginia Coastal Plain as an eastward dipping and thickening wedge of unconsolidated sediments, readily subdivided into uniform, homogeneous aquifers and confining units. The discovery of the crater disrupted this scenario and raised many questions concerning the crater's possible effects on eastern Virginia's groundwater system, such as effects on the aquifer system's flow system, hydraulic properties, and geochemistry. The location and geometry of the outer rim of the crater beneath the lower York-James Peninsula are poorly understood, and additional data are needed to precisely locate and delineate the outer rim. Hydrogeologic data, such as flow direction, water quality, and permeability within the crater are

limited, and information about the depositional processes associated with such a large impact into water-saturated, unconsolidated sediments is sparse. As groundwater use increases in the Hampton Roads Region and public water utilities increasingly tap into brackish water aquifers as sources of drinking water, additional information about the CBIC will be needed for future management of these groundwater resources (Powars and Bruce, 1999).

## **2.4 Site Hydrogeology**

The nearest surface water bodies, identified as Eastern Branch of the Elizabeth River, Elizabeth River, and Hague are all located approximately 3,000 to 3,500 feet south, west, and northwest of the site, respectively (Figure 3). Based on historical map inspection, a former surface water body existed approximately 1,000 feet east of the site. This former surface water body would have flowed south into the Eastern Branch of the Elizabeth River, but was backfilled many years ago.

The monitoring wells installed for this investigation penetrate into the upper, unconfined water table aquifer. The surficial aquifer appears unconfined, indicating that the water table is free to rise and fall in response to seasonal variations in rainfall with respect to local recharge and discharge. Table 1 provides a summary of the groundwater level measurements collected by McCallum and EMS between the initial October 13, 2003 well gauging event and May 27, 2004 well gauging event. Based on well gauging data, the average on-site depth to groundwater was measured to range from 3.71 feet bgs in monitoring well MW-5 to 4.60 feet bgs in monitoring well MW-1 (Table 1).

On May 27, 2004, EMS conducted a Top-of-Casing (TOC) elevation survey to include monitoring wells MW-1 through MW-7. TOC elevation data was determined to within  $\pm 0.01$  feet using a tripod mounted level and graded survey rod. Table 1 provides the TOC elevation data for all on-site monitoring wells.

By gauging the water levels within the elevationally surveyed monitoring wells, a hydraulic gradient map was constructed from which the groundwater flow direction beneath the site was determined for the May 27, 2004 well gauging event (Figure 4). Relative groundwater elevation contours have been superimposed upon the site map to illustrate the potentiometric water table surface. Based on the down-gradient dip of the potentiometric water table surface as illustrated by the hydraulic gradient map, groundwater appears to flow to the south towards the Eastern Branch of the Elizabeth River.

### **2.4.1 Aquifer Characteristics**

In order to quantitatively analyze the transport of dissolved phase petroleum hydrocarbons through the water table aquifer, a calculation of groundwater velocity is required. The rate of groundwater flow, or the velocity of groundwater movement, beneath the site was determined by the following equation:

$$V = (K/n)(dh/dl)$$

where: n = estimated porosity factor = 35% (0.35);  
 dh/dl = water table gradient (feet/feet);  
 V = rate of groundwater flow (feet/day); and  
 K = hydraulic conductivity (feet/day).

Porosity (n) is defined as the part of the rock, or sediment media, that is void space. Porosity is expressed as a percentage of void space versus the total volume of the media. Porosity values for sedimentary materials range from 26% in fine sands to 60% in silt and clay (Domenico and Swartz, 1990). An estimated sediment porosity value of 35% equals n.

The groundwater gradient (dh/dl) across the site is illustrated as the potentiometric / water table surface (Figure 4). Groundwater gradient equals the change in water table elevation divided by a distance where groundwater flow takes place from high to low potential. Distance is measured in the down-gradient direction. Monitoring well MW-5 is located approximately 77.25 feet down-gradient of monitoring well MW-7. A water elevation of 6.65 feet for MW-7 minus the water elevation of 6.32 feet for MW-5 equals a change of 0.33 feet (Table 1). Subsequently, a groundwater gradient of  $4.27 \times 10^{-3}$  feet/feet was calculated between monitoring wells MW-7 and MW-5 for the May 27, 2004 gauging event.

On May 18, 2004, EMS conducted rising-head permeability tests (slug-out test) in monitoring well MW-5 to determine the approximate hydraulic conductivity (K) of the unconfined water table aquifer. The slug-out test was accomplished by withdrawing a volume (or slug) of water from the well. A vacuum truck and PVC-constructed stinger were used to evacuate groundwater from within the well. Once a lower water level was attained within the test well, the rate of groundwater recovery was measured at specific time intervals using an oil/water interface probe and chronometer. Hydraulic conductivity was then calculated using the Bouwer-Rice solution for an unconfined aquifer by computer analysis via AQTESOLV™ Version 2.5, as written by Duffield and Rumbaugh, 1989 (Appendix E). According to the AQTESOLV™ instructions, “for most slug tests, one should use visual matching to obtain the most meaningful estimate of hydraulic conductivity with the Bouwer-Rice solution because visual matching gives you greater control over the range of data that you want to match with a straight line.” Subsequently, visual matching was used to determine hydraulic conductivity instead of the automatic matching provided by the computer program. The following describes the values used to estimate groundwater flow velocity.

Hydraulic conductivity (K) is defined as the discharge of water through a cross-sectional area of an aquifer under a unit hydraulic gradient. A hydraulic conductivity for monitoring well MW-5 was determined by AQTESOLV™ to be  $1.58 \times 10^{-5}$  feet/second. If hydraulic conductivity is multiplied by 86,400 seconds/day, then K equals 1.37 feet/day. The field data and computer generated test results are presented as Appendix E.

Using the above values and recorded measurements, groundwater flow velocity was calculated to equal:

$$\begin{aligned}
 V &= (K/n)(dh/dl) \\
 &= (1.37 \text{ feet/day} / 0.35) (4.27 \times 10^{-3} \text{ feet/foot}) \\
 V &= 1.67 \times 10^{-2} \text{ feet/day or } 6.10 \text{ feet/year}
 \end{aligned}$$

As noted above, the rate of groundwater flow velocity (V) beneath the site was calculated to be  $1.67 \times 10^{-2}$  feet/day. If  $1.67 \times 10^{-2}$  feet/day is multiplied by 365.25 days/year, then V equals 6.10 feet/year. Based on the calculated groundwater flow from the May 27, 2004 gauging event, it would mathematically take approximately 492 years before groundwater from the site would reach the nearest down-gradient surface water body (Eastern Branch of the Elizabeth River) located approximately 3,000 feet south of the site.

Fluctuations in groundwater flow direction, gradient, and velocity can occur at the site and are typically attributed to variations in the subsurface materials located beneath the site or seasonal variations in recharge and discharge. Underground utilities and backfill materials may alter groundwater characteristics. It should also be noted that the velocities of dissolved phase petroleum hydrocarbon constituents are generally lower than groundwater velocity due to the effects of dispersion, biodegradation, and adsorption/retardation. However, some petroleum constituents, such as Methyl Tertiary Butyl Ether (MTBE), have high solubility values and may tend to migrate with groundwater flow with minimal dispersion, biodegradation, and adsorption effects to organic matter. Processes such as variation in geologic and lithologic conditions, organic carbon content, dilution, natural attenuation, and biodegradation may also affect the transport and migration of petroleum hydrocarbon compounds.

### 3.0 INVESTIGATIVE METHODS

Investigative methods for this SCR phase of the environmental investigation included the following: site history research; installation of four additional groundwater monitoring wells (MW-4 through MW-7); collection of five soil samples (MW-4 through MW-7 and Disp-1); PID field screening; monitoring well development using a vacuum truck; disposal of 96 gallons of petroleum impacted soil; collection of six groundwater samples (MW-2 through MW-7); laboratory analyses; one top-of-casing (TOC) survey event; one hydraulic conductivity test; three monitoring well gauging and manual bailing events; performance of a 1,320-foot radius sensitive receptor survey; and SCR report preparation were performed for the SCR. Off-site disposal of three 55-gallon capacity drums of the soil cuttings is scheduled for next week.

As required, Miss Utility of Virginia was contacted regarding underground utility clearance. Prior to soil boring and well installation, Miss Utility responded to the request and located one nearby subsurface natural gas line. The Miss Utility disposition ticket is provided as Appendix F.

Soil boring activities enable the collection of soil samples and assist with the horizontal delineation of the adsorbed and vapor phase petroleum hydrocarbons. Monitoring well installation activities enable the collection of groundwater samples and assist with the horizontal delineation of the dissolved and free phase petroleum hydrocarbons.

### **3.1 Soil Field Screening**

Certain constituents of petroleum products are volatile. The vapor pressure of the individual compounds in petroleum determines how readily those compounds will volatilize. When these compounds volatilize, they can travel through the unsaturated zone in the direction of least flow resistance. Vapor phase transport generally migrates in a radial pattern away from the point of release. Often underground utilities can serve as conduits for vapor phase transport. The presence of Volatile Organic Compounds (VOCs) within the soil column was evaluated using a pre-calibrated Microtip 1000 Photoionization Detector (PID) during the installation of monitoring wells MW-4 through MW-7.

Soil samples collected during soil boring activities were divided into two portions. One portion of the soil sample was placed into a separate disposable resealable plastic bag for VOC field screening using a PID. The other portion of the soil sample was containerized and placed into a cooler pre-chilled with ice for laboratory analyses. Soil field screening was performed using a PID after allowing VOCs to equilibrate in the headspace of the sealed plastic bag for a minimum of fifteen minutes. The PID probe tip was inserted into the bag for headspace analysis. The highest VOC concentration was recorded for each soil sample. Results of the PID field screening activities are discussed in Section 4.2 (Vapor Phase Hydrocarbons).

### **3.2 Soil Borings and Soil Sampling**

Previous soil sampling and boring activities were conducted on-site. A discussion of previous sampling and boring activities is provided in this report. Soil sampling was previously conducted by McCallum for the UST Closure Report and Initial Abatement Measures Report.

On April 14, 2004, soil samples identified as MW-4, MW-5, MW-6, and MW-7 were collected during soil boring activities. Soil samples designations correspond to their respective monitoring well locations. Following sample collection, soil borings MW-4 through MW-7 were converted into groundwater monitoring wells identified as MW-4 through MW-7, respectively (Figure 2).

The soils encountered from the soil borings were visually and texturally classified according to American Society of Testing and Materials (ASTM) D2488-90. Soil samples were collected using the split-spoon collection method. Soil samples submitted for laboratory analyses were collected above the water table interface at depths ranging from 2.5 to 4.5 feet bgs. Disposable latex gloves were used to inspect and collect the soil samples for future laboratory analyses. Laboratory analytical results are discussed in Section 4.3 (Adsorbed Phase Hydrocarbons).

### **3.3 Monitoring Well Installation**

Previous monitoring well installation activities were conducted on-site. A detailed discussion of previous well installation is not provided in this report. However, well installation was conducted by McCallum for the Initial Abatement Measure Report. Monitoring wells MW-1 through MW-3 were installed on August 1, 2003.

Under the supervision of EMS, EnviroDrill, Inc. of Suffolk, installed four additional monitoring wells designated as MW-4, MW-5, MW-6, and MW-7. The monitoring wells were installed using an Acker AD2 Drill Rig equipped with 0.825-foot diameter hollow stem augers. Monitoring wells MW-4, MW-5, MW-6, and MW-7 were installed on April 14, 2004. Monitoring wells MW-4 through MW-7 penetrate the ground surface to a depth of approximately 12 feet. It should be noted that McCallum's monitoring wells MW-1 through MW-3 penetrate the ground surface to a depth of approximately 10 feet. On April 14, 2004 and April 15, 2004, EMS also supervised the installation of three manhole covers, gripper caps, and locks for monitoring wells MW-1 through MW-3 which were installed by McCallum without manhole covers, gripper caps, or locks.

The monitoring wells were installed to: define the natural hydraulic gradient of the water table; to evaluate the site for the presence of free phase hydrocarbons on the water table; and to facilitate the collection of groundwater samples. Monitoring wells MW-4 through MW-7 were constructed using 2-inch diameter 0.010-inch slotted Schedule 40 PVC screen and Schedule 40 PVC riser pipe. Medium grained #3 filter sand was poured into the borehole annulus following insertion of the coupled PVC well screen and casing. Benseal<sup>®</sup> was placed above the filter sand and hydrated with water to seal the borehole annulus above the screened interval. A protective 8-inch diameter bolt-down metal manhole set in concrete and an expandable locking well gripper cap were used to finish and secure the four EMS monitoring wells. An illustration of monitoring well construction details, as well as a graphic description of the soil boring column, are provided as Appendix D.

### **3.4 Groundwater Sampling**

Petroleum hydrocarbon compounds with high solubilities can dissolve into groundwater and be transported with groundwater movement. Dissolved phase hydrocarbons are assessed through the sampling and analyses of groundwater. Groundwater sampling was performed in order to provide quantitative concentration data for the presence of dissolved phase hydrocarbons in the groundwater.

To collect groundwater data representative of the subsurface, each monitoring well was developed using a plastic disposable bailer and nylon string. Well development was deemed complete when the purge water appeared to be absent of fine sediments. Prior to sample collection, the monitoring wells were purged of at least three well volumes and allowed to recover to approximately 95% of static groundwater elevation.

Following well development, the groundwater sample was poured from a clean disposable bailer into the pre-preserved laboratory supplied sample containers, placed in a cooler pre-chilled with ice, submitted for laboratory analyses with chain of custody documentation, sealed, and relinquished to a courier for delivery to Test America, Inc. located in Nashville, Tennessee. Groundwater quality results are discussed in Section 4.4 (Dissolved Phase Hydrocarbons).

### **3.5 Vacuum Truck Pump Out**

One 3-hour vacuum truck pump out event was conducted on May 18, 2004 to develop all seven monitoring wells and extract residual free product from monitoring well MW-1. An estimated total of approximately 96 gallons of petroleum impacted groundwater were generated for disposal by the vacuum truck event. The liquid disposal manifest generated by Cliff Berry, Inc. (CBI) of Portsmouth is provided as Appendix G. It should be noted that two sorbent wicks and/or hygroscopic rags were vacuum extracted from monitoring well MW-1 during the vacuum truck pump out event.

## **4.0 INVESTIGATIVE RESULTS**

Petroleum surface spills and underground releases are controlled by their physical and chemical properties as well as the environment into which they occurred. The combination of these factors may cause petroleum hydrocarbons to partition into four phases (free, vapor, adsorbed, and dissolved) in the subsurface environment. Petroleum hydrocarbons released into the environment typically migrate away from the point of the release. Vertical and horizontal transport of the petroleum hydrocarbons in the unsaturated zone can result in the accumulation of vapor phase hydrocarbons in subsurface void spaces and the adsorption of petroleum hydrocarbons to soil particles. Petroleum hydrocarbons may also accumulate on the water table surface as free phase petroleum hydrocarbons. In addition, petroleum hydrocarbons can dissolve into the groundwater. This SCR was designed to investigate all four petroleum hydrocarbon phases at the site.

### **4.1 Free Phase Hydrocarbons**

Petroleum hydrocarbons have a specific gravity of less than one and will therefore float on water. If a subsurface release is of sufficient quantity, the petroleum tends to accumulate on the water table, migrate away from the point of release, and gradually spread out across the water table as a thin film or measurable thickness floating on the water table. The presence of free phase hydrocarbons is typically gauged with an oil/water interface probe. The probe uses a combination of optical and conductivity sensors and is able to detect as little as 0.01 feet of free phase hydrocarbons on the water table. In addition, the presence of free phase hydrocarbons was evaluated by visual observations within the monitoring wells.

A total of three monitoring well gauging and manual bailing events were conducted for the SCR between March 13, 2004 and May 27, 2004. Free phase hydrocarbons were detected in monitoring wells MW-1, MW-2, MW-3, and MW-6. No measurable thicknesses of free phase hydrocarbons were detected within monitoring wells MW-4, MW-5, or MW-7 during performance of this SCR investigation. Figure 5 illustrates free product thickness data collected on May 27, 2004. Table 1 provides a summary of groundwater monitoring data.

#### **4.2 Vapor Phase Hydrocarbons**

Soil field screening with a PID detected vapor phase hydrocarbon concentrations during soil boring activities associated with the advancement of soil borings MW-4, MW-6, and MW-7. No VOC concentrations were detected in the soil sample scanned from soil boring MW-5. A VOC concentration of 0.9 parts per million (ppm) was detected in the soil sample scanned from soil boring MW-4 at a depth interval ranging from 3.5 to 4.5 feet bgs. A VOC concentration of 0.1 ppm was detected in the soil sample scanned from soil boring MW-6 at a depth interval ranging from 3.5 to 4.5 feet bgs. A VOC concentration of 0.6 ppm was detected in the soil sample scanned from soil boring MW-7 at a depth interval ranging from 3.5 to 4.0 feet bgs (Appendix D).

It should be noted that a PID provides only qualitative measurements of VOC concentrations. The presence of water vapor can cause the PID to display false readings, which may not be indicative of the actual concentrations of vapor phase hydrocarbons present in the soil.

#### **4.3 Adsorbed Phase Hydrocarbons**

As petroleum hydrocarbons migrate vertically through the soil horizons and horizontally along the subsurface, a percentage of the hydrocarbons may become adsorbed to soil particles. This process is particularly effective in soils with a high organic matter and/or clay content. The presence of adsorbed phase hydrocarbons is investigated through laboratory analyses of the soil samples.

The soil samples retained for laboratory analyses were placed in laboratory supplied sample containers, stored in a cooler chilled with ice for preservation, submitted for petroleum hydrocarbon analyses with chain of custody documentation, sealed, and relinquished to a courier for delivery to Test America, Inc. located in Nashville, Tennessee. The soil samples collected for laboratory analyses were analyzed for TPH by EPA Method 418.1. A total of four soil samples, designated as MW-4, MW-5, MW-6, and MW-7 were collected for laboratory analyses during soil boring activities conducted on April 14, 2004.

Laboratory analyses of soil samples MW-5 and MW-6 detected no TPH concentrations above the method detection limit. Laboratory analysis of soil sample MW-4 detected 17,400 milligrams per kilogram (mg/Kg) of TPH. Laboratory analysis of soil sample MW-7 detected 15.2 mg/Kg of TPH. Table 2 summarizes the laboratory analytical results for the four aforementioned soil samples and McCallum soil samples identified as B-1, MW-1, MW-2, and MW-3. Figure 6



illustrates the location of soil samples and provides a summary of soil laboratory analytical results. The laboratory report and chain of custody documentation for the EMS soil samples are provided as Appendix H.

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#### **4.4 Dissolved Phase Hydrocarbons**

Petroleum hydrocarbon compounds with high solubilities can dissolve into groundwater and may be transported with groundwater movement. Dissolved phase hydrocarbons are assessed through the sampling and analyses of groundwater. Groundwater sampling was performed in order to provide quantitative concentration data for the presence of dissolved phase hydrocarbons in the groundwater.

On May 18, 2004, EMS collected groundwater samples from monitoring wells MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7. Groundwater was not collected from monitoring well MW-1 due to the presence of free phase hydrocarbons. The collected groundwater samples were analyzed for TPH by EPA Method 418.1. Groundwater sample designations correspond to their respective monitoring well locations. Monitoring wells with free product were not sampled for dissolved phase hydrocarbon concentrations.

Laboratory analyses of groundwater sample MW-2 detected a TPH concentration of 0.428 milligrams per liter (mg/L). Laboratory analyses of groundwater sample MW-3 detected a TPH concentration of 34.800 mg/L. Laboratory analyses of groundwater sample MW-4 detected a TPH concentration of 0.259 mg/L. Laboratory analyses of groundwater sample MW-5 detected a TPH concentration of 0.129 mg/L. Laboratory analyses of groundwater sample MW-6 detected a TPH concentration of 0.106 mg/L. Laboratory analyses of groundwater sample MW-7 detected a TPH concentration of 0.166 mg/L. Table 3 summarizes the laboratory analytical results for the groundwater samples collected on May 18, 2004. Figure 7 illustrates the location of the groundwater samples and provides a summary of groundwater laboratory analytical results. The laboratory report and chain of custody documentation for the soil samples are provided as Appendix H.

#### **4.5 Vertical and Lateral Extent of Petroleum Hydrocarbons**

The four phases of petroleum hydrocarbons discussed above will tend to migrate away from the point of release. Vertical and/or horizontal transport of petroleum hydrocarbons through the unsaturated zone can result in the following: the accumulation of vapor phase hydrocarbons in the void spaces of the substrate; the adsorption of hydrocarbons to soil particles; the dissolution of hydrocarbons into the groundwater; and the accumulation of free phase hydrocarbons on the water table.

Vertical migration of hydrocarbons through the groundwater can occur if the hydrocarbon constituents are drawn downward by a hydraulic gradient or are allowed sufficient time to descend into the water table aquifer. A Type III monitoring well for vertical delineation was not

installed for this portion of the environmental investigation. Therefore, the vertical extent of the petroleum hydrocarbon plume is unknown. Given the type and nature of petroleum hydrocarbons released from the UST system and the hydrogeologic conditions of the site, it is unlikely that dissolved phase hydrocarbons would vertically migrate deep below the surface of the groundwater table.

Horizontal transport of free, vapor, adsorbed, and dissolved phase hydrocarbons has occurred at the site. Based on the results of this investigation, the released free phase petroleum hydrocarbons appear to be migrating from the former used oil UST location to the east and south in the direction of monitoring wells MW-2, MW-3, and MW-6. Adsorbed and dissolved phase petroleum hydrocarbons appear to be migrating from the former used oil UST location in all directions (Figures 6 and 7).

## **5.0 RISK ASSESSMENT**

The risk assessment evaluates risks to humans and environmental receptors posed by the subsurface petroleum release. As part of the risk assessment, impacted and potentially impacted sensitive receptors are identified. The potential receptor survey was performed by EMS on May 27, 2004 to locate potable water wells, non-potable water wells, surface water bodies, basements, and other subsurface structures within a 1,320-foot radius of the site (Figure 3). The following sections review and evaluate existing and potential risk to humans and identified sensitive receptors.

### **5.1 Demographics**

The site is located in a commercial shopping center and business area within the downtown portion of the City of Norfolk. Based on the Population Estimates for July 1, 1999 provided by the U.S. Census Bureau, the population of Norfolk is 225,875. Commercial businesses and offices are primarily located within 1,320 feet of the site. Young Park and Tidewater Park, low-income assisted living communities, are located approximately 1,000 feet north and 600 feet southeast of the site, respectively. Based on a limited survey, the population working within 1,320 feet of the site is estimated to be approximately 1,000 to 2,000 people. The population residing within 1,320 feet of the site is estimated to be approximately 200 to 300 people.

### **5.2 Impacted and Potentially Impacted Receptors**

A total of eight potential sensitive receptors were identified during the performance of the receptor survey (Figure 3 and Table 4). Seven groundwater monitoring wells are located on-site (Receptor I.D. #1). Two floor drains are located inside the repair bays (Receptor I.D. #2). Two hydraulic lifts are located inside the repair bays (Receptor I.D. #3). Subsurface water, sewer, electric, and natural gas utilities are located approximately 12 to 15 feet north of the site

(Receptor I.D. #4). Stormwater drop inlets and drainage system are located approximately 255 feet south of the site (Receptor I.D. #5). Two basements were identified approximately 1,000 feet west of the site (Receptor I.Ds. #6 and #7). The nearest surface water body is the Eastern Branch of the Elizabeth River located approximately 3,000 feet south of the site (Receptor I.D. #8). Table 4 provides information regarding the location, type of receptor, address, hydraulic position from the source area, direction, and approximate distance to the identified sensitive receptors.

To date, there have been no reports of petroleum hydrocarbons emanating from any potential receptors, subsurface structures, or subsurface utilities located within 1,320 feet of the site as a result of this release, except for four of the seven on-site groundwater monitoring wells.

### **5.2.1 Potable Water Wells as Potential Receptors**

The site and surrounding area are supplied with drinking water by the City of Norfolk. No active potable water wells were located on-site or within 1,320 feet of the site.

### **5.2.2 Non-Potable Wells as Potential Receptors**

Seven on-site groundwater monitoring wells are located within 40 feet of the former used oil UST (Receptor I.D. No 1). These monitoring wells were installed for this environmental investigation and are identified as potential and existing receptors of petroleum hydrocarbons. Free phase, dissolved phase, and vapor phase hydrocarbons can and have accumulated within several of these monitoring wells.

### **5.2.3 Surface Waters as Potential Receptors**

The nearest surface water bodies (identified as Eastern Branch of the Elizabeth River, Elizabeth River, and Hague) are all located approximately 3,000 to 3,500 feet south, west, and northwest of the site, respectively. These three nearby bodies of surface water are used for recreation, transportation, drainage, and other commercial and industrial purposes and not as sources for potable water. These surface water bodies are tidally influenced and composed of brackish to saline water. For this investigation, the nearest surface water body is the Eastern Branch of the Elizabeth River located approximately 3,000 feet south of the site (Receptor I.D. No 8).

Based on the down-gradient dip of the potentiometric water table surface as illustrated by the hydraulic gradient map (Figure 4), groundwater appears to flow to the south. The nearest down-gradient surface water body is the Eastern Branch of the Elizabeth River located approximately 3,000 feet south of the site.

#### **5.2.4 Basements and Other Subsurface Structures as Potential Receptors**

Basements and other subsurface structures can serve as potential receptors for subsurface petroleum hydrocarbons. Two basements were identified during the performance of the 1,320-foot radius potential sensitive receptor survey. Hampton Roads Chamber of Commerce, located at 420 Bank Street, maintains one basement (Receptor I.D. #6). Chrysler Hall, located at 201 East Brambleton Avenue maintains one basement (Receptor I.D. #7). To date, there have been no reports of petroleum hydrocarbons emanating from either basement as a result of this release.

Other subsurface structures such as subsurface utilities, building foundations, and areas of fill or excavation, can be potential receptors and act as potential migration routes for subsurface petroleum hydrocarbons. Two floor drains are located inside the repair bays (Receptor I.D. #2). The location of the subsurface conduit associated with the floor drains is currently unknown, but appears to drain to the north in the direction of the sanitary sewer system. Two hydraulic lifts are located inside the repair bays (Receptor I.D. #3). Hydraulic lifts are subsurface structures that may or may not contribute to the existing release of petroleum hydrocarbons. Subsurface water, sewer, electric, and natural gas utilities are located approximately 12 to 15 feet north of the site (Receptor I.D. #4). These nearby subsurface utilities appear to enter the shopping center from Wood Street to the north. Stormwater drop inlets and drainage conduit system are located approximately 255 feet south of the site (Receptor I.D. #5). As previously noted, storm water and surface water run-off from the site flow overland toward the south, across an asphalt-paved parking lot, before entering drop inlets located approximately 255 feet south of the site. Surface water entering the drop inlets appear to flow toward the south and/or west which eventually drain into the Eastern Branch of the Elizabeth River.

It should be noted that depths to these subsurface utilities are currently unknown, but typically range from approximately two to ten feet bgs. Based on previous historical development at the site, remnant subsurface utilities and conduits, former building foundations, and/or other below ground structures may exist beneath the site surface.

#### **5.3 Evaluation of Existing and Potential Risk**

This environmental investigation was conducted in response to the detection of a subsurface release of petroleum hydrocarbons during the performance of a UST closure assessment conducted by McCallum in May 2003. Vapor, adsorbed, dissolved, and free phase hydrocarbons were detected in the soil and groundwater at the site. A description of the history of the petroleum release is presented in Section 1.3 (Site History). To date, there have been no reports of petroleum hydrocarbons emanating from any potential receptors, subsurface structures, or subsurface utilities located within 1,320 feet of the site as a result of this release except for four of the seven on-site groundwater monitoring wells.

The existing risk to sensitive receptors as a result of petroleum hydrocarbons detected at the site during this investigation is estimated to be moderate. This determination is based on: UST closure; well gauging and manual bailing data of recurrent free phase hydrocarbons; the detected

concentrations of adsorbed, vapor, and dissolved phase hydrocarbons; and aforementioned risk assessment.

Significant free phase hydrocarbon thicknesses and dissolved phase concentrations may continue to migrate away from the site. Based on the results of this investigation, the free phase hydrocarbon plume appears to be located beneath the concrete slab-on-grade building foundation. The dissolved and adsorbed phase subsurface release may potentially impact subsurface utilities, building foundations, or areas of fill or excavation. No significant concentrations of vapor phase hydrocarbons have been detected at the site. Subsequently, a moderate potential risk evaluation appears warranted for this site.

To minimize the existing and potential risks to the public health, monitoring and sampling of the on-site wells should only be performed by trained personnel. To minimize the existing risk to the public, all monitoring wells are secured with expandable, locking gripper caps, and locks. It should also be noted that if any trenching and/or excavation activities are performed in the immediate area of the site, petroleum impacted soil and groundwater may be discovered. Impacted soil and groundwater should be properly managed and disposed of, if encountered. Based on an existing source of non-petroleum impacted drinking water, provisions for an alternative drinking water supply have not been considered.

#### **5.4 Exposure to Hydrocarbons**

The most common forms of hydrocarbon exposure are ingestion, dermal contact, inhalation, and sustenance transfer and/or bioaccumulation through the food chain. The potential risk associated with each of these exposure routes is discussed below. Appendix I provides supplemental information regarding hydrocarbon properties, toxicity characteristics, and exposure pathways (ACGIH, 1988).

Ingestion of dissolved phase hydrocarbons is unlikely since the monitoring well caps are locked and access is limited. The potential risk of exposure from dissolved phase hydrocarbons in the drinking water appears non-existent based on the fact that drinking water is supplied to the area by the City of Norfolk public water supply system. No potable water wells were identified during the performance of a 1,320-foot radius potential sensitive receptor survey.

Dermal contact or ingestion of soil containing adsorbed phase hydrocarbons could occur if the site were to undergo trenching and/or excavation. The potential risk for dermal contact by adsorbed phase hydrocarbons is considered low based on a surface cover of concrete, asphalt, and building. However, if the subsurface soils are disturbed, the potential risk for dermal contact is considered moderate based on the depth to petroleum impacted soil and the petroleum hydrocarbon concentrations detected during the site assessment.

Inhalation of hydrocarbon vapors is a potential and existing risk to human health. Hydrocarbon vapor movement is pressure induced and is generally toward the ground surface. Low VOC concentrations were detected during the soil quality assessment. However, moderate risk

evaluation for the inhalation of hydrocarbon vapors exists for the site since free product continues to recur in several on-site monitoring wells. Hydrocarbon vapors are present and accumulate in the headspace of the monitoring wells. Therefore, only trained personnel have keys to the locked groundwater monitoring wells, which reduces the potential risk to public health. A moderate risk evaluation for the inhalation of hydrocarbon vapors exists for the on-site monitoring wells.

Exposure to hydrocarbons due to sustenance transfer and/or bioaccumulation is considered low. No farms or areas suitable for hunting were noted during the performance of the 1,320-foot radius potential sensitive receptor survey. In addition, the nearby surface water bodies are used for recreation, transportation, drainage, and other commercial and industrial purposes and not as sources for potable water. These surface water bodies are tidally influenced and composed of brackish to saline water.

## **6.0 REMEDIATION ASSESSMENT**

This remediation assessment describes potential methods of remediation applicable to site conditions, projected cost, and any recommendations for implementing a site remediation, monitoring, and sampling program. Free, adsorbed, vapor, and dissolved phase hydrocarbon concentrations were detected during this SCR investigation. Based on the site characterization assessment, a moderate risk free phase subsurface plume of released petroleum hydrocarbons has been identified at monitoring wells MW-1, MW-2, MW-3, and MW-6. Concentrations of dissolved phase hydrocarbons have been detected at monitoring wells MW-1 through MW-7. Significant concentrations of adsorbed phase hydrocarbons were detected in the immediate vicinity of the former used oil UST at the site.

Further investigation and active remediation is recommended. Active methods of hydrocarbon remediation are discussed below in the following sections. Passive remediation of petroleum hydrocarbons involves natural attenuation and biodegradation. This type of remediation may require continued periodic monitoring and sampling of the soil and groundwater for petroleum hydrocarbons. Passive remediation is not recommended at this time based on: the presence of free phase hydrocarbons; the detected dissolved phase hydrocarbon concentrations; and risk assessment.

### **6.1 Descriptions and Evaluation of Applicable Methods**

The following discussion of petroleum hydrocarbon remediation is only a general description of the possible methods and economically feasible technologies that could address site remediation. The immediate and future beneficial results for each of the referenced methods and technologies are directed toward the remediation of one or more specific hydrocarbon phases. Further information regarding site-specific lithologic and hydrogeologic conditions may be required in order to recommend a remediation program to include appropriate technologies with time frames

for the accomplishment of active site remediation to specific soil and groundwater quality standards.

### **6.1.1 Free Phase Hydrocarbon Remediation**

Several options are available for free phase hydrocarbon removal including manual bailing, the deployment of sorbent wicks, the installation of passive skimmers, the operation of an automated skimmer system, free phase hydrocarbon removal using a vacuum truck, and/or the installation of a soil vapor extraction system.

Manual bailing of free phase hydrocarbons is typically performed using a dedicated three-foot long polyethylene bailer and nylon string. The bailer is lowered into the monitoring well. As the bailer enters the liquid surface, free phase hydrocarbons floating on the water table enter the bailer. Upon removal of the bailer, a ball check valve captures the free phase hydrocarbons inside the bailer. The bailer is then lifted to the surface and emptied into a vented liquid recovery drum stored on-site. This process is repeated as necessary. Manual bailing should only be performed by trained personnel. Well gauging and manual bailing may be considered a viable remediation technology.

Sorbent wicks can be used to recover free phase hydrocarbons from on-site wells that contain minimal thicknesses of free phase hydrocarbons. Wicking is recommended for petroleum sheens, film, and minimal thicknesses (sheen to 0.10 feet) of free phase hydrocarbons. Saturated sorbent wicks should be properly labeled, manifested, stored, transported, and disposed of in accordance with regulatory guidelines and procedures. Sorbent wicking was performed by McCallum during the Initial Abatement phase. Sorbent wicking may be considered a viable remediation technology.

Passive skimming is performed by inserting a selective oil skimmer device into the monitoring well. The passive skimmer is secured at a fixed location strattling the product/water elevation interface. The screened interval of the selective oil skimmer device floats at the product/water elevation interface and is hydrophobic only allowing oil to enter the attached liquid collection canister. During site monitoring events, the selective oil skimmer unit is removed from the well. Free phase hydrocarbons are removed from the collection canister and emptied into a recovery drum. Passive skimming is recommended for minimal thicknesses (0.01 to 0.10 feet) of free phase hydrocarbons. Passive oil skimming may be considered a viable remediation technology. However, the apparent viscosity of the released used oil should be assessed in order in consider passive skimming as viable.

An automated skimmer system is designed to operate continuously. Typical skimmer systems operate using selective oil/water skimmer unit(s), pump, compressor, off/on timer, and recovery drum. The automated system would be contained within a low-profile waterproof lock box or fabricated system enclosure located near the impacted well(s). The selective oil skimmer is secured at a fixed location strattling the product/water elevation interface. The screened interval of the selective oil skimmer device floats at the product/water elevation interface. Free phase hydrocarbons enter the selective oil skimmer device and are pumped directly into a recovery

drum. These systems are designed to require little attention or maintenance, but should be periodically inspected for optimum operation. An existing monitoring well or the installation of a recovery well would be used to recover free phase hydrocarbons from the subsurface source area. The installation and operation of an electrically powered automated free phase hydrocarbon skimmer system may be considered a viable remediation technology.

Free phase hydrocarbon removal using a vacuum truck is performed to pump out free phase hydrocarbons, petroleum impacted groundwater, and vapor phase hydrocarbons. A down-well stinger and coupler are used to seal the wellhead in order to apply vacuum pressure to the impacted well. Vacuum truck activities remove: free phase hydrocarbons floating on the water table; vapor phase hydrocarbons from the vadose zone and capillary fringe; and petroleum impacted groundwater from the unconfined shallow water table aquifer. Free phase hydrocarbon removal using a vacuum truck may be considered a viable remediation technology.

### **6.1.2 Dissolved Phase Hydrocarbon Remediation**

Dissolved phase hydrocarbons concentrations may be remediated by pump and treat methods, whereby, groundwater is pumped through a treatment system that removes hydrocarbons present in the groundwater. Once treated, the groundwater is discharged into the environment, which may require a discharge permit. Based on the nature of the soils, the water table aquifer could provide sufficient yield to allow pump and treat technology to be a viable remediation option. Feasibility tests would be necessary to determine the potential effectiveness of pump and treat technology. Historically, the pump and treat method is slow and relies on flushing to remove petroleum hydrocarbons. The pump and treat method is typically not recommended. A pump test would be required to recommend this technology.

An alternative to the pump and treat method is air sparging in conjunction with vapor extraction. Air sparging is an active method of remediation that involves injecting ambient air into the groundwater that volatilizes the dissolved hydrocarbons. Once volatilized, a vapor extraction system (VES) can remove the hydrocarbons in the unsaturated zone. The increased oxygenation that results from air sparging stimulates the growth and activity of naturally occurring organisms, thereby enhancing natural biodegradation. Air sparging and vapor extraction are most effective on volatile organics such as gasoline. A feasibility test would be necessary to determine the effectiveness of air sparging for site remediation. Air sparging is not recommended until free phase hydrocarbons are removed from subsurface.

An alternative to air sparging is biosparging. Biosparging involves the injection of ambient air beneath the water table at a rate, which does not liberate volatiles. Biosparging also addresses dissolved, adsorbed, and vapor phase hydrocarbons. The goal of this remediation method is to increase microbial degradation using indigenous microbes above and below the water table. Sufficient oxygen is supplied to stimulate the growth, reproduction, and activity of naturally occurring microorganisms that degrade hydrocarbons. If necessary, nutrients may be added to further stimulate the organisms. Hydrocarbons of low volatility that are not easily vented can be



remediated in this manner. A step-impedance feasibility test would be necessary to determine the potential effectiveness of biosparging.

Implementation of down-well ORC applications may be used to enhance the biological remediation of free phase, dissolved phase, and adsorbed phase hydrocarbons for all impacted wells. ORC produces a slow and sustained release of molecular oxygen when in contact with soil moisture or groundwater. The application of ORC is used to accelerate the natural attenuation of petroleum compounds in groundwater.

Any additional technologies for dissolved phase hydrocarbon remediation have not been considered nor recommended for the remediation of the release.

### **6.1.3 Adsorbed and Vapor Phase Hydrocarbon Remediation**

An alternative to in-situ remediation of petroleum impacted soil is excavation and disposal. Prior to excavation, delineation of the adsorbed phase hydrocarbon plume should be accomplished at the site. Once the subsurface adsorbed phase hydrocarbon plume has been defined, the impacted soils may be removed using the excavator method. The excavated soils would be loaded and transported to a permitted disposal facility where incineration removes petroleum hydrocarbons from the soil. Based on soil analytical results from soil boring B-1 and the installation of monitoring wells MW-1 and MW-3, excavation appears practicable and cost effective once the existing building is demolished and concrete slab foundation are removed from the site.

Adsorbed phase hydrocarbons located above the water table and within the vadose zone can be remediated in-situ by soil venting. Soil venting involves the installation of a well with a screened interval that corresponds to the petroleum impacted soil horizon(s) and/or horizontal vapor extraction lines if the water table is shallow. Once installed, the annular space of the well is sealed just above the screened interval. A vacuum pump is then connected to the wellhead. By applying a vacuum to the well, a subsurface airflow is created which tends to volatilize adsorbed phase hydrocarbons and stimulates biodegradation, thus removing adsorbed and vapor phase hydrocarbons from the soil. The volume of hydrocarbon vapors that can be removed from the subsurface is a function of the volatility of specific petroleum hydrocarbon compounds, the initial adsorbed phase concentration, the amount of vacuum pressure applied to the vent wellhead, and permeability of the soil. The radius of influence of a single vapor extraction well can be field checked by measuring the pressure differential at various distances from the vapor extraction well. Multiple vapor extraction wells can be piped to a single vacuum pump to obtain the desired horizontal and vertical radius of influence. The increased oxygenation that results from soil venting stimulates the growth and activity of naturally occurring microorganisms thereby enhancing bio-degradational processes. Soil venting may have limited influence beneath the site due to the relatively shallow water table and the nature of the petroleum hydrocarbons released into the subsurface environment. Groundwater depression through pumping may enhance vapor extraction when a shallow water table is encountered. To date, soil venting feasibility studies have not been performed at the site.

An alternative in-situ remediation method is bioventing. Bioventing involves the injection of ambient air into the soil above the water table at a rate that does not liberate volatiles. The goal of this remediation method is to increase microbial degradation using indigenous microbes. Sufficient oxygen is supplied to stimulate the growth and activity of naturally occurring microorganisms that degrade hydrocarbons. If permitted, nutrients may be added to further stimulate the organisms. Hydrocarbons of low volatility that are not easily vented can be remediated by this method. To date, bioventing feasibility studies have not been performed at the site.

## **6.2 Projected Costs for Applicable Remediation Methods**

Projected costs for any applicable remediation method would be based on an estimated time frame for site remediation, available data concerning hydrocarbon concentrations detected beneath the site, and VDEQ remedial endpoints for each petroleum hydrocarbon phase. Prior to the installation and activation of any remediation system, feasibility studies should be conducted in order to ascertain the applicability of the potential remediation methods described in Section 6.1 (Description and Evaluation of Applicable Remediation Methods). Projected costs to determine the feasibility of alternative remedial methods are estimated to range from approximately \$5,000.00 to \$25,000.00. Costs for the installation, operation, and maintenance of a typical active remediation system can range from \$15,000.00 to \$150,000.00 per year.

At this time, site conditions warrant free phase hydrocarbon removal, additional groundwater monitoring and sampling, and report submittal. The projected cost for site free phase hydrocarbon removal, groundwater monitoring and sampling, and reporting is based on the site location, number of wells, laboratory analyses, personnel time, materials, and expendables used to conduct these activities. It is estimated that the cost for one site visit to include well gauging and manual bailing generally ranges from approximately \$150.00 to \$600.00. In addition, the preparation and submittal of periodic (i.e. monthly to quarterly) monitoring reports to the VDEQ is estimated to range from approximately \$300.00 to \$1,500.00 per reporting period. Estimated costs for the installation of additional monitoring wells generally ranges from \$1,000.00 to \$2,500.00 per well.

## **6.3 Summary**

SCR activities included the following: site history research; installation of four additional groundwater monitoring wells (MW-4 through MW-7); collection of five soil samples (MW-4 through MW-7 and Disp-1); PID field screening; monitoring well development using a vacuum truck; disposal of 96 gallons of petroleum impacted soil; collection of six groundwater samples (MW-2 through MW-7); laboratory analyses; one top-of-casing (TOC) survey event; one hydraulic conductivity test; three monitoring well gauging and manual bailing events; performance of a 1,320-foot radius sensitive receptor survey; and SCR report preparation were performed for the SCR. Off-site disposal of three 55-gallon capacity drums of the soil cuttings is scheduled for next week.

Free, adsorbed, vapor, and dissolved phase hydrocarbon concentrations were detected during this investigation. Based on the site characterization assessment, a moderate risk free phase subsurface plume of released petroleum hydrocarbons appears to be located beneath the concrete slab-on-grade foundation of the building. The dissolved and adsorbed phase subsurface release may potentially impact subsurface utilities, building foundations, or areas of fill or excavation. No significant concentrations of vapor phase hydrocarbons have been detected at the site. Subsequently, a moderate potential risk evaluation appears warranted for this site.

A potential receptor survey was performed on May 27, 2004 to locate potable water wells, non-potable water wells, surface water bodies, basements, and other subsurface structures within a 1,320-foot radius of the site. A total of eight potential sensitive receptors were identified during the performance of the receptor survey. Seven groundwater monitoring wells are located on-site (Receptor I.D. #1). Two floor drains are located inside the repair bays (Receptor I.D. #2). Two hydraulic lifts are located inside the repair bays (Receptor I.D. #3). Subsurface water, sewer, electric, and natural gas utilities are located approximately 12 to 15 feet north of the site (Receptor I.D. #4). Stormwater drop inlets and drainage system are located approximately 255 feet south of the site (Receptor I.D. #5). Two basements were identified approximately 1,000 feet west of the site (Receptor I.Ds. #6 and #7). The nearest surface water body is the Eastern Branch of the Elizabeth River located approximately 3,000 feet south of the site (Receptor I.D. #8). To date, there have been no reports of petroleum hydrocarbons emanating from any potential receptors, subsurface structures, or subsurface utilities located within 1,320 feet of the site as a result of this release except for four of the seven on-site groundwater monitoring wells.

Groundwater flow velocity was estimated to be approximately 6.10 feet/year to the south in the direction of the Eastern Branch of the Elizabeth River. Based on the calculated groundwater flow from the May 27, 2004 gauging event, it would mathematically take approximately 492 years before groundwater from the site would reach the nearest down-gradient surface water body (Eastern Branch of the Elizabeth River) located approximately 3,000 feet south of the site.

#### **6.4 Recommendations and Remediation Assessment Summary**

The reported source of the petroleum release (leaking used oil UST) has been closed in-place with a concrete backfill material. However, recurrent free phase hydrocarbons continue to exist on-site. In addition, significant dissolved and adsorbed phase hydrocarbon concentrations were detected in the groundwater and soil, respectively. Based on the results of this SCR, EMS recommends further environmental assessment and remediation of the site (Appendix J).

EMS recommends the following workscope:

- Install additional 2-inch diameter PVC monitoring wells to horizontally delineate the side and down gradient extent of the free, dissolved, and adsorbed phase hydrocarbon plumes. Collect soil samples from proposed monitoring wells for laboratory analyses of TPH. Perform a TOC resurvey of the proposed delineation wells.

they used  
carbonator  
cleaner to  
cut the oil  
found in the  
monitoring  
wells

- Further characterize the free phase hydrocarbons to include the collection of a free product sample from monitoring well MW-1 for laboratory analysis of Specific Gravity by EPA Method D1475.
- Further characterize the dissolved phase hydrocarbons to include the collection of annual groundwater samples from all monitoring wells without free phase hydrocarbons for laboratory analyses of TPH by EPA Method 418.1, Volatile Organic concentrations by EPA Method 8260B, Extractable (Semi-Volatile) Organic concentrations by EPA Method 8270C, and 8-RCRA Metals by EPA Methods 9090 and 8010.
- Conduct monthly well gauging events of existing monitoring wells to: collect groundwater level measurements; to further define the natural gradient of the water table; and to evaluate the wells for the presence of free phase hydrocarbons on the water table. Wells with free phase hydrocarbons should be manual bailed during the well gauging event.
- Perform quarterly free phase hydrocarbon removal using a vacuum truck. Vacuum truck activities remove: free phase hydrocarbons floating on the water table; vapor phase hydrocarbons from the vadose zone and capillary fringe; and petroleum impacted groundwater from the unconfined shallow water table aquifer. Due to the viscosity of the free phase hydrocarbons and results of the May 18, 2004 vacuum truck pump-out event, vacuum truck pump-outs of the monitoring wells with free product appear effective.
- Initiate the Post Site Characterization Monitoring phase and prepare quarterly monitoring and free product removal reports to the VDEQ documenting the removal of free phase hydrocarbons from the site. The report will also provide an evaluation for continued site monitoring, manual bailing, and vacuum truck activities, if warranted.
- Excavation and off-site disposal of adsorbed phase hydrocarbons appears practicable and cost effective once the existing building is demolished and concrete slab-on-grade foundation is removed from the site. Excavation of the petroleum impacted soils adjacent to the former used oil UST is recommended to occur during excavation, removal, and off-site disposal of the two hydraulic lifts located inside the repair bays. According to Norfolk City Attorney's Office, there are currently no existing plans to demolish the two-tenant building. It was reported that the City of Norfolk has entered into lease agreements with current Downtown Plaza Shopping Center tenants. These lease agreements were reported to include a vacate clause for current tenants to vacate the premises within six months. It was also reported that Norfolk City Council is the decision-making body who will decide if and/or when demolition and redevelopment of the two-tenant building and/or Downtown Plaza Shopping Center will occur.

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**TABLES**

TABLE 1. GROUNDWATER MONITORING DATA

Roland's Auto Service  
 42 Downtown Plaza Shopping Center, Norfolk, Virginia  
 Pollution Complaint No.: 03-5158  
 EMS Project No.: 8263

Well ID Gauging Date	MW-1 TOC = 10.74			MW-2 TOC = 10.20			MW-3 TOC = 10.70			MW-4 TOC = 10.84			MW-5 TOC = 10.00			MW-6 TOC = 10.62			MW-7 TOC = 10.35		
	Depth to Water	Product Thickness	Water* Elev. (ft.)	Depth to Water	Product Thickness	Water* Elev. (ft.)	Depth to Water	Product Thickness	Water* Elev. (ft.)	Depth to Water	Product Thickness	Water* Elev. (ft.)	Depth to Water	Product Thickness	Water* Elev. (ft.)	Depth to Water	Product Thickness	Water* Elev. (ft.)	Depth to Water	Product Thickness	Water* Elev. (ft.)
10/13/03	4.50	Yes	6.24	3.87	0.00	6.33	4.60	0.00	6.10	4.47	0.00	6.37	3.73	0.00	6.27	4.30	0.00	6.32	3.85	0.00	6.50
11/18/03	4.38	Yes**	6.36	NG	NG	6.87	3.83	0.00	6.87	4.37	0.00	6.47	3.68	0.00	6.32	4.24	0.01	6.39	3.70	0.00	6.65
12/11/03	4.88	No***	5.86	NG	NG	6.41	4.29	0.00	6.41	4.42	0.00	6.42	4.30	0.00	6.40	4.30	0.00	6.40	4.42	0.00	6.40
1/6/04	4.38	Yes	6.36	NG	NG	6.35	4.35	0.00	6.35	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40
3/13/04	5.13	0.77	6.30	3.70	0.00	6.50	4.30	0.00	6.40	4.39	0.00	6.37	4.39	0.00	6.37	4.39	0.01	6.39	4.30	0.00	6.40
5/18/04	4.61	0.32***	6.42	3.83	0.00	6.42	3.79	0.01	6.42	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40
5/27/04	4.29	0.02	6.47	3.80	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40	4.30	0.00	6.40
<b>Avg. Data</b>	<b>4.60</b>	<b>0.37</b>	<b>6.29</b>	<b>3.80</b>	<b>0.00</b>	<b>6.40</b>	<b>4.30</b>	<b>0.00</b>	<b>6.40</b>	<b>4.42</b>	<b>0.00</b>	<b>6.42</b>	<b>3.71</b>	<b>0.00</b>	<b>6.30</b>	<b>4.27</b>	<b>0.01</b>	<b>6.35</b>	<b>3.78</b>	<b>0.00</b>	<b>6.58</b>

Notes: Top of casing (TOC) well elevation (feet) survey was performed by EMS on 5/27/04.

Monitoring well MW-5 assumed arbitrary elevation of 10.00 feet NGVD.

All data measurements in feet.

Yes denotes free product detected, but thickness undetermined as the product coated the gauge.

\*Free product depth to water table correction factor (e.g. Specific Gravity)= 0.9 multiplied by product thickness (ft.).

\*\* denotes McCallum sorbent placed in well.

\*\*\* denotes sorbent saturated with petroleum - sorbent removed.

Well pump-out event using vacuum truck.

NG denotes monitoring well not gauged and/or dry and/or flooded.

**TABLE 2. SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS**  
**Roland's Auto Service**  
**42 Downtown Plaza Shopping Center, Norfolk, Virginia**  
**EMS Project No. 8263**

Well or Soil Boring I.D,	Sampling Date	Sampling Depth	Photoionization Detector (PID) Readings (ppm)	Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1 (mg/Kg)
B-1	5/16/03	4' - 6'	169	26,000
MW-1	8/1/03	4' - 6'	154	18,304
MW-2	8/1/03	4' - 6'	6	49.6
MW-3	8/1/03	4' - 6'	99	42,419
MW-4	4/14/04	3.5' - 4.5'	0.9	17,400
MW-5	4/14/04	2.5' - 3.5'	0.0	BDL
MW-6	4/14/04	3.5' - 4.5'	0.1	BDL
MW-7	4/14/04	3.5' - 4.0'	0.6	15.2

**Notes:** BDL denotes below detection limit as stated on analytical report.  
Soil results reported in milligrams per kilograms (mg/Kg).  
Sample analyses for Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1.



**TABLE 3. SUMMARY OF GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**Roland's Auto Service**  
**42 Downtown Plaza Shopping Center, Norfolk, Virginia**  
**EMS Project No. 8263**

Well or Soil Boring I.D.	Sample Date	Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1 (mg/L)
B-1	NS	NS
MW-1	8/1/03 5/18/04	2.4 Free Product
MW-2	8/1/03 5/18/04	0.8 0.428
MW-3	8/1/03 5/18/04	1.1 34.800
MW-4	5/18/04	0.259
MW-5	5/18/04	0.129
MW-6	5/18/04	0.106
MW-7	5/18/04	0.166

**Notes:** NS denotes not sampled.  
Free Product denotes free product in well and not sampled.  
Groundwater results reported in milligrams per liter (mg/L).  
Sample analyses for Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1.

**TABLE 4. TABLE OF POTENTIAL RECEPTORS WITHIN 1,320 FEET OF SOURCE AREA**

Roland's Auto Service

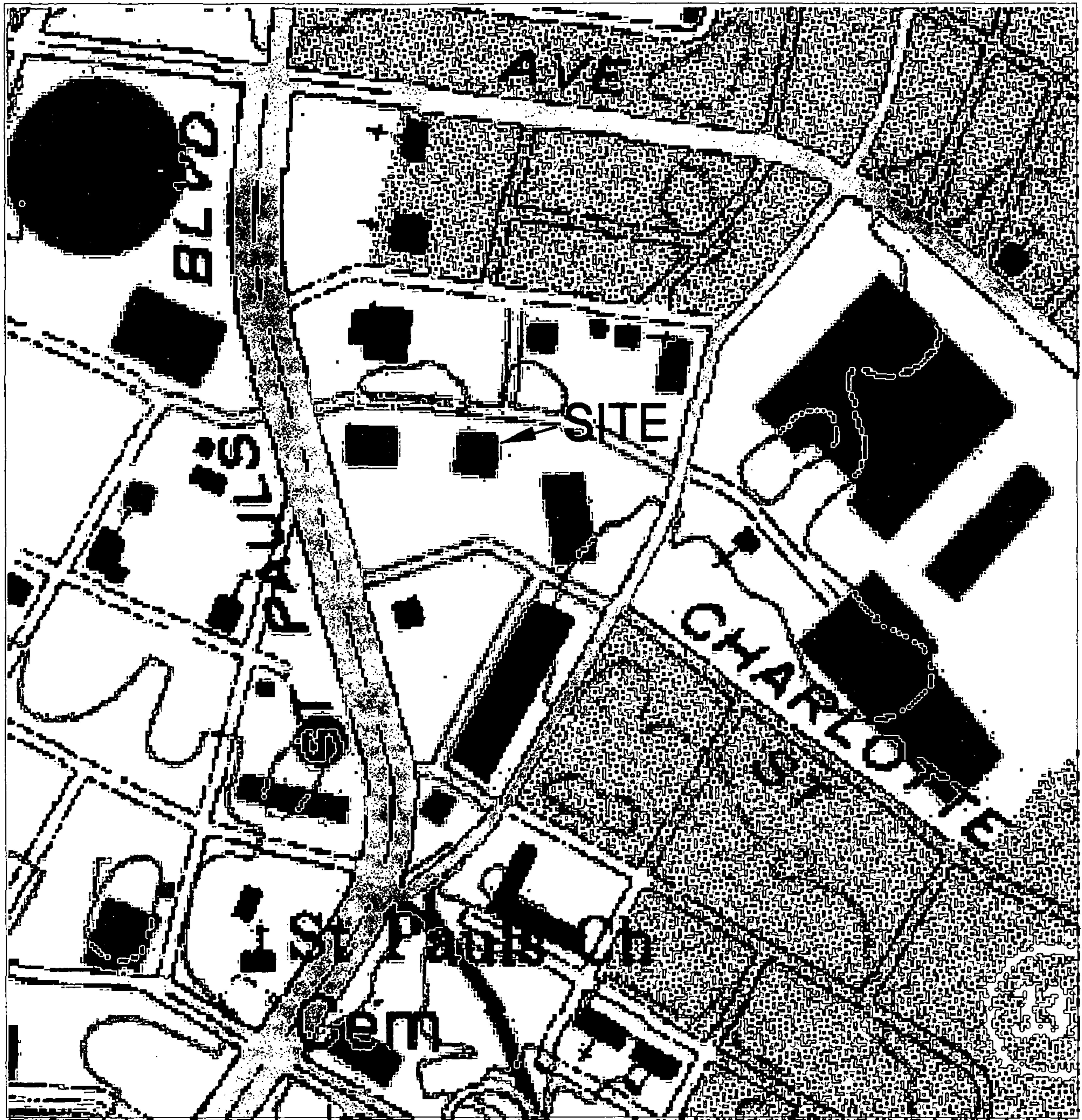
42 Downtown Plaza Shopping Center, Norfolk, Virginia

EMS Project No.: 8263

Receptor I.D. No.	Type of Potential Receptor	Location	Hydraulic Position from Source	Direction from Source / Plume	Approx. Distance (ft)	Additional Comments
1	Groundwater Monitoring Wells MW-1 thru MW-7	On-site	Adjoining Areas	Adjoining Areas	0 to 44	Existing and potential collection areas for released hydrocarbons
2	Floor Drains 1 and 2	Inside Repair Bays	Downgradient	South	15 and 47	Floor drains assumed to channel liquids to sanitary sewer system.
3	Subsurface Structure Hydraulic Lifts 1 and 2	Inside Repair Bays	Downgradient	South	15 and 30	One operational hydraulic lift system with two hydraulic lifts are currently in use.
4	Subsurface Utilities Water, Sewer, Electric and Natural Gas	North side of Roland's between Wood Street	Upgradient	North	12 to 15	Utilities enter building from north. One sanitary sewer vault noted near monitoring well MW-7.
5	Stormwater Drop Inlets and Drainage System	Downtown Plaza Shopping Center Parking Lots	Downgradient	South	255	Drainage flow is channelled away from the site toward the south and west.
6	Basement Hampton Roads Chamber of Commerce	420 Bank Street Norfolk, Virginia formerly Norfolk Academy	Sidegradient	West	950	Leaking tank site with monitoring wells.
7	Basement Chrysler Hall	201 East Brambleton Ave. Norfolk, Virginia	Upgradient	Northwest	1,050	Underground tank site.
8	Nearest Surface Water Eastern Branch of Elizabeth River	South and West of the Site	Down and Sidegradient	South and West	3,000 to 3,500	Tidally influenced and brackish. Not used for drinking water.

Notes: 1,320 foot radius potential receptor survey conducted on May 27, 2004.

**FIGURES**



KEY:



NOTES: MAP EXTRACTED FROM CHARTIFF GEO'S VIA FUGAWI.

SCALE 1 : 24,000

NGVD OF 1929

CONTOUR INTERVAL: 5 FEET

EMS PROJECT NO.: 8263

MODIFIED BY: PRY

DATE: MAY 17, 2004

**EMS**  
ENVIRONMENTAL, INC.

FIGURE 1: PORTION OF NORFOLK SOUTH, VIRGINIA USGS QUADRANGLE,  
7.5 MINUTE SERIES TOPOGRAPHIC MAP ILLUSTRATING THE SITE  
LOCATED AT 42 DOWNTOWN PLAZA SHOPPING CENTER, NORFOLK, VA.

**APPENDIX E:**

**RISING-HEAD PERMEABILITY TEST DATA**

## 8263 Spread Sheet for Slug Test Data Calculations

EMS-5, 5/18/04

Static Water Table (Depth to Water from TOC): 3.73  
 Maximun draw-down depth (start of slug test measurements) 6.10  
 Depth to Well Bottom (measured in field): 12

Initial Displacement (change in water level relative to static  
 water table condition) (G5-G4=): 2.37

Well Casing Radii:

1-inch = 0.0667 feet  
 2-inch = 0.17 feet  
 4-inch =  
 6-inch =

Borehole Radius:

Geoprobe Spoon = 0.1667 feet  
 Sm. Hand Auger = 0.27 feet  
 Lg. Hand Auger = 0.34 feet

Screen Length = Total length of screen interval for entire well. 10

Gravel Pack Porosity = Zero (0). 0

Water Column Height = Depth of well bottom to Static (G6-G4=) 8.27

Saturated Thickness = Estimated 20 feet for Coastal Plain.

Time (sec.)	Depth to Water (ft)	Displacement=Depth to Water - Static Water Table
1	6.10	2.37
5	6.00	2.27
15	5.90	2.17
25	5.80	2.07
40	5.70	1.97
45	5.65	1.92
50	5.60	1.87
65	5.50	1.77
80	5.40	1.67
95	5.30	1.57
110	5.15	1.42
140	5.00	1.27
155	4.95	1.22
170	4.85	1.12
180	4.80	1.07
190	4.75	1.02
200	4.70	0.97
215	4.65	0.92
230	4.60	0.87
245	4.55	0.82
260	4.50	0.77
275	4.45	0.72
290	4.40	0.67
305	4.35	0.62
335	4.30	0.57
365	4.25	0.52
400	4.20	0.47
440	4.15	0.42
485	4.10	0.37
575	4.05	0.32
690	4.00	0.27
910	3.95	0.22

Data Set: N:\Projects\8263\RolandSCR\MW-5.aqt

Title: Unconfined Aquifer Slug Test - MW-5

Date: 05/20/04

Time: 09:09:28

PROJECT INFORMATION

Company: EMS Environmental, Inc.

Project: 8263

Location: 42 Downtown Plaza

Test Date: 5/18/04

Test Well: MW-5

AQUIFER DATA

Saturated Thickness: 20. ft

Anisotropy Ratio (Kz/Kr): 1.

OBSERVATION WELL DATA

Number of observation wells: 1

Observation Well No. 1: MW-5

X Location: 0. ft

Y Location: 0. ft

No. of observations: 32

<u>Observation Data</u>					
<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
0.	2.37	140.	1.27	290.	0.67
5.	2.27	155.	1.22	305.	0.62
15.	2.17	170.	1.12	335.	0.57
25.	2.07	180.	1.07	365.	0.52
40.	1.97	190.	1.02	400.	0.47
45.	1.92	200.	0.97	440.	0.42
50.	1.87	215.	0.92	485.	0.37
65.	1.77	230.	0.87	575.	0.32
80.	1.67	245.	0.82	690.	0.27
95.	1.57	260.	0.77	910.	0.22
110.	1.42	275.	0.72		

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	1.445E-05	ft/sec
y0	2.326	ft

AUTOMATIC ESTIMATION RESULTSEstimated Parameters

<u>Parameter</u>	<u>Estimate</u>	<u>Std. Error</u>	
K	1.584E-05	3.016E-07	ft/sec
y0	2.309	0.02197	ft

Parameter Correlations

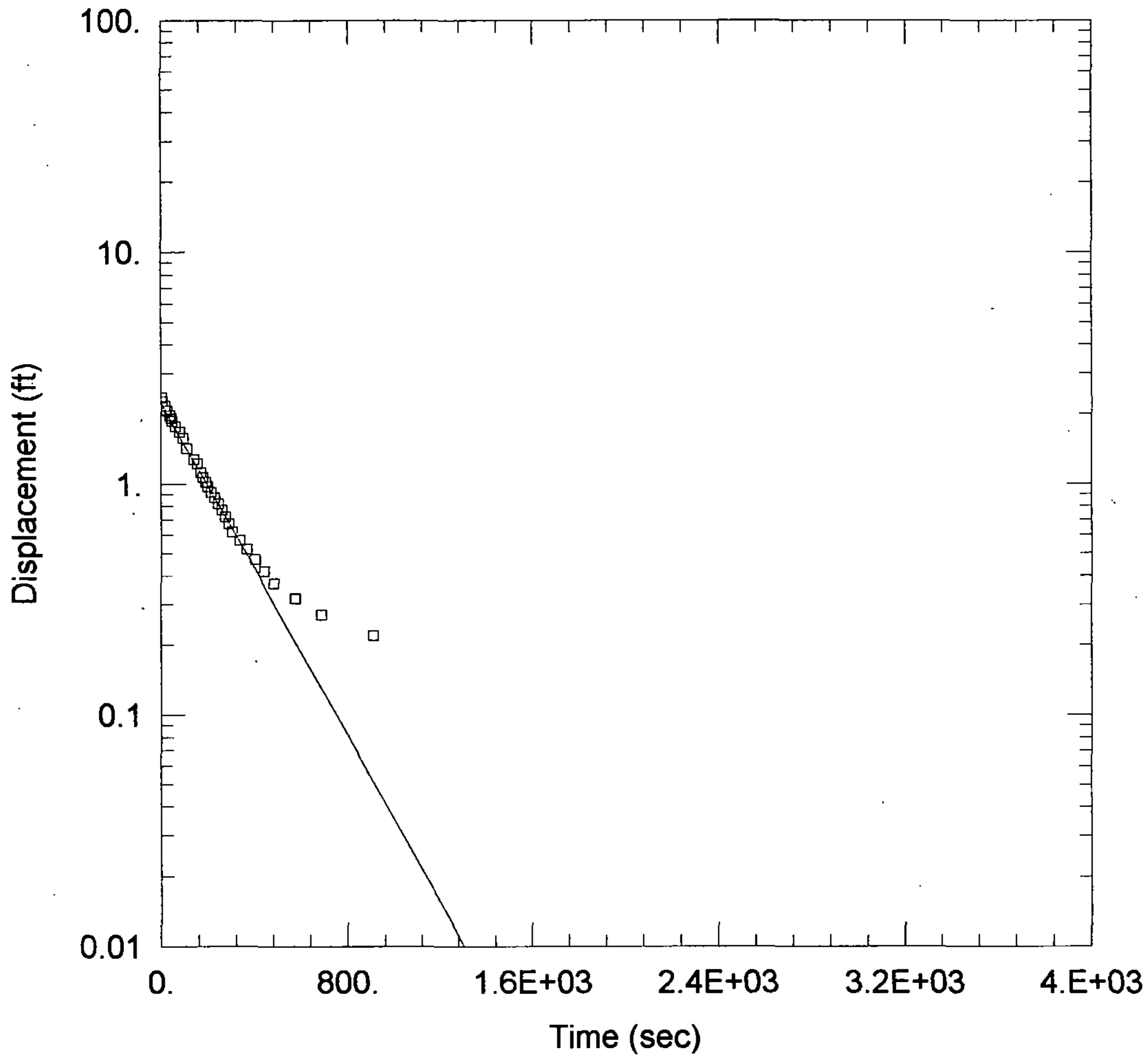
	<u>K</u>	<u>y0</u>
K	1.00	0.68
y0	0.68	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . 0.07929 ft<sup>2</sup>  
 Variance . . . . . 0.002643 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.05141 ft  
 Mean . . . . . 0.01076 ft  
 No. of Residuals . . . 32.  
 No. of Estimates . . . 2





UNCONFINED AQUIFER SLUG TEST - MW-5

Data Set: N:\Projects\8263\RolandSCR\MW-5.aqt

Date: 05/20/04

Time: 09:08:47

PROJECT INFORMATION

Company: EMS Environmental, Inc.

Project: 8263

Test Location: 42 Downtown Plaza

Test Well: MW-5

Test Date: 5/18/04

AQUIFER DATA

Saturated Thickness: 20. ft

Anisotropy Ratio ( $K_z/K_r$ ): 1.

WELL DATA (MW-5)

Initial Displacement: 2.37 ft

Water Column Height: 8.27 ft

Casing Radius: 0.17 ft

Wellbore Radius: 0.17 ft

Screen Length: 10. ft

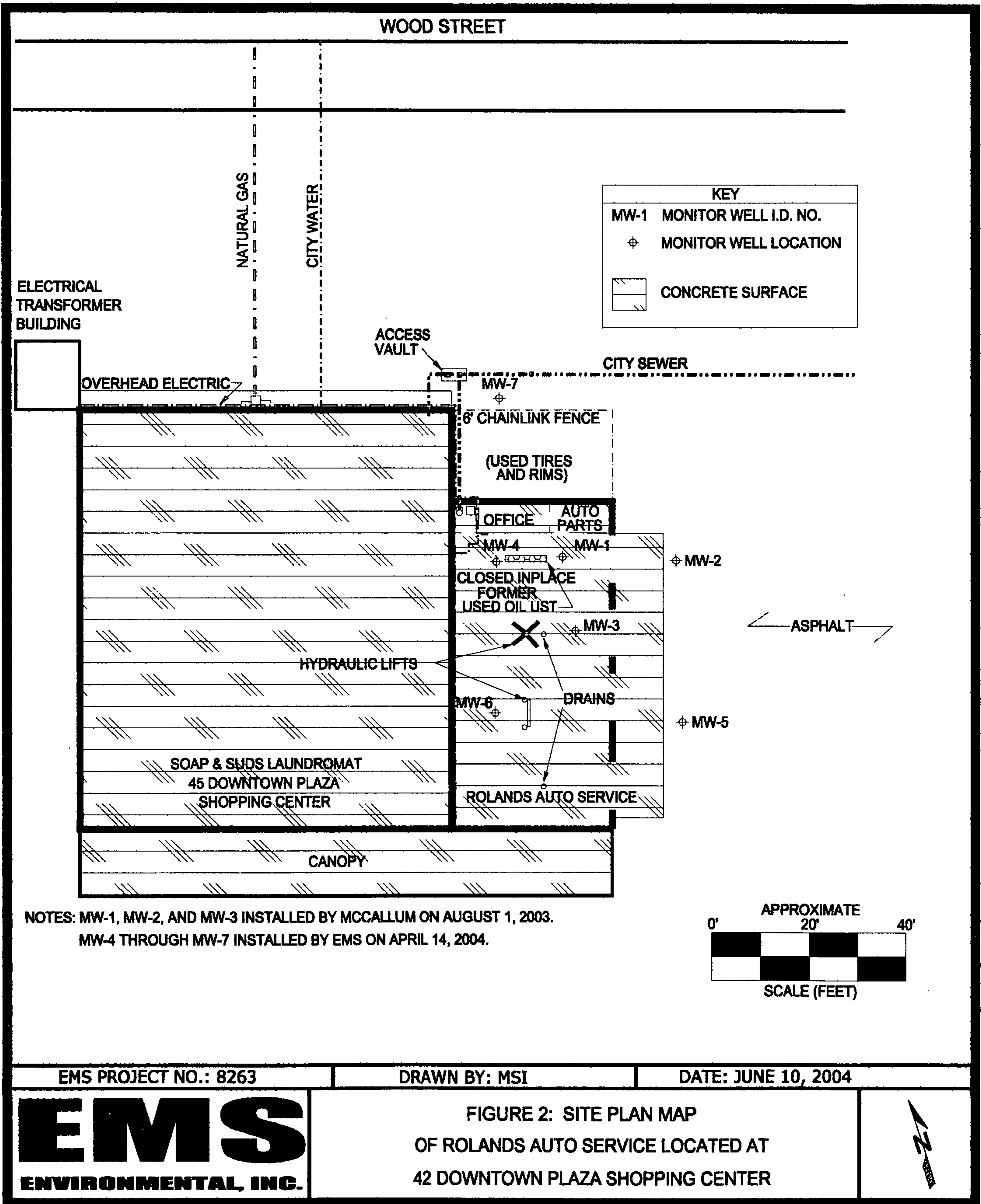
SOLUTION

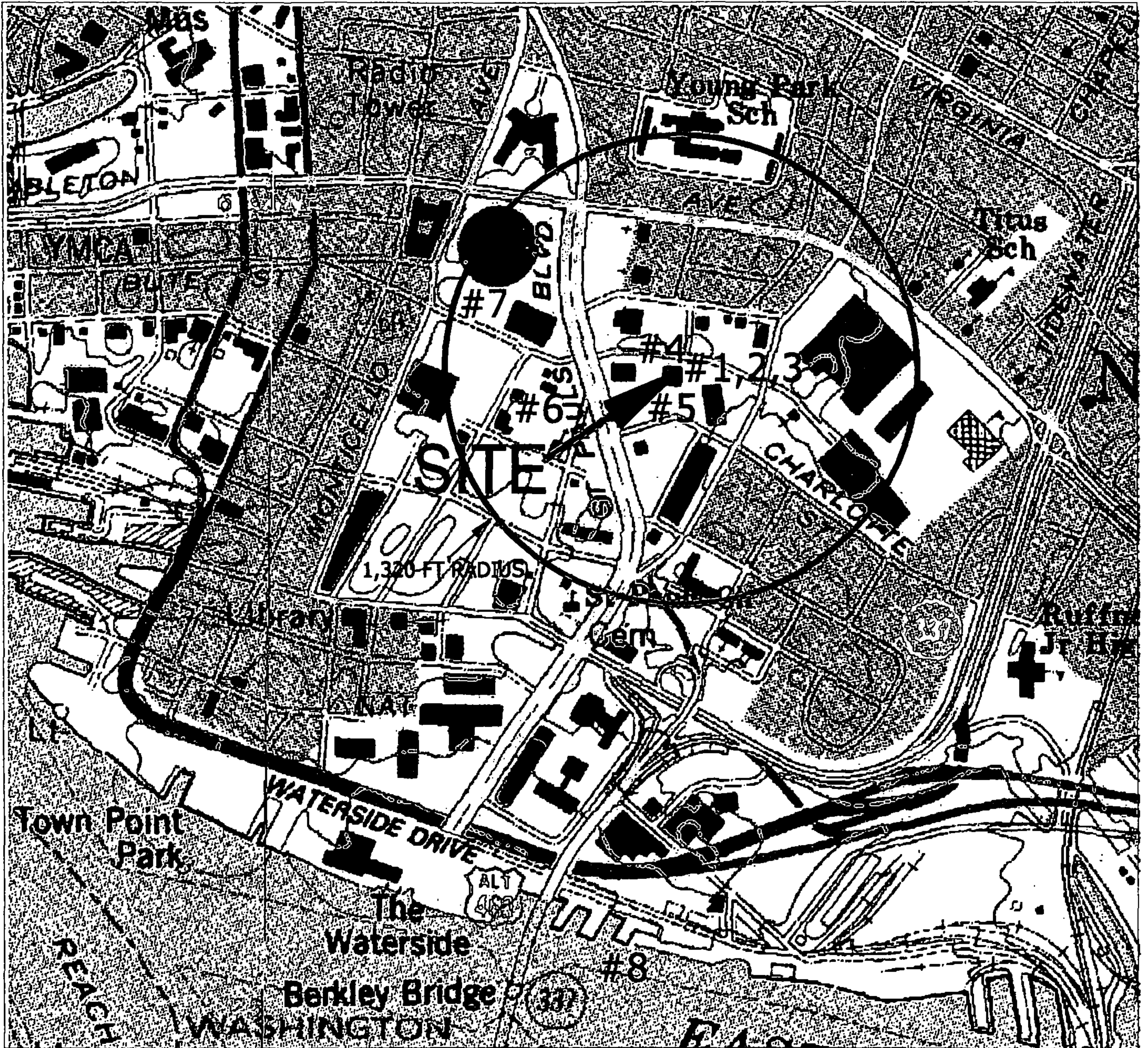
Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 1.584E-05$  ft/sec

$v_0 = 2.309$  ft





KEY:



#2 DENOTES POTENTIAL RECEPTOR.

NOTES: MAP EXTRACTED FROM CHARTIFF GEO'S VIA FUGAWI.

SCALE 1 : 24,000

NGVD OF 1929

CONTOUR INTERVAL: 5 FEET

EMS PROJECT NO.: 8263

MODIFIED BY: PRY

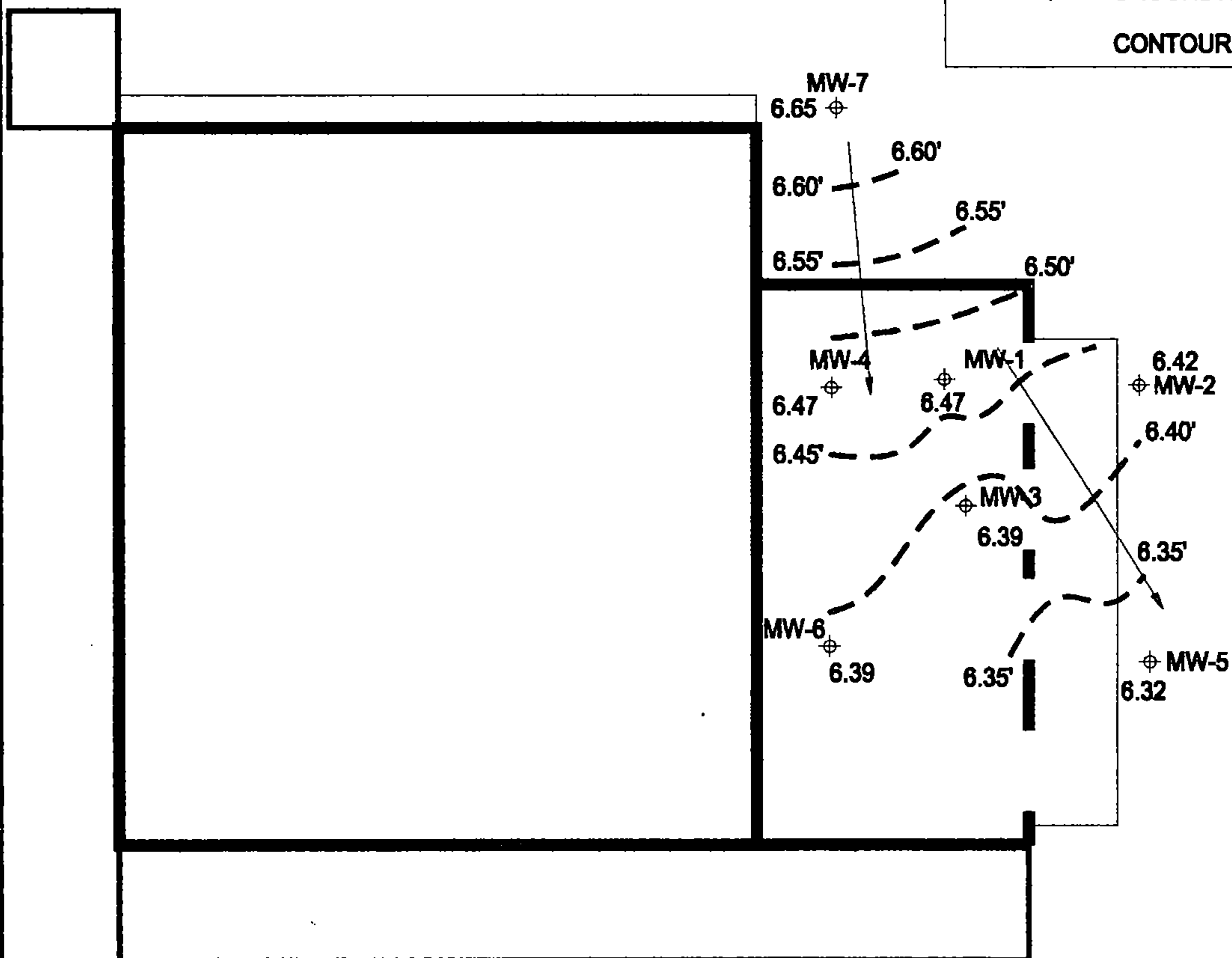
DATE: JUNE 1, 2004

**EMS**  
ENVIRONMENTAL, INC.

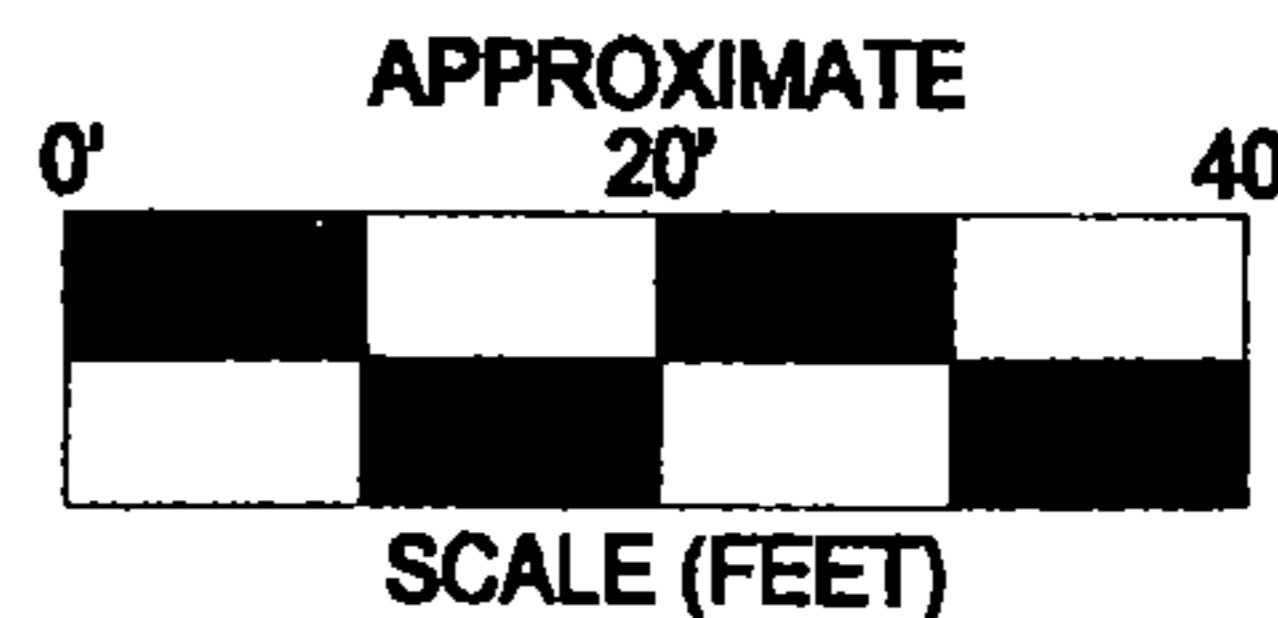
FIGURE 3: PORTION OF NORFOLK SOUTH, VIRGINIA USGS QUADRANGLE, 7.5 MINUTE SERIES, TOPOGRAPHIC MAP ILLUSTRATING POTENTIAL RECEPTORS WITHIN 1,320 FEET OF THE SITE LOCATED AT 42 DOWNTOWN PLAZA SHOPPING CENTER, NORFOLK, VA.

WOOD STREET

KEY	
MW-1	MONITOR WELL I.D. NO.
⊕	MONITOR WELL LOCATION
6.65	GROUNDWATER ELEVATION (FT.)
- - -	INFERRED ISOCONTOUR
↘	GROUNDWATER FLOW DIRECTION
CONTOUR INTERVAL IS 0.05 FEET.	



NOTES: MW-1, MW-2, AND MW-3 INSTALLED BY MCCALLUM ON AUGUST 1, 2003.  
MW-4 THROUGH MW-7 INSTALLED BY EMS ON APRIL 14, 2004.  
GROUNDWATER DATA COLLECTED ON MAY 27, 2004.



EMS PROJECT NO.: 8263

DRAWN BY: MSI

DATE: JUNE 10, 2004

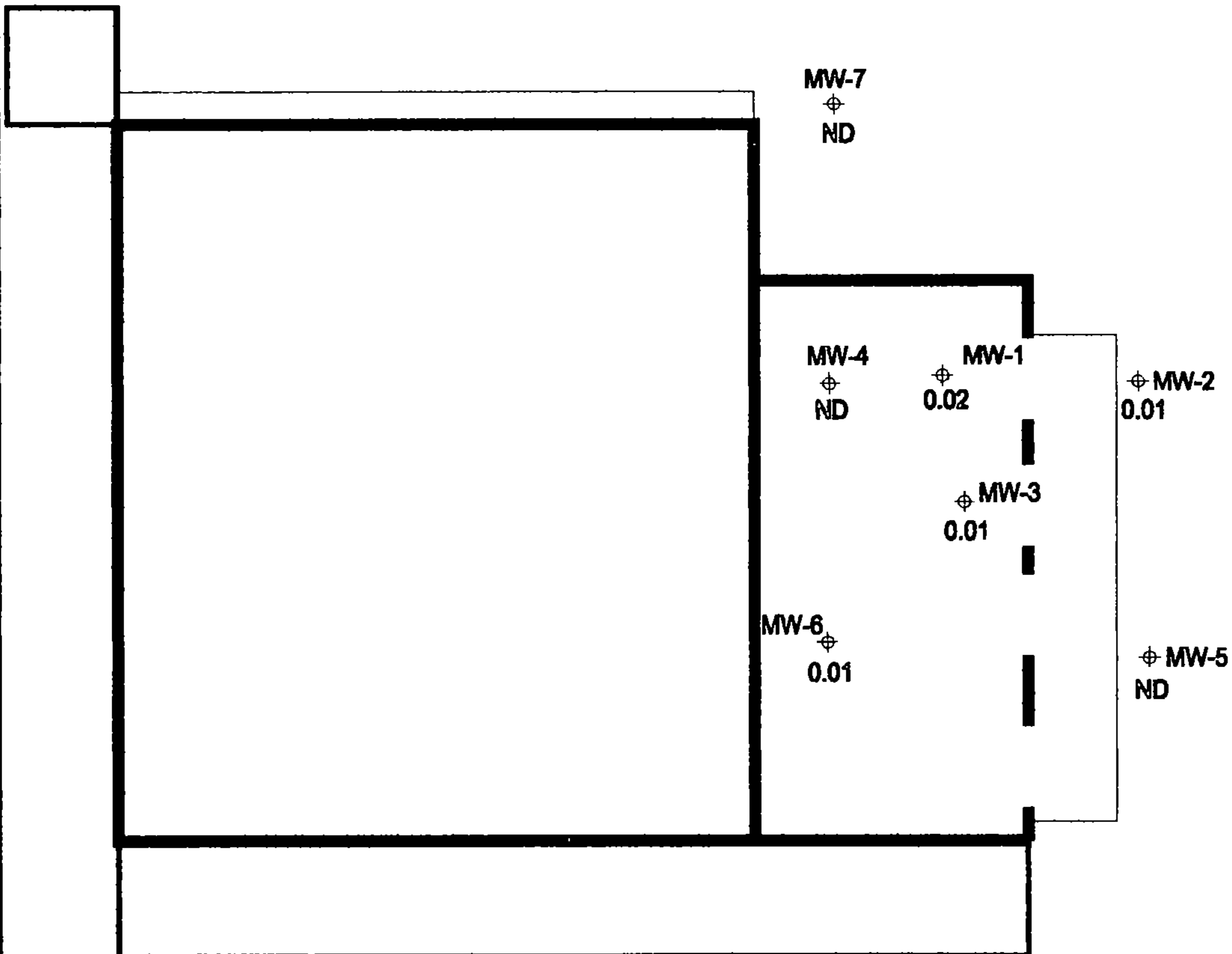
**EMS**  
ENVIRONMENTAL, INC.

FIGURE 4. HYDRAULIC GRADIENT MAP  
OF ROLANDS AUTO SERVICE LOCATED AT  
42 DOWNTOWN PLAZA SHOPPING CENTER

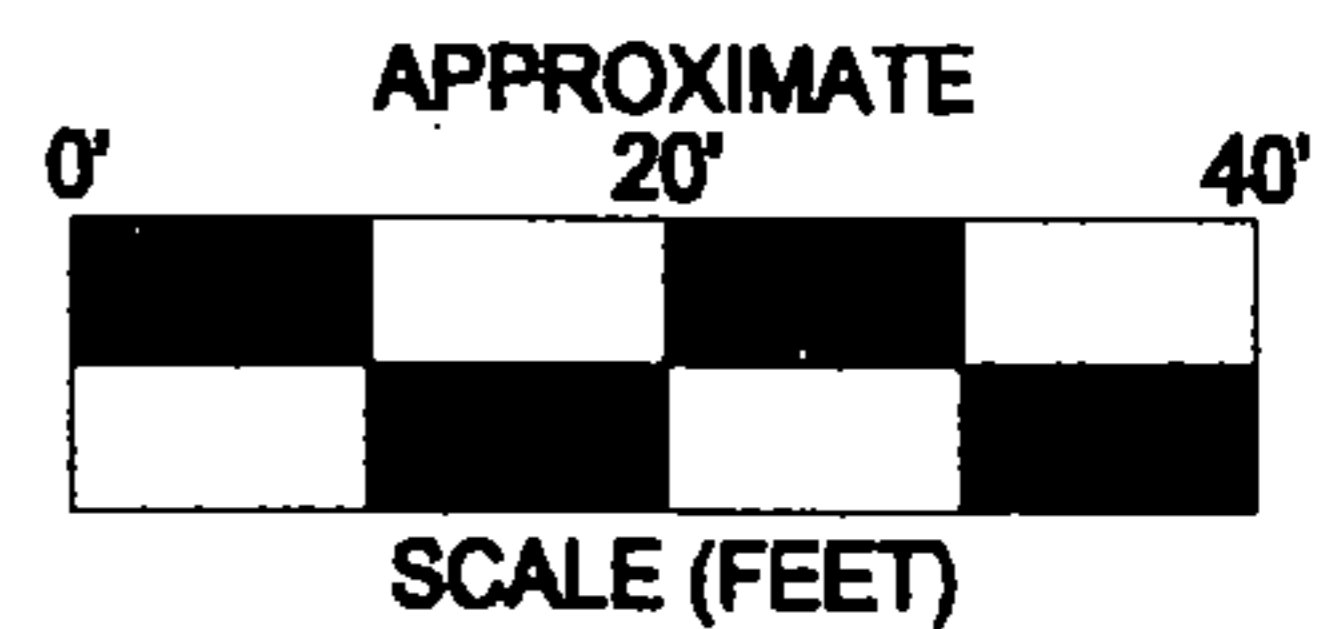


WOOD STREET

KEY	
MW-1	MONITOR WELL I.D. NO.
⊕	MONITOR WELL LOCATION
0.01	LPH THICKNESS (FT.)



NOTES: MW-1, MW-2, AND MW-3 INSTALLED BY MCCALLUM ON AUGUST 1, 2003.  
MW-4 THROUGH MW-7 INSTALLED BY EMS ON APRIL 14, 2004.  
DATA COLLECTED ON MAY 27, 2004.  
\*ND\* DENOTES NOT DETECTED BY INTERFACE PROBE.



EMS PROJECT NO.: 8263

DRAWN BY: MSI

DATE: JUNE 10, 2004

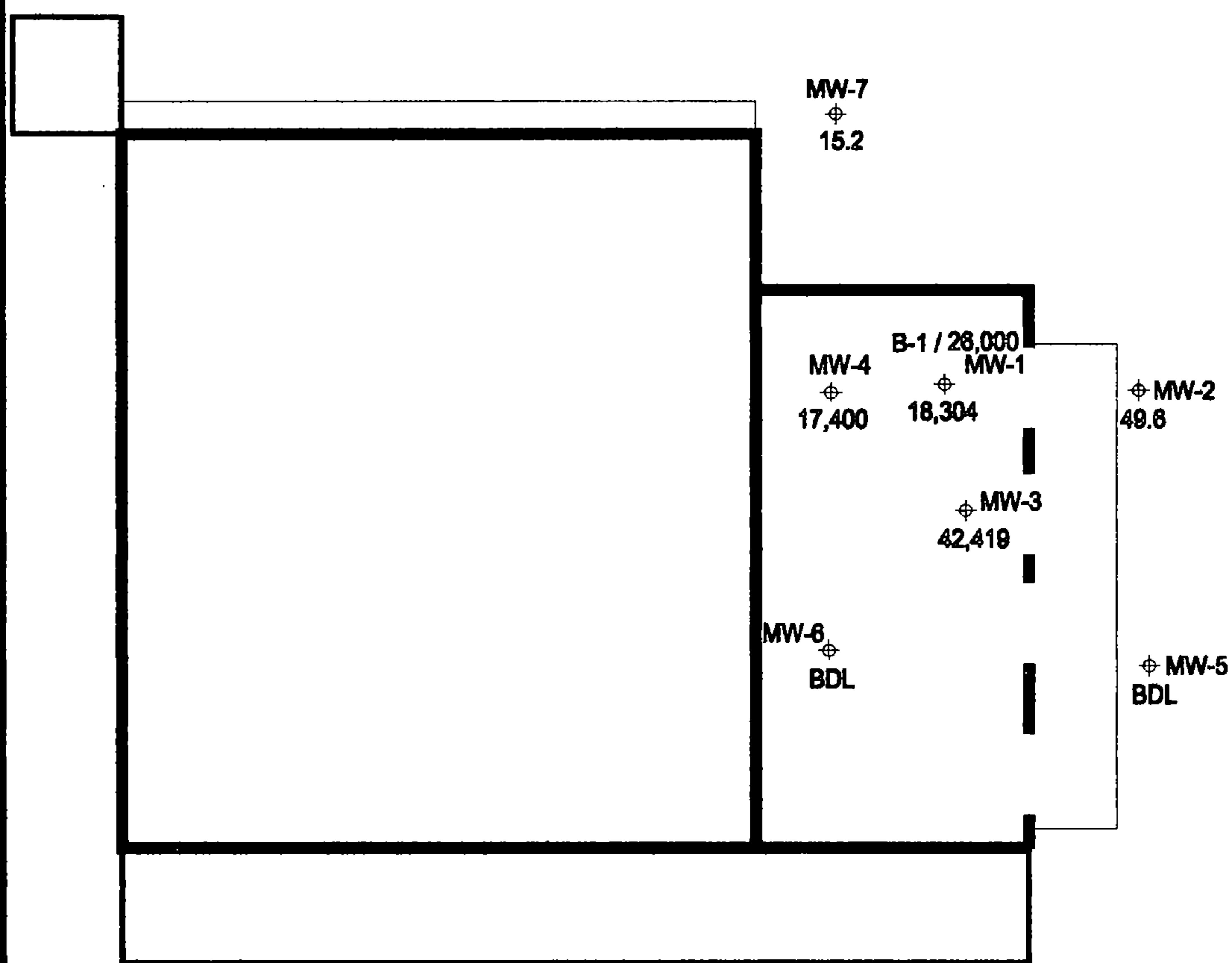
**EMS**  
ENVIRONMENTAL, INC.

FIGURE 5. FREE PRODUCT THICKNESS MAP  
OF ROLANDS AUTO SERVICE LOCATED AT  
42 DOWNTOWN PLAZA SHOPPING CENTER

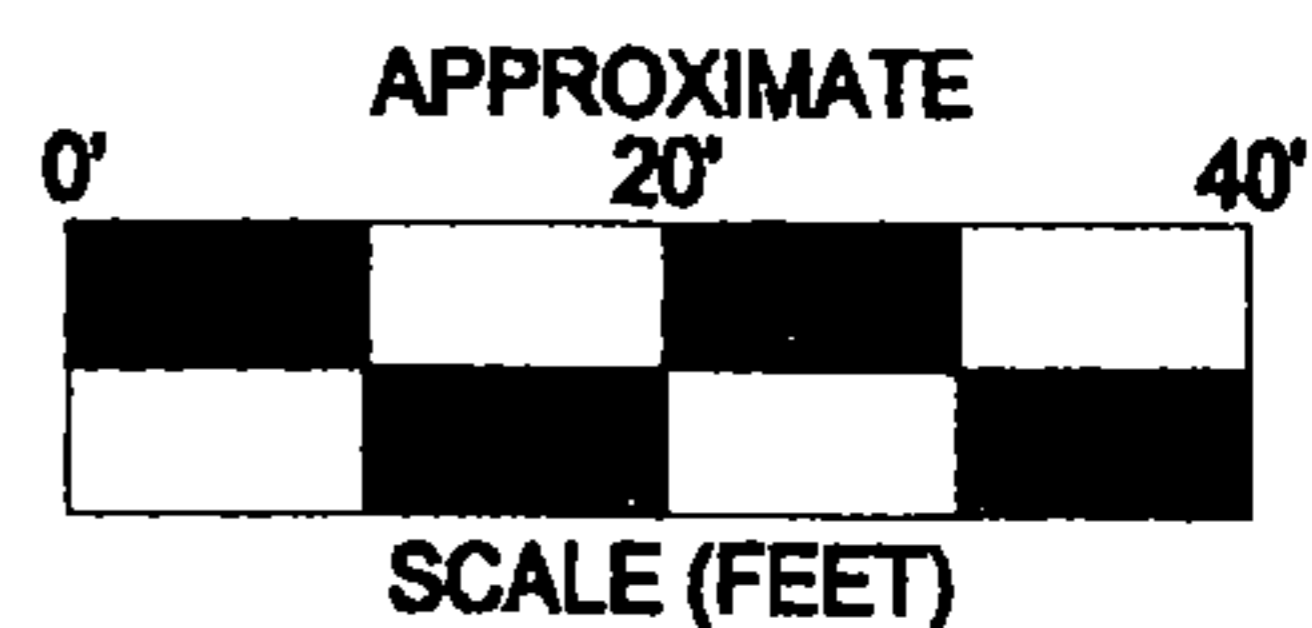


WOOD STREET

KEY	
MW-1	MONITOR WELL I.D. NO.
⊕	MONITOR WELL LOCATION
17,400	TPH CONC. (mg/Kg)



NOTES: MW-1, MW-2, AND MW-3 INSTALLED BY MCCALLUM ON AUGUST 1, 2003.  
MW-4 THROUGH MW-7 INSTALLED BY EMS ON APRIL 14, 2004.  
SOIL SAMPLES COLLECTED ON 5/16/03, 8/1/03, AND 4/14/04.  
SOIL SAMPLES ANALYZED FOR TOTAL PETROLEUM HYDROCARBONS (TPH)  
BY EPA METHOD 418.1.  
"BDL" DENOTES BELOW DETECTION LIMITS.



EMS PROJECT NO.: 8263

DRAWN BY: MSI

DATE: JUNE 10, 2004

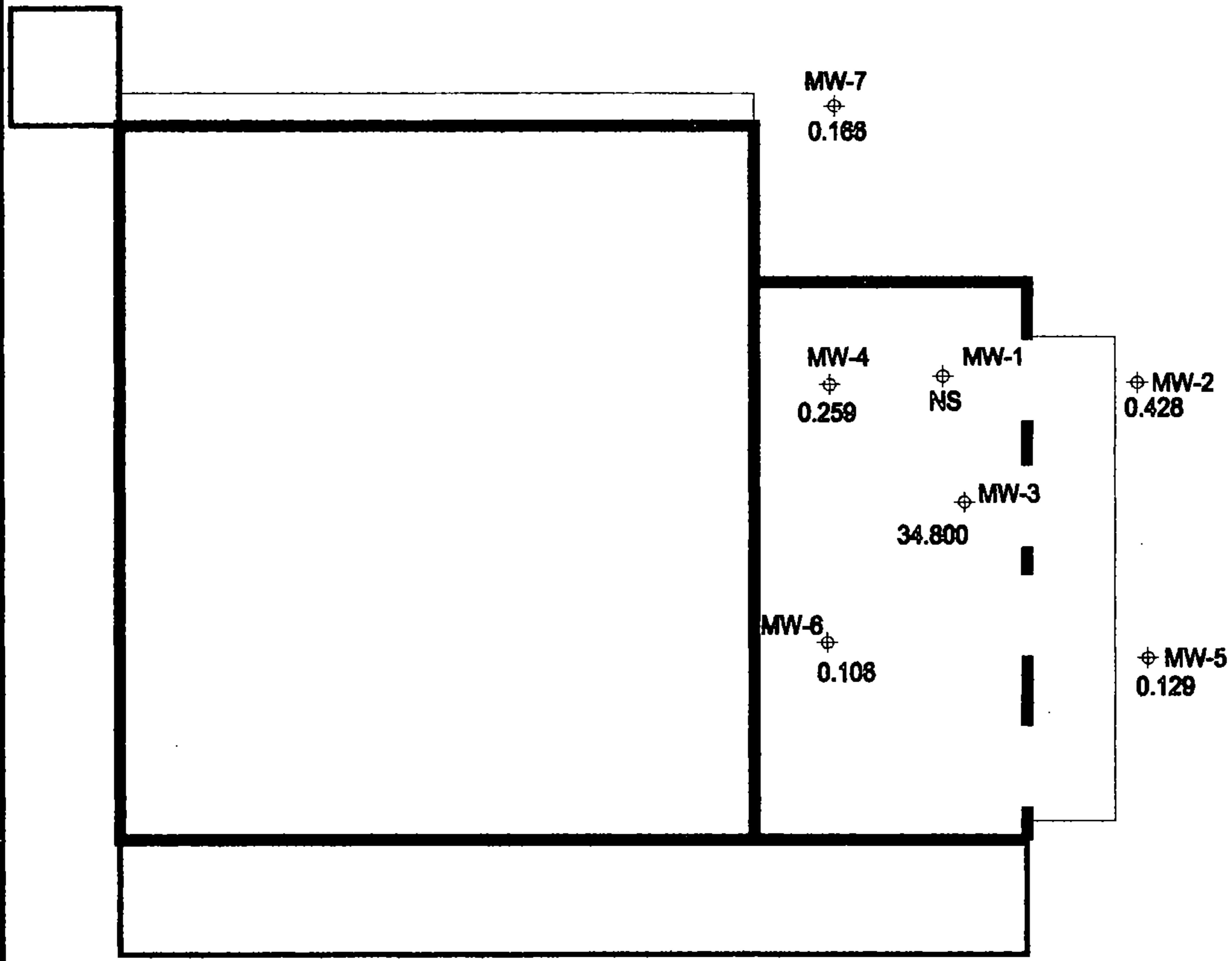
**EMS**  
ENVIRONMENTAL, INC.

FIGURE 6. ADSORBED PHASE CONCENTRATION MAP  
OF ROLANDS AUTO SERVICE LOCATED AT  
42 DOWNTOWN PLAZA SHOPPING CENTER

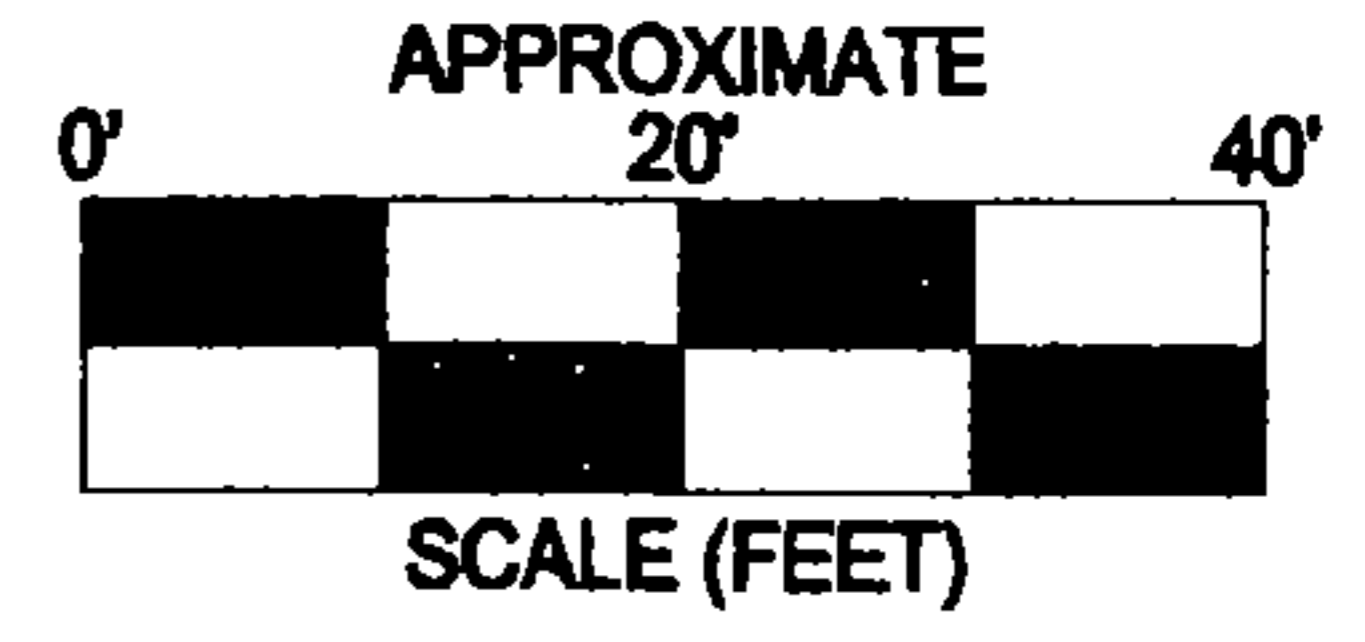


WOOD STREET

KEY	
MW-1	MONITOR WELL I.D. NO.
⊕	MONITOR WELL LOCATION
34.800	TPH CONC. (mg/L)



NOTES: MW-1, MW-2, AND MW-3 INSTALLED BY MCCALLUM ON AUGUST 1, 2003.  
MW-4 THROUGH MW-7 INSTALLED BY EMS ON APRIL 14, 2004.  
GROUNDWATER SAMPLES COLLECTED ON MAY 18, 2004.  
GROUNDWATER SAMPLES ANALYZED FOR  
TOTAL PETROLEUM HYDROCARBONS (TPH) BY EPA METHOD 418.1.  
"NS" DENOTES NOT SAMPLED DUE TO PRESENCE OF FREE PRODUCT.



EMS PROJECT NO.: 8263

DRAWN BY: MSI

DATE: JUNE 10, 2004

**EMS**  
ENVIRONMENTAL, INC.

FIGURE 7. DISSOLVED PHASE CONCENTRATION MAP  
OF ROLANDS AUTO SERVICE LOCATED AT  
42 DOWNTOWN PLAZA SHOPPING CENTER



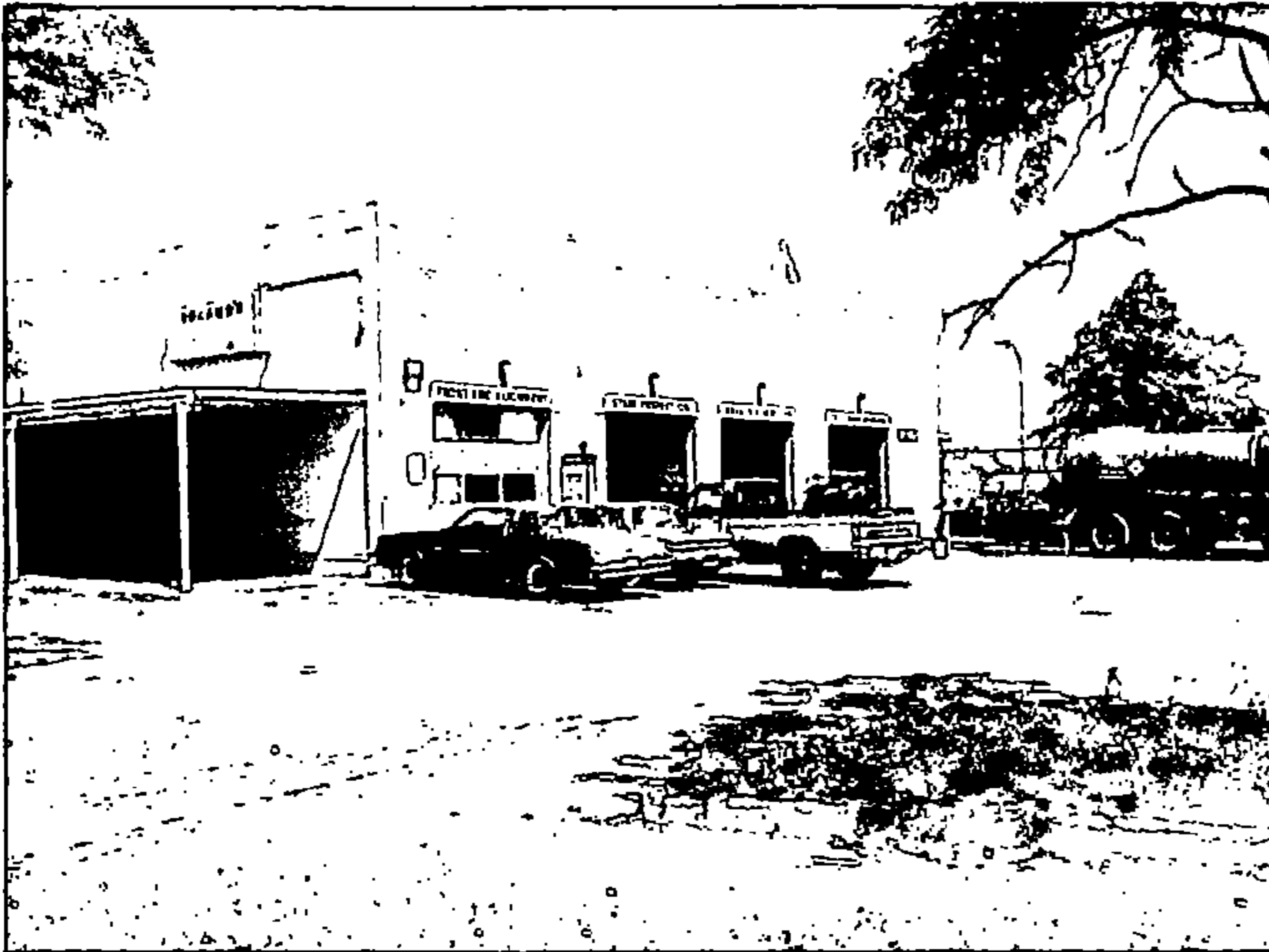
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**APPENDICES**



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**APPENDIX A:**  
**PHOTODOCUMENTATION**



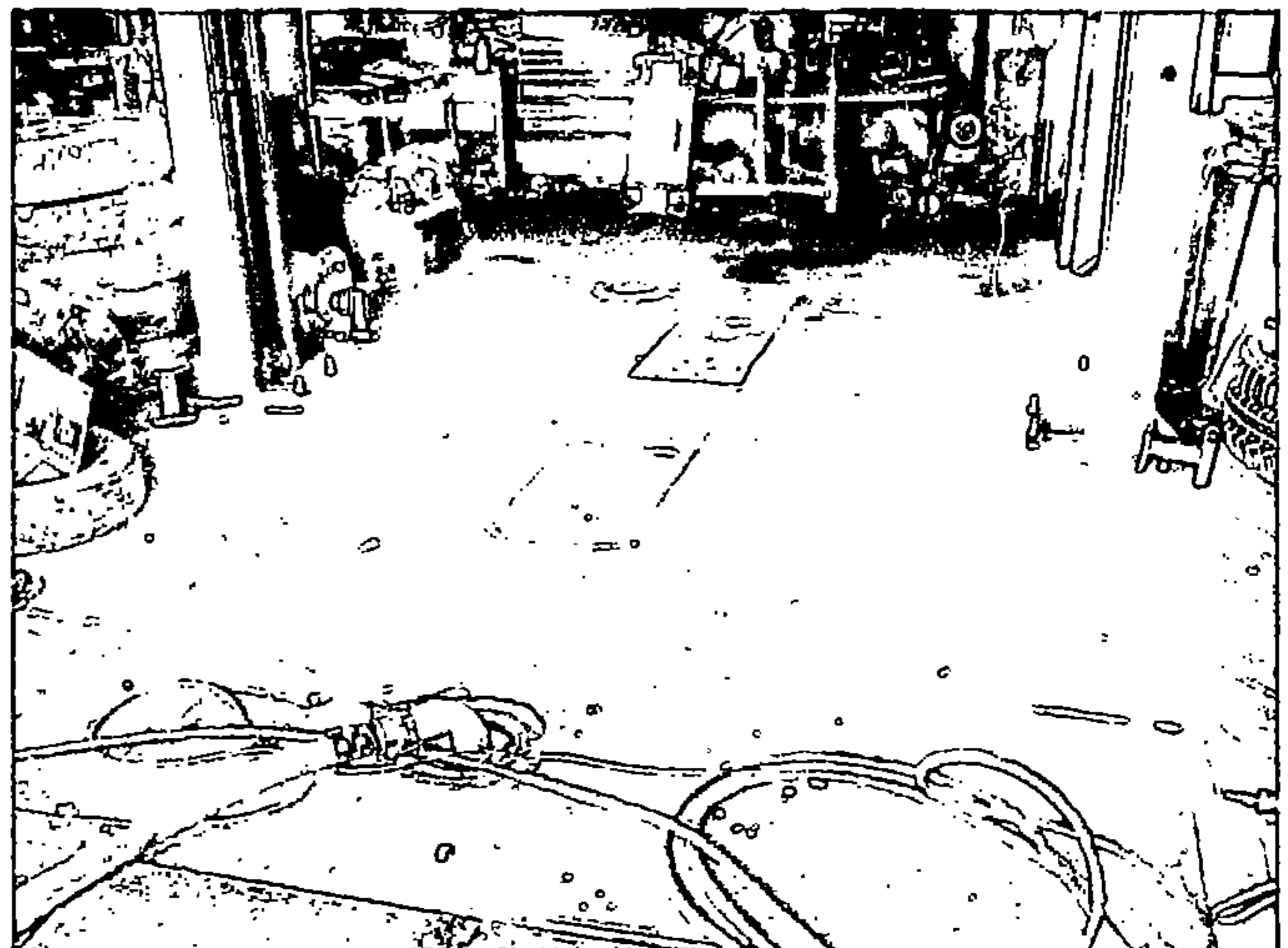
ROLAND'S AUTO. VIEW IS TOWARD THE NORTH.



ROLAND'S AUTO. VIEW IS TOWARD THE WEST.



ROLAND'S AUTO. VIEW IS TOWARD THE SOUTH.



FORMER USED OIL UST AND WELLS MW-1 AND MW-4.

EMS PROJECT NO.: 8263

MODIFIED BY: PRY

DATE: MAY 18, 2004

**EMS**  
ENVIRONMENTAL, INC.

PHOTODOCUMENTATION OF THE SITE  
LOCATED AT 42 DOWNTOWN PLAZA SHOPPING CENTER, NORFOLK, VIRGINIA.

**APPENDIX B:**

**VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY CORRESPONDENCE**

FEB 11 2004



RECEIVED

FEB -9 A 10:52

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.  
Secretary of Natural Resources

5636 Southern Boulevard  
Virginia Beach, VA 23462  
www.deq.state.va.us

Robert G. Burnley  
Director

Francis L. Daniel  
Tidewater Regional Director  
(757) 518-2000

Fax # (757) 518-2009

February 6, 2004

City of Norfolk  
c/o Ms. Martha P. McGann, Deputy City Attorney  
City Attorney's Office  
810 Union Street, Suite 900  
City Hall Building  
Norfolk, VA 23510

Re: Petroleum Release from Underground Storage Tank(s) (USTs)  
Site Name/Location: Roland's Auto Repair, #42 Downtown Plaza, Norfolk  
DEQ Tracking Number: PC# 2003-5158

Dear Ms. McGann:

On January 22, 2004, the Department of Environmental Quality (DEQ) received an Assignment and Assumption Agreement, dated January 15, 2004, between Downtown Plaza Associates, L.P., the original party responsible for the cleanup of petroleum releases from USTs located at the Downtown Shopping Center, and the City of Norfolk which has "stepped into the shoes" of the tank owner/operator. Based on the evidence available to us, the State Water Control Board acting through the DEQ, as authorized by CODE § 62.1-44.34:8 through 9 and 9 VAC 25-580-10 et seq. has determined that you are the Responsible Person (RP) for this petroleum release. This means that you are responsible for the environmental corrective action activities associated with this release as required by State Water Control Law (Articles 9, 10, and 11 of the Virginia Code, Section 62.1-44.34:8 through :23, inclusive). Your responsibilities include:

- (1) Taking any necessary initial abatement measures to mitigate the effects of the release (eliminate the source, remove free-phase petroleum contamination, remove limited quantities of petroleum saturated soils, and eliminate any immediate safety and environmental hazards) and submitting an **Initial Abatement Measures Report** to us. According to our files, Downtown Plaza Associates, L.P., submitted an Initial Abatement Measures Report, a Well Monitoring Report, and an UST Closure Report for the UST release reported to us on May 27, 2003. Such reports satisfy the requirement for initial abatement measures and site check.
- (2) Conducting an investigation of the source, extent, and risk posed by the release, and

- (3) Submitting a **Site Characterization Report (SCR)**, including a **Free Product Removal Report**, to us by **April 12, 2004**. Free product monitoring and removal should be conducted on at least a monthly basis. Installation of additional monitoring wells to delineate the free product plume should be considered.

The recommended elements for these reports are available in the Storage Tank Technical Manual. If a discussion of these elements does not adequately describe your site conditions and cleanup rationale, include additional information as necessary to complete the report.

The Virginia Petroleum Storage Tank Fund (VPSTF) may reimburse RP's for some corrective action costs incurred. Because the City is willing to assume the cleanup liability of the responsible person, the City is eligible to request reimbursement from the Fund for pre-approved, eligible, reasonable, and necessary costs of cleanup from the petroleum USTs. Prior approval is accomplished by submitting an **Activity Authorization Package** to this office. This Package should be submitted to us before you begin site work. Certain emergency activities do not require prior authorization within specified limits. Any activities performed more than 24 hours prior to the date this release was reported are **INELIGIBLE** for reimbursement.

Please refer to the attached fact sheets for more information on Confirmed Releases, the Activity Authorization Package, VPSTF Reimbursement and other program requirements for petroleum storage tanks. The Reimbursement Manual and other materials are available from our web-site at:  
<http://www.deq.state.va.us/tanks>.

DEQ recommends that RP's who are not familiar with Virginia's environmental corrective action procedures consider hiring an environmental consultant. The consultant you select should demonstrate knowledge of Virginia's technical and administrative requirements under this program, experience with situations similar to yours, and justification of their proposed costs.

After we have received and reviewed your SCR, we may either: (1) close this case, (2) request additional information, (3) require periodic monitoring of site conditions, or (4) require submittal of a Corrective Action Plan for cleanup. It is important that you maintain close contact with us while conducting this cleanup, and that all required reports are submitted by the appropriate deadlines.

We at DEQ are very interested in assisting you in any way possible to conduct a rapid, effective, and efficient release investigation. If you have any questions, please contact me at (757) 518-2126 or email at [lk Moran@deq.state.va.us](mailto:lk Moran@deq.state.va.us).

Sincerely,



LeAnn Moran

Geologist Senior  
Remediation Program

Enclosures: Activity Authorization Form, Program Fact Sheets, and Program Materials

cc: W. Jon Wilkins, Downtown Plaza Associates, L.P.  
Marina Liacouras-Phillips  
File PC# 03-5158



April 9, 2004

Ms. LeAnn K. Moran, Geologist Senior  
Virginia Department of Environmental Quality  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, Virginia 23462

Re: VDEQ PC# 03-5158  
Request for 60-day Extension  
Site Characterization Activities  
Roland's Auto Service  
42 Downtown Plaza Shopping Center  
Norfolk, Virginia

EMS Project No: 8263

Dear Ms. Moran:

On behalf of Norfolk City Attorney's Office, EMS Environmental, Inc. (EMS) respectfully requests an extension to complete site characterization activities for the above referenced location. Based on scheduling conflicts, difficulty in locating subsurface utilities beneath the building for interior well installation, and active automotive repair services at the site, EMS will require additional time to perform the site characterization activities and submit the Site Characterization Report.

Please consider a revised deadline date so EMS can submit the report within the adjusted time frame. Thank you for your time and understanding. If you have any questions regarding this request, please do not hesitate to contact Mike Iwashchenko or myself at (757) 397-8783.

Sincerely,  
**EMS Environmental, Inc.**

A handwritten signature in black ink, appearing to read "Paul R. Young", with a long, sweeping underline.

Paul R. Young, CPG  
Senior Hydrogeologist

cc: Martha P. McGann, Deputy City Attorney



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.  
Secretary of Natural Resources

5636 Southern Boulevard  
Virginia Beach, VA 23462  
www.deq.state.va.us

Fax # (757) 518-2009

April 20, 2004

Robert G. Burnley  
Director

Francis L. Daniel  
Tidewater Regional Director  
(757) 518-2000

City of Norfolk  
c/o Ms. Martha P. McGann, Deputy City Attorney  
City Attorney's Office  
810 Union Street, Suite 900  
City Hall Building  
Norfolk, VA 23510

Re: Petroleum Release from Underground Storage Tank(s) (USTs)  
Site Name/Location: Roland's Auto Repair, #42 Downtown Plaza, Norfolk  
DEQ Tracking Number: PC# 2003-5158

Dear Ms. McGann:

Thank you for Mr. Young's extension request and proposed schedule to complete the work required in response to a petroleum release at your site. An extension to the deadline is granted. Please submit the **Site Characterization Report** to this office by **June 14, 2004**.

If an additional deadline extension becomes necessary, it must be approved by this Department prior to expiration of the extended deadline. A request for any additional extension must be fully justified and completely substantiated with supporting documentation. A new schedule for completion of work and submittal of reports must be provided. If a report is not received by the established deadline, enforcement action may result.

If you have any questions, please contact me by phone at (757) 518-2126 or by email at [lk Moran@deq.state.va.us](mailto:lk Moran@deq.state.va.us).

Sincerely,

A handwritten signature in cursive script that reads "LeAnn Moran".

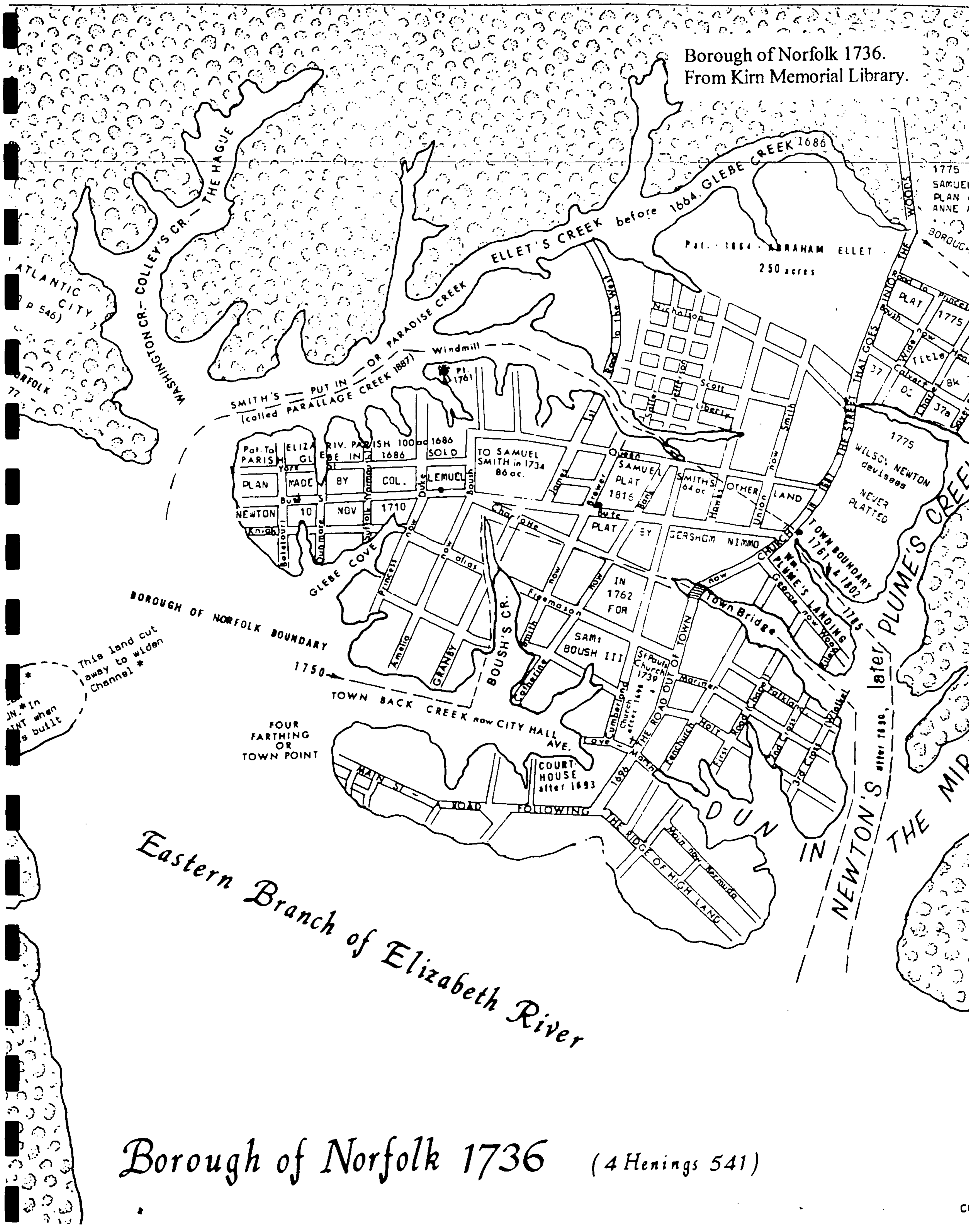
LeAnn Moran  
Geologist Senior  
Remediation Program

cc: ✓ Paul Young, EMS Environmental  
File PC# 04-5158

**APPENDIX C:**  
**HISTORICAL MAPS**



Borough of Norfolk 1736.  
From Kim Memorial Library.



Borough of Norfolk 1736 (4 Henings 541)

Map of the County Contiguous to Norfolk,  
Circa 1815 by General Robert B. Taylor.  
From Kim Memorial Library.



Gray's New Map of Norfolk  
Norfolk County, Virginia, 1877.  
From Kirn Memorial Library.



Map of Sections of Norfolk, Virginia and  
Miscellaneous Information for Visitors and  
New Residents, copyright 1942.  
From Kim Memorial Library.



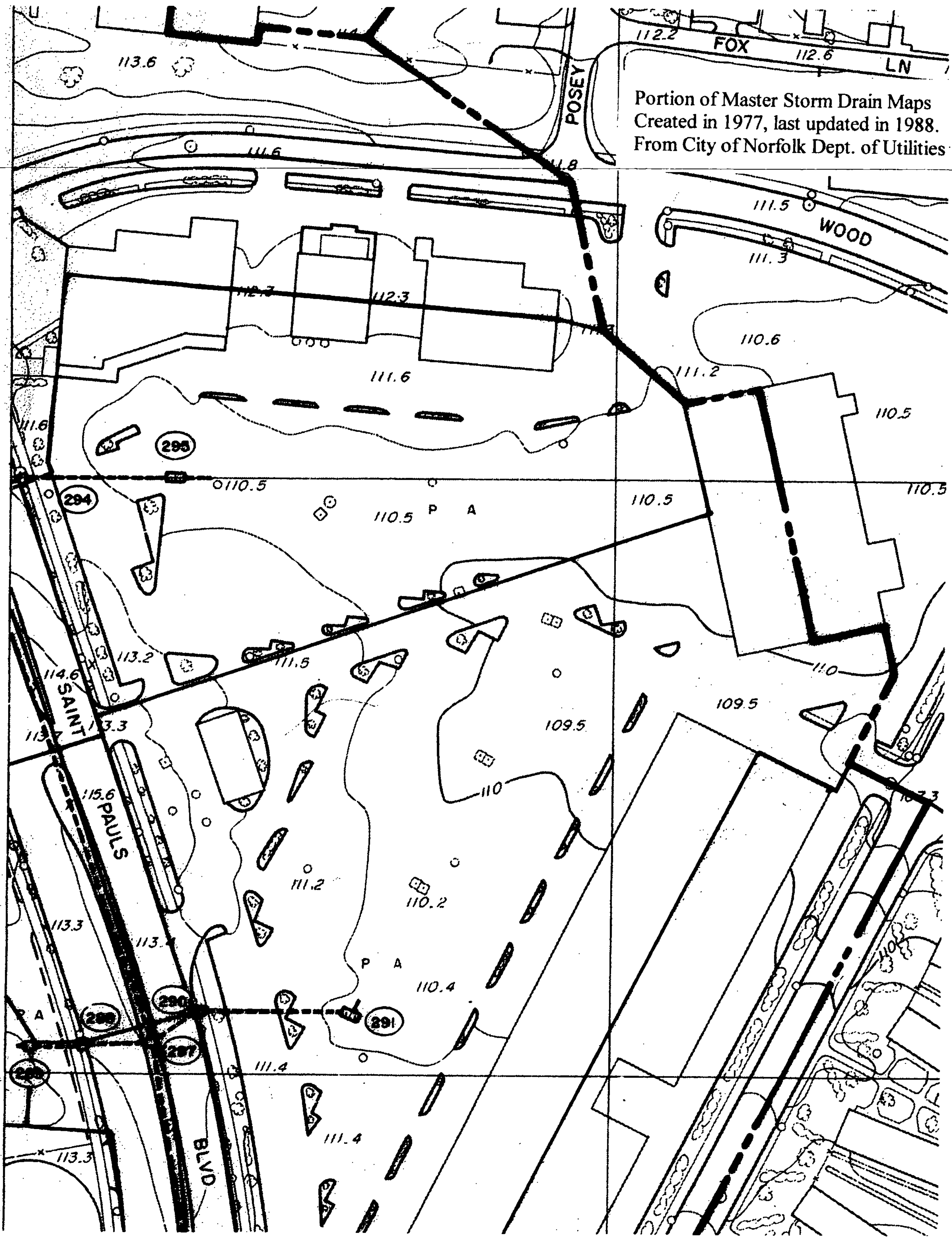
- DEATRICE
- ALEX H. J
- J. S. BELL
- BELVEDER
- BEMIS BLDG
- BERRY
- EDWIN E.
- BITCHER
- BIRAN &
- M. T. B.
- oor. Ha
- N. BLOCK
- BLUFORD
- BONNET 7
- 21st St.
- W. M. BO
- BROWN'S
- Granby
- BROCK-F
- and Ma
- BUILDING
- Montice
- BURKS &
- MR. BENJ
- R. A. BUS
- Water S
- BURROW, J
- CADDELL I
- E. CALIGA
- TESS-CAM
- CAPE HEN
- Bldg.
- F. K. CAR
- CARPENTER
- Bank of
- CARR, MR
- CARTER A
- CASTERTON
- CAVALIER
- CHESAPEA
- CHESAPEA
- W. BUTE
- JOSEPH M.
- COOPER'S, I
- SARAH CO
- MARK E. C
- COLONIAL
- Olney R
- COLONIAL
- Boush St
- COLONIAL I
- COLONNA'S
- COMMONW
- S. A. L.
- CONRAD B
- CONOLVO
- CONSUMERS
- 310-14 R
- COOPER'S, J
- J. C. COUM
- COX FUNER
- CROCKIN-L
- MR. F. W.
- CURTIS-MA
- DALTON-BU
- Bldg.
- DAWSON T
- MR. W. PET
- DIX-BOWEN
- DIXIE VENE
- mouth, Va
- DOBIE & B
- Bldg.
- DR. PEPPER

- Chesterfield Heights Church of Christ, Norchester Ave., cor. Westminster Ave.
- Church of Christ, 310 Chestnut St. (B.)
- Church of Christ on the Rock, 831 St. Paul St.
- Church of Jesus Christ, 312 E. Freemason St.
- Norfolk Church of Christ, 130 Brooke Ave.
- Pentecostal Church of Christ, 4125 Colley Ave.
- South Norfolk Church of Christ, Jackson St., cor. of Jefferson St.
- First Church of Christ Scientist, 207 W. Freemason St.
- Colonial Place Church of God Tabernacle, 645 W. 27th St.

- South Norfolk Pentecostal Holiness Church, 1608 E. Liberty St. (S. N.)
- First Lutheran Church, 1301 Colley Ave.
- Brambleton Avenue M. E., South, 1400 E. Brambleton Ave.
- Campostella Heights M. E. Church, South, 1801 Princeton Ave.
- Chesapeake Avenue M. E., South, 1200 Chesapeake Ave. (S. N.)
- Chesterfield Heights M. E., South, Merrimac Ave., near Stanhope
- Colonial Avenue M. E. Church, South, Colonial Ave. cor. 15th St.

- Colley Memorial Presbyterian Church, 224 Colley Ave.
- First Presbyterian Church, 1605 Bainbridge St. extended (S. N.)
- First Presbyterian Church, Colonial Ave., cor. Redgate Ave.
- Glenwood Park Presbyterian Church, 239 Forrest Ave.
- Ingleside Presbyterian Church, 308 Commonwealth Ave.
- Knox Presbyterian Church, cor. 37th St. and Colonial Ave.
- Lafayette Presbyterian Church 1821 Lafayette

Portion of Master Storm Drain Maps  
Created in 1977, last updated in 1988.  
From City of Norfolk Dept. of Utilities



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**APPENDIX D:**  
**MONITORING WELL CONSTRUCTION LOGS**

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Concrete - 2", Stone - 4"					
		Gray silty clay with staining and petroleum odor, CL		(0-2) 20 ppm			
		Gray to tan silty fine sand with staining and petroleum odor, SM		(2-4) 179 ppm			
	5	Same		(4-6)* 154 ppm			
		Same		(6-8) 90 ppm			
		Tan to yellow silty fine sand, SM					
		Gray silty fine sand, SM		(8-10) 15 ppm			
	10	BORING TERMINATED AT 10 FEET					
		*SUBMITTED TO LAB					

**Legend**

- - PID Reading (ppm)
- ▩ - Split Spoon Sample
- ∇ - Water Table at Time of Boring
- ▽ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** MW-1  
**DATE DRILLED** August 1, 2003  
**PROJECT NUMBER** 03-1371  
**PROJECT** Rolands Auto Repair  
**LOCATION** Norfolk, Virginia

**McCALLUM TESTING LABORATORIES, INC.**

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Asphalt - 3", Stone - 3"					
		Gray silty clay with faint petroleum odor, CL		(0-2) 6 ppm	●		
		Gray to yellow sandy clay, CL		(2-4) 6 ppm	●		
	5	Tan silty fine sand, SM		(4-6)* 6 ppm	●		
		Same		(6-8) 6 ppm	●		
		Tan to yellow silty fine sand, SM		(8-10) 6 ppm	●		
	10	BORING TERMINATED AT 10 FEET					
		*SUBMITTED TO LAB					

**Legend**

- - PID Reading (ppm)
- ▨ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▽ - 24 Hour Water Table Reading

MONITORING WELL / BORING LOG	
<b>BORING NUMBER</b>	MW-2
<b>DATE DRILLED</b>	August 1, 2003
<b>PROJECT NUMBER</b>	03-1371
<b>PROJECT</b>	Rolands Auto Repair
<b>LOCATION</b>	Norfolk, Virginia
<b>McCALLUM TESTING LABORATORIES, INC.</b>	



Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Concrete - 3", Stone - 4"					
		Gray silty clay with staining, CL		(0-2) 6 ppm	●		
		Same		(2-4) 29 ppm	●		
	5	Gray silty fine sand with petroleum odor, SM		(4-6)* 99 ppm	●		
		Same - with petroleum odor and staining		(6-8) 47 ppm	●		
		Same		(8-10) 38 ppm	●		
		Tan to yellow silty fine sand, SM					
		Same					
	10	BORING TERMINATED AT 10 FEET					
		*SUBMITTED TO LAB					

**Legend**

- - PID Reading (ppm)
- ☒ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

MONITORING WELL / BORING LOG	
<b>BORING NUMBER</b>	MW-3
<b>DATE DRILLED</b>	August 1, 2003
<b>PROJECT NUMBER</b>	03-1371
<b>PROJECT</b>	Rolands Auto Repair
<b>LOCATION</b>	Norfolk, Virginia
<b>McCALLUM TESTING LABORATORIES, INC.</b>	

# MONITOR WELL CONSTRUCTION LOG

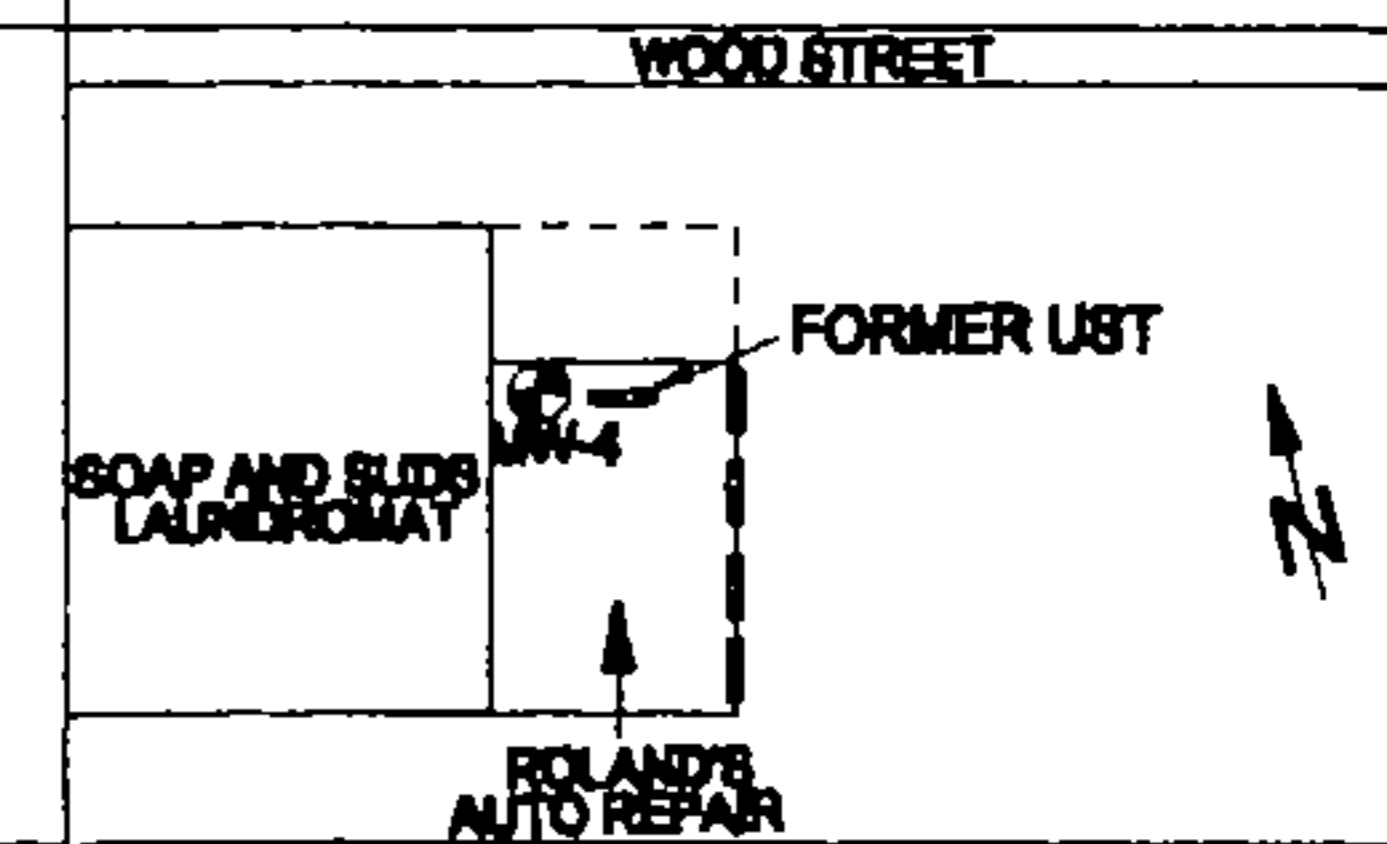
LOCATION: 42 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA

FACILITY: ROLAND'S AUTO REPAIR  
VDEQ PC NO.: 03-5158

WELL I.D. #: **MW-4**

CONSULTANT: EMS ENVIRONMENTAL, INC.  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707  
PROJECT #: 8283  
LOGGED BY: JOSH GENT

DRILLER: ENVIRO DRILL INC.  
DRILLING METHOD: HOLLOW-STEM  
SAMPLING METHOD: SPLIT-SPOON  
DATE INSTALLED: 4/14/04  
TOTAL BORING DEPTH: 12' BGS.



## WELL CONSTRUCTION NOTES

8" MANHOLE COVER  
LOCK CAP

LITHOLOGIC  
DESCRIPTION

DEPTH  
(FEET)

SAMPLE  
INTERVAL

VOC'S  
(PPM)

CONCRETE

BENTONITE

2.0" O.D. SCH 40 PVC RISER

#3 SAND

2.0" O.D. 0.10 SLOT SCH 40 PVC SCREEN

TOP OF CASING ELEV.:	10.84
O.D. DIA. OF CASING:	2.0"
TYPE OF CASING:	SCH. 40 PVC
CASING FROM:	0.0'
TO:	2.0'
SCREEN FROM:	2.0'
TO:	12.0'
SAND FROM:	1.5'
TO:	12.0'
BENTONITE FROM:	1.0'
TO:	1.5'

\*\*\* DENOTES SAMPLE SUBMITTED  
FOR LABORATORY ANALYSES

BORING TERMINATED @ 12' BGS.

CONCRETE

DARK GRAY  
SANDY SILTY  
CLAY WITH  
PETROLEUM  
STAINS/ODORS

DARK GRAY  
CLAYEY SILTY  
SAND WITH  
PETROLEUM  
STAINS/ODORS  
MOIST TO WET

1

2

3

4

5

6

7

8

9

10

11

12



0.9\*

# MONITOR WELL CONSTRUCTION LOG

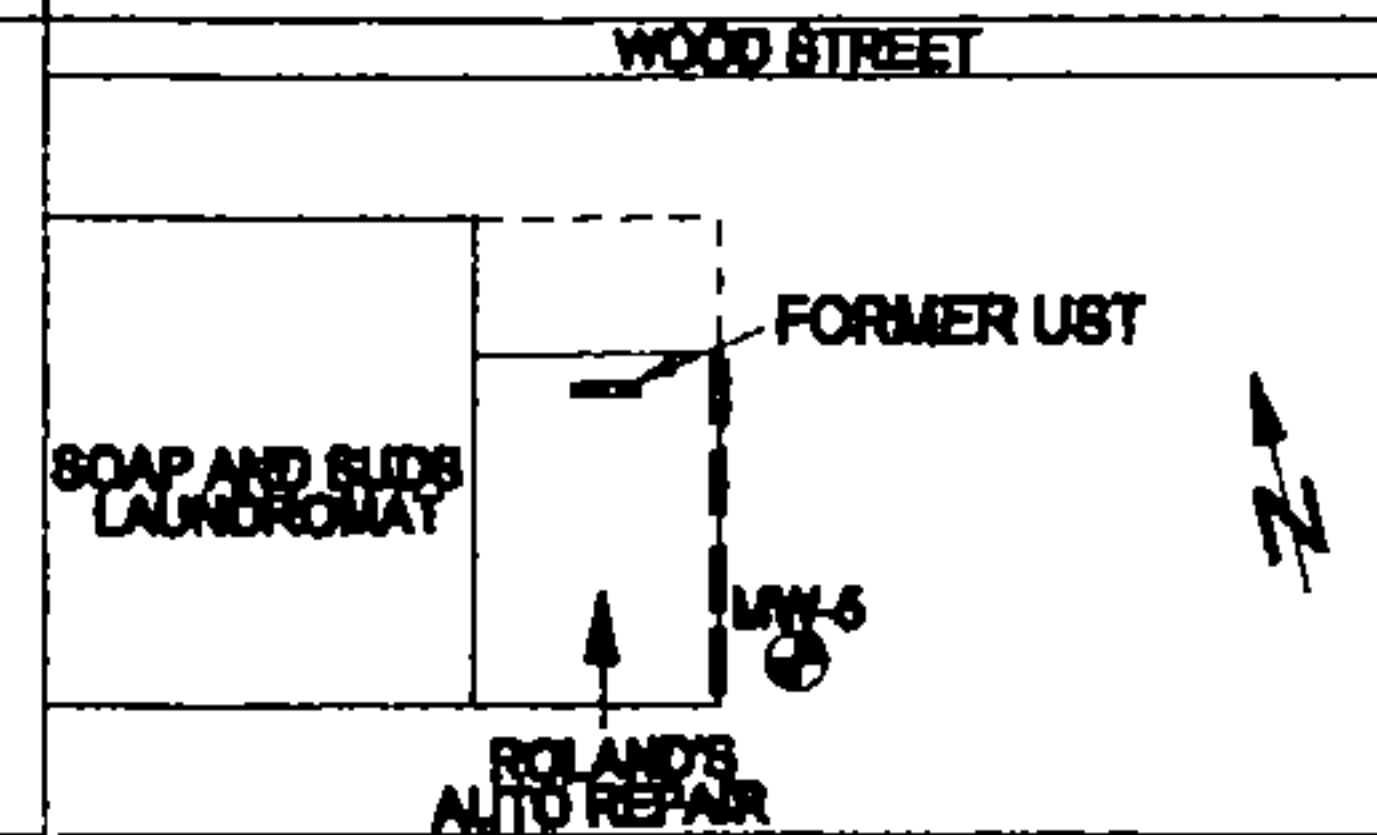
LOCATION: 42 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA

FACILITY: ROLAND'S AUTO REPAIR  
VDEQ PC NO.: 03-5158

WELL I.D. #: **MW-5**

CONSULTANT: EMS ENVIRONMENTAL, INC.  
3408 SOUTH STREET  
PORTSMOUTH, VA 23707  
PROJECT #: 8263  
LOGGED BY: JOSH GENT

DRILLER: ENVIRO DRILL INC.  
DRILLING METHOD: HOLLOW-STEM  
SAMPLING METHOD: SPLIT-SPOON  
DATE INSTALLED: 4/14/04  
TOTAL BORING DEPTH: 12' BGS.



## WELL CONSTRUCTION NOTES

8" MANHOLE COVER  
LOCK CAP

LITHOLOGIC  
DESCRIPTION

DEPTH  
(FEET)

SAMPLE  
INTERVAL

VOC'S  
(PPM)

CONCRETE

BENTONITE

2.0" O.D. SCH 40 PVC RISER

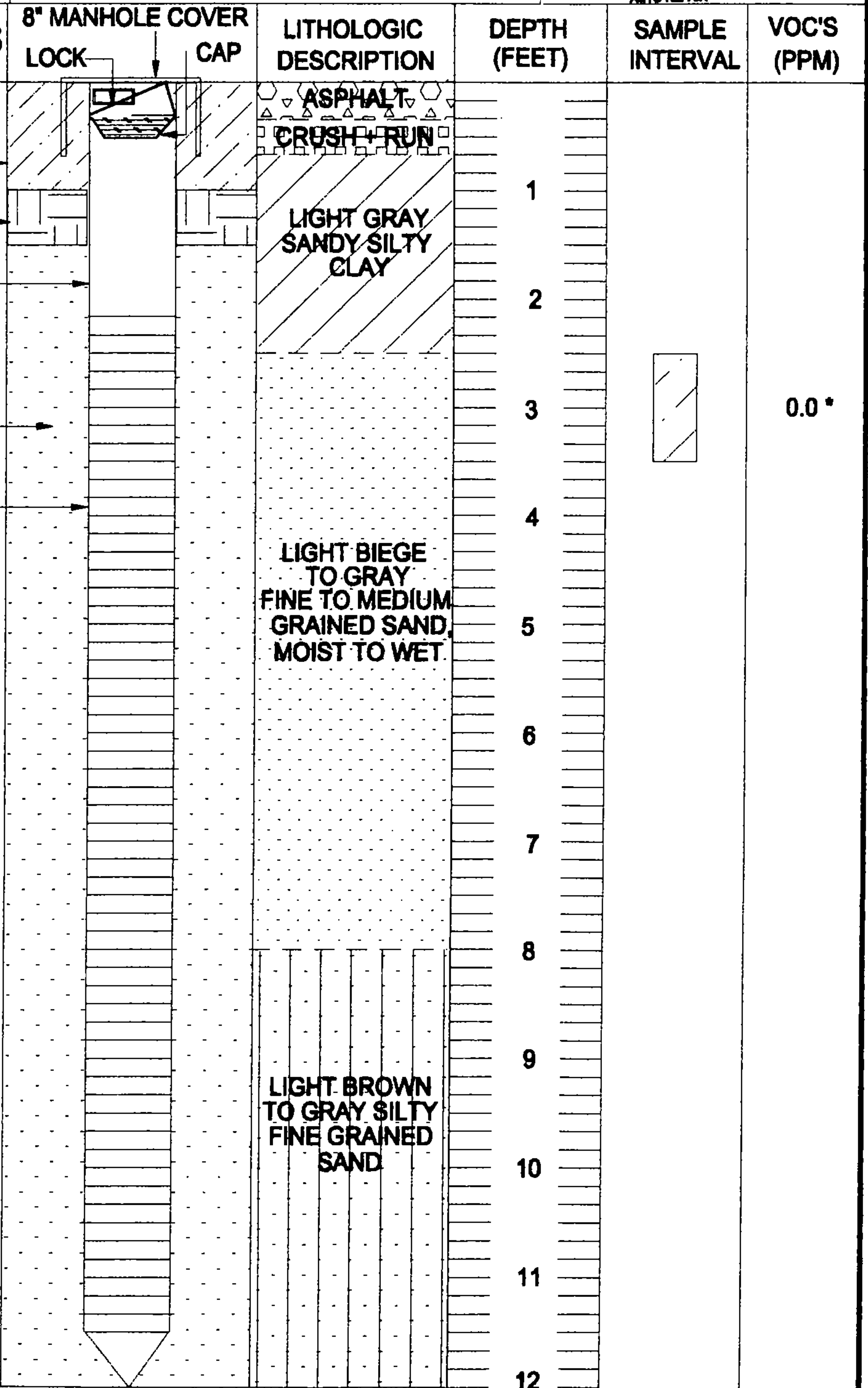
#3 SAND

2.0" O.D. 0.10 SLOT SCH 40 PVC SCREEN

TOP OF CASING ELEV.:	10.00
O.D. DIA. OF CASING:	2.0"
TYPE OF CASING:	SCH. 40 PVC
CASING FROM:	0.0'
TO:	2.0'
SCREEN FROM:	2.0'
TO:	12.0'
SAND FROM:	1.5'
TO:	12.0'
BENTONITE FROM:	1.0'
TO:	1.5'

\*\*\* DENOTES SAMPLE SUBMITTED  
FOR LABORATORY ANALYSES

BORING TERMINATED @ 12' BGS.



# MONITOR WELL CONSTRUCTION LOG

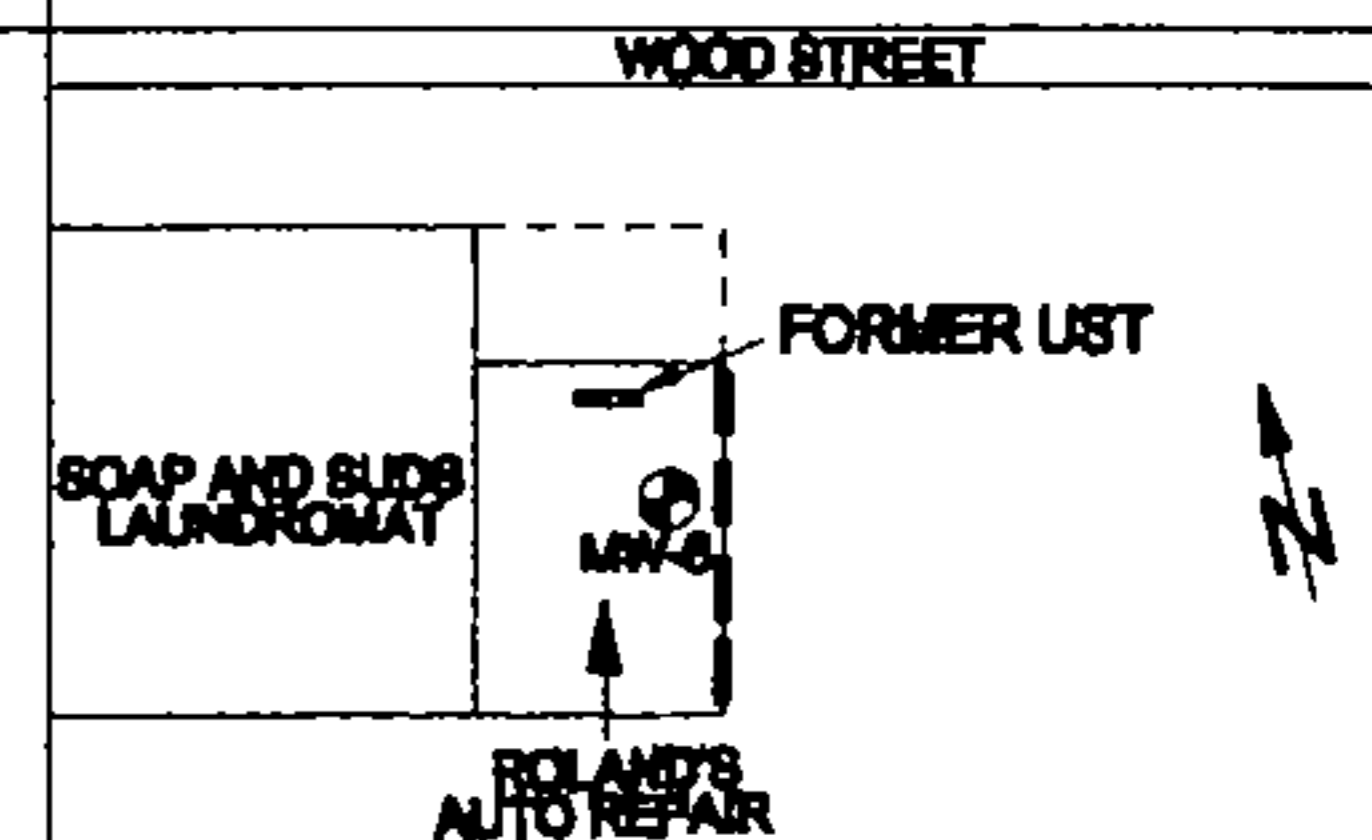
LOCATION: 42 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA

FACILITY: ROLAND'S AUTO REPAIR  
VDEQ PC NO.: 03-5158

WELL I.D. #: **MW-6**

CONSULTANT: EMS ENVIRONMENTAL, INC.  
3408 SOUTH STREET  
PORTSMOUTH, VA 23707  
PROJECT #: 8263  
LOGGED BY: JOSH GENT

DRILLER: ENVIRO DRILL INC.  
DRILLING METHOD: HOLLOW-STEM  
SAMPLING METHOD: SPLIT-SPOON  
DATE INSTALLED: 4/14/04  
TOTAL BORING DEPTH: 12' BGS.



## WELL CONSTRUCTION NOTES

8" MANHOLE COVER  
LOCK CAP

LITHOLOGIC  
DESCRIPTION

DEPTH  
(FEET)

SAMPLE  
INTERVAL

VOC'S  
(PPM)

CONCRETE

BENTONITE

2.0" O.D. SCH 40 PVC RISER

#3 SAND

2.0" O.D. 0.10 SLOT SCH 40 PVC SCREEN

TOP OF CASING ELEV.:	10.62
O.D. DIA. OF CASING:	2.0"
TYPE OF CASING:	SCH. 40 PVC
CASING FROM:	0.0'
TO:	2.0'
SCREEN FROM:	2.0'
TO:	12.0'
SAND FROM:	1.5'
TO:	12.0'
BENTONITE FROM:	1.0'
TO:	1.5'

\*\*\* DENOTES SAMPLE SUBMITTED  
FOR LABORATORY ANALYSES

BORING TERMINATED @ 12' BGS.

CONCRETE

BROWN TO GRAY  
SANDY SILTY  
CLAY

BROWN TO GRAY  
SILTY  
FINE TO MEDIUM  
GRAINED SAND,  
MOIST TO WET

LIGHT BROWN  
TO GRAY  
CLAYEY SILTY  
FINE GRAINED  
SAND

0.1\*

# MONITOR WELL CONSTRUCTION LOG

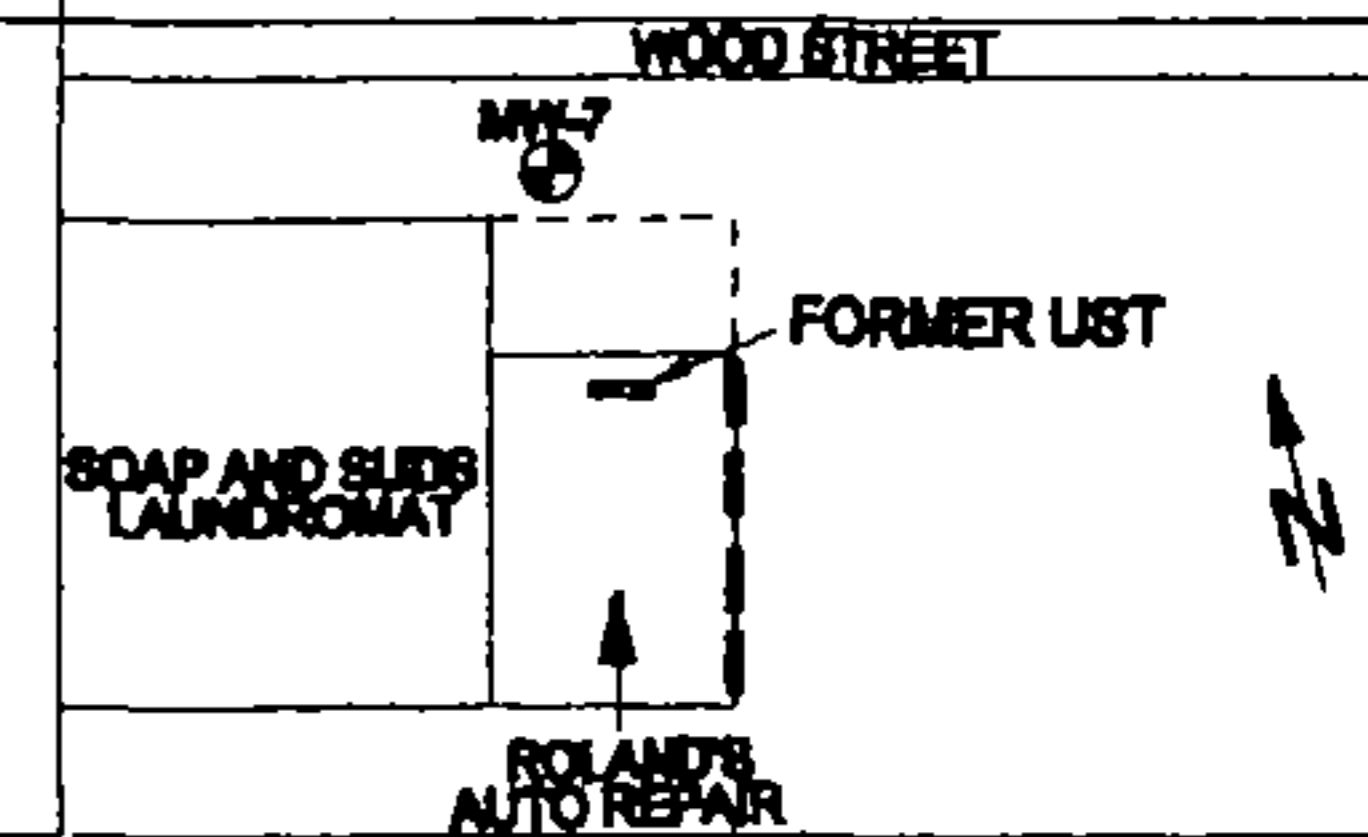
LOCATION: 42 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA

FACILITY: ROLAND'S AUTO REPAIR  
VDEQ PC NO.: 03-5158

WELL I.D. #: **MW-7**

CONSULTANT: EMS ENVIRONMENTAL, INC.  
3408 SOUTH STREET  
PORTSMOUTH, VA 23707  
PROJECT #: 8283  
LOGGED BY: JOSH GENT

DRILLER: ENVIRO DRILL INC.  
DRILLING METHOD: HOLLOW-STEM  
SAMPLING METHOD: SPLIT-SPOON  
DATE INSTALLED: 4/14/04  
TOTAL BORING DEPTH: 12' BGS.



## WELL CONSTRUCTION NOTES

8" MANHOLE COVER  
LOCK CAP

LITHOLOGIC  
DESCRIPTION

DEPTH  
(FEET)

SAMPLE  
INTERVAL

VOC'S  
(PPM)

CONCRETE

BENTONITE

2.0" O.D. SCH 40 PVC RISER

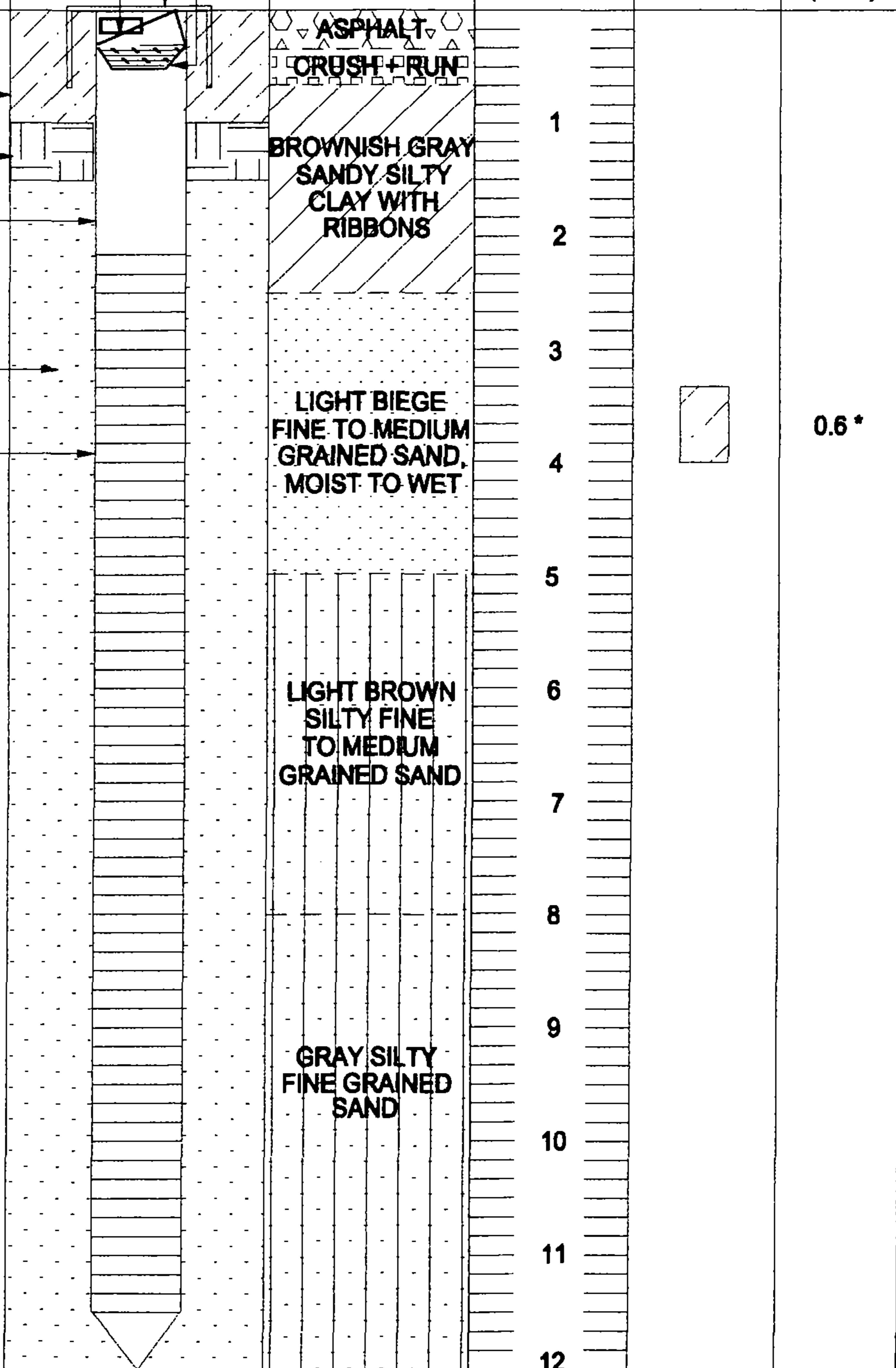
#3 SAND

2.0" O.D. 0.10 SLOT SCH 40 PVC SCREEN

TOP OF CASING ELEV.:	10.35
O.D. DIA. OF CASING:	2.0"
TYPE OF CASING:	SCH. 40 PVC
CASING FROM:	0.0'
TO:	2.0'
SCREEN FROM:	2.0'
TO:	12.0'
SAND FROM:	1.5'
TO:	12.0'
BENTONITE FROM:	1.0'
TO:	1.5'

\*\*\* DENOTES SAMPLE SUBMITTED  
FOR LABORATORY ANALYSES

BORING TERMINATED @ 12' BGS.



**APPENDIX F:**

**MISS UTILITY DISPOSITION TICKET**

FAXCFM 01044 VUPSa 04/01/04 15:59:31 A409000806-00A NORM RESP GRID

Thank you for calling "Miss Utility of Virginia"! This is an automatically generated response from the utilities who received your notice of excavation. If you have questions about the response, call the "field contact" for that utility or call the center at 1-800-552-7001 if a field contact is "unavailable". For your safety, please respect and protect the marks, excavate carefully around the marked utility lines and call the Miss Utility center if you see clear evidence of unmarked utilities.

Ticket : A409000806 Rev: 00A Taken: 03/30/04 09:48AM

State: VA Cnty: NORFOLK CITY Place:

Subdivision: ROLAND'S AUTO

Address : 42 DOWNTOWN PLAZA SHOPPING CENTER

Work date: 04/02/04 07:00AM Responses due by: 04/02/04 07:00AM

Utility	Description	Response	
A0BS23	TELCOVE No Conflict, utility is outside of stated work area Field Contact: MIKE SMITH (877)540-1421	03/30/04 06:40 PM	30
ATT392	AT&T - ATLANTA Clear, No Facilities Field Contact: Unavailable	03/30/04 04:00 PM	20
CINS39	CITY OF NORFOLK - SEWER Clear, privately owned utility on property - contact private utility owner for locate Field Contact: JOHN WEST (757)823-1001	03/31/04 03:57 PM	22
CINT59	CITY/NORF-DIV. OF TRANSP. Clear, No Facilities Field Contact: Unavailable	03/31/04 11:05 AM	20
CINW39	CITY OF NORFOLK - WATER Clear, privately owned utility on property - contact private utility owner for locate Field Contact: JOHN WEST (757)823-1010	03/31/04 03:57 PM	22
COX904	COX COMMUNICATIONS-HAMPTO No Conflict, utility is outside of stated work area Field Contact: JARROD FITZPATRICK (757)224-3763	04/01/04 10:13 AM	30
CPN036	VERIZON-NORFOLK No Conflict, utility is outside of stated work area Field Contact: UTILIQUEST (804)553-4681	04/01/04 10:30 AM	30
DOM200	DOMINION VIRGINIA POWER Marked Field Contact: Unavailable	04/01/04 10:30 AM	10
HRSD33	HAMPTON ROADS SANITATION No Conflict, utility is outside of stated work area Field Contact: GARY SOULE (757)460-7076	03/30/04 03:02 PM	30
VNG12D	VIRGINIA NATURAL GAS Marking instructions are unclear - please call Miss Utility Field Contact: BRANDON BADIS (800)815-6680	04/01/04 03:48 PM	94

FAXCFM 00049 VUPSa 04/03/04 11:53:32 A409000806-00A NORM RESP GRID

Thank you for calling "Miss Utility of Virginia"! This is an automatically generated response from the utilities who received your notice of excavation. If you have questions about the response, call the "field contact" for that utility or call the center at 1-800-552-7001 if a field contact is "unavailable". For your safety, please respect and protect the marks, excavate carefully around the marked utility lines and call the Miss Utility center if you see clear evidence of unmarked utilities.

Ticket : A409000806 Rev: 00A Taken: 03/30/04 09:48AM

State: VA Cnty: NORFOLK CITY Place:

Subdivision: ROLAND'S AUTO

Address : 42 DOWNTOWN PLAZA SHOPPING CENTER

Work date: 04/02/04 07:00AM Responses due by: 04/02/04 07:00AM

Utility	Description	Response	
ADBS23	TELCOVE	03/30/04 06:40 PM	30
	No Conflict, utility is outside of stated work area		
	Field Contact: MIKE SMITH (877)540-1421		
ATT392	AT&T - ATLANTA	03/30/04 04:00 PM	20
	Clear, No Facilities		
	Field Contact: Unavailable		
CINS39	CITY OF NORFOLK - SEWER	03/31/04 03:57 PM	22
	Clear, privately owned utility on property - contact private utility owner for locate		
	Field Contact: JOHN WEST (757)823-1001		
CINT59	CITY/NORF-DIV. OF TRANSP.	03/31/04 11:05 AM	20
	Clear, No Facilities		
	Field Contact: Unavailable		
CINW39	CITY OF NORFOLK - WATER	03/31/04 03:57 PM	22
	Clear, privately owned utility on property - contact private utility owner for locate		
	Field Contact: JOHN WEST (757)823-1010		
COX904	COX COMMUNICATIONS-HAMPTD	04/01/04 10:13 AM	30
	No Conflict, utility is outside of stated work area		
	Field Contact: JARROD FITZPATRICK (757)224-3763		
CPN036	VERIZON-NORFOLK	04/01/04 10:30 AM	30
	No Conflict, utility is outside of stated work area		
	Field Contact: UTILIQUEST (804)553-4681		
DOM200	DOMINION VIRGINIA POWER	04/01/04 10:30 AM	10
	Marked		
	Field Contact: Unavailable		
HRSD33	HAMPTON ROADS SANITATION	03/30/04 03:02 PM	30
	No Conflict, utility is outside of stated work area		
	Field Contact: GARY SOULE (757)460-7076		
VNG12D	VIRGINIA NATURAL GAS	04/03/04 11:42 AM	10
	Marked		
	Field Contact: BRANDON BADIS (800)815-6680		



---

**APPENDIX G:**  
**LIQUID DISPOSAL MANIFEST**



Emergency Response Telephone Number:

BILL OF LADING  
 NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1 of

Truck Number

3. Name and Mailing Address

EMS Environmental  
3406 South Street, Portsmouth, VA 23707

4. Phone (757) 497-8722

5. Transporter 1 Company Name

Cliff Berry, Inc.

6. US EPA ID Number

VA000000017500

A. Transporter's Phone

(757) 494-7300

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Cliff Berry, Inc.  
3701 Broadway Street  
Portsmouth, VA 23703

10. US EPA ID Number

VA0000004134

C. Facility's Phone

(757) 494-6303

11. Shipping Name and Description

12. Containers  
No. Type

13. Total Quantity

14. Unit Wt/Vol

a. Petroleum Contaminated Water

1 0 1 7 T 00096 g

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Pickup Location

15. Special Handling Instructions and Additional Information

24 hour emergency contact:  
CBI Mid Atlantic 1-866-494-0500

16. CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulation of the Department of Transportation. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Bill R Young

Signature [Signature]

Month Day Year 02 17 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Nathaniel C. Wiley

Signature [Signature]

Month Day Year 05 16 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

SHIPPER/GENERATOR

TRANSPORTER

FACILITY

---

**APPENDIX H:**

**ANALYTICAL REPORTS WITH CHAIN OF CUSTODY DOCUMENTATION**

4/21/04

CASE NARRATIVE

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: 8263  
Project Number: ROLAND'S AUTO SERVICE.  
Laboratory Project Number: 371597.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

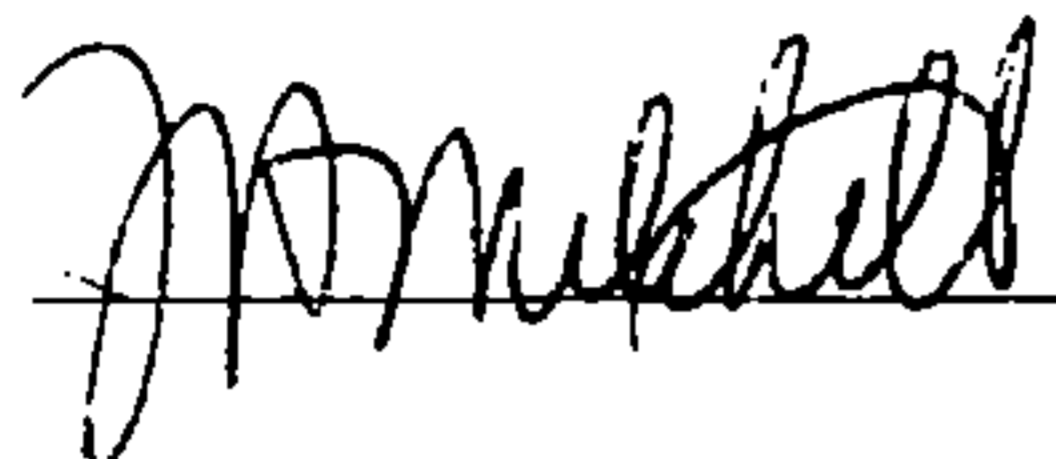
Page 1

Sample Identification	Lab Number	Collection Date
DISP-1	04-A56291	4/14/04
MW-4	04-A56292	4/14/04
MW-5	04-A56293	4/14/04
MW-6	04-A56294	4/14/04
MW-7	04-A56295	4/14/04
DISP-1	04-A56296	4/14/04

Sample Identification	Lab Number	Collection Date
-----------------------	------------	-----------------

These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By:



Report Date: 4/21/04

Johnny A. Mitchell, Operations Manager

Gail A. Lage, QA/QC

Michael H. Dunn, M.S., Technical Director

Glenn L. Norton, QA/QC

Pamela A. Langford, Technical Serv

Kelly S. Comstock, QA/QC

Eric S. Smith, QA/QC

Roxanne L. Connor, QA/QC

Laboratory Certification Number: 00323

This material is intended only for the use of the individual(s) or entity to whom it is addressed,  
and may contain information that is privileged and confidential. If you are not the intended recipient,  
or the employee or agent responsible for delivering this material to the intended recipient, you are  
hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited.  
If you have received this material in error, please notify us immediately at 615-726-0177.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A56291  
Sample ID: DISP-1  
Sample Type: Solid waste  
Site ID: NORFOLK

Project: 8263  
Project Name: ROLAND'S AUTO SERVICE  
Sampler: JOSHUA N. GENT

Date Collected: 4/14/04  
Time Collected: 15:30  
Date Received: 4/15/04  
Time Received: 8:05  
Page: 1

### TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike		Date	Time	Analyst	Method	QC Batch
				Recovery (%)						
Arsenic, TCLP	< 0.100	mg/l	5.0	89		4/17/04	15:30	C.Johnson	6010B	7763
Barium, TCLP	< 1.00	mg/l	100	97		4/17/04	15:30	C.Johnson	6010B	7763
Cadmium, TCLP	< 0.100	mg/l	1.0	93		4/17/04	15:30	C.Johnson	6010B	7763
Chromium, TCLP	< 0.500	mg/l	5.0	88		4/17/04	15:30	C.Johnson	6010B	7763
Lead, TCLP	< 0.500	mg/l	5.0	86		4/17/04	15:30	C.Johnson	6010B	7763
Mercury, TCLP	< 0.0100	mg/l	0.2	89		4/19/04	10:18	K. Keller	7470A	7758
Selenium, TCLP	< 0.100	mg/l	1.0	101		4/17/04	15:30	C.Johnson	6010B	7763
Silver, TCLP	< 0.100	mg/l	5.0	96		4/17/04	15:30	C.Johnson	6010B	7763
TCLP Extraction	Initiated					4/15/04	17:05	B.Minor	1311	5570

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.  
All results reported on a wet weight basis.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
 MIKE IWASHCHENKO  
 3406 SOUTH STREET  
 PORTSMOUTH, VA 23707

Lab Number: 04-A56292  
 Sample ID: MW-4  
 Sample Type: Soil  
 Site ID: NORFOLK

Project: ROLAND'S AUTO SERVICE  
 Project Name: 8263  
 Sampler: JOSHUA N. GENT

Date Collected: 4/14/04  
 Time Collected: 14:30  
 Date Received: 4/15/04  
 Time Received: 8:05  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Petroleum Hydrocarbons	17400	mg/kg	10.0	1	4/21/04	12:58	M. Ricke	418.1M	6171

LABORATORY COMMENTS:

ND = Not detected at the report limit.  
 B = Analyte was detected in the method blank.  
 J = Estimated Value below Report Limit.  
 E = Estimated Value above the calibration limit of the instrument.  
 # = Recovery outside Laboratory historical or method prescribed limits.  
 All results reported on a wet weight basis.  
 M = Method 418.1 modified for soil analysis.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A56293  
Sample ID: MW-5  
Sample Type: Soil  
Site ID: NORFOLK

Project: ROLAND'S AUTO SERVICE  
Project Name: 8263  
Sampler: JOSHUA N. GENT

Date Collected: 4/14/04  
Time Collected: 10:15  
Date Received: 4/15/04  
Time Received: 8:05  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Petroleum Hydrocarbons	ND	mg/kg	10.0	1	4/21/04	12:58	M. Ricke	418.1M	6171

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.  
All results reported on a wet weight basis.  
M = Method 418.1 modified for soil analysis.

End of Sample Report.



## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A56294  
Sample ID: MW-6  
Sample Type: Soil  
Site ID: NORFOLK

Project: ROLAND'S AUTO SERVICE  
Project Name: 8263  
Sampler: JOSHUA N. GENT

Date Collected: 4/14/04  
Time Collected: 11:15  
Date Received: 4/15/04  
Time Received: 8:05  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Petroleum Hydrocarbons	ND	mg/kg	10.0	1	4/21/04	12:58	M. Ricke	418.1M	6171

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.  
All results reported on a wet weight basis.  
M = Method 418.1 modified for soil analysis.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A56295  
Sample ID: MW-7  
Sample Type: Soil  
Site ID: NORFOLK

Project: ROLAND'S AUTO SERVICE  
Project Name: 8263  
Sampler: JOSHUA N. GENT

Date Collected: 4/14/04  
Time Collected: 9:30  
Date Received: 4/15/04  
Time Received: 8:05  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Petroleum Hydrocarbons	15.2	mg/kg	10.0	1	4/21/04	12:58	M. Ricke	418.1M	6171

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.  
All results reported on a wet weight basis.  
M = Method 418.1 modified for soil analysis.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A56296  
Sample ID: DISP-1  
Sample Type: Soil  
Site ID: NORFOLK

Project: ROLAND'S AUTO SERVICE  
Project Name: 8263  
Sampler: JOSHUA N. GENT

Date Collected: 4/14/04  
Time Collected: 15:30  
Date Received: 4/15/04  
Time Received: 8:05  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Petroleum Hydrocarbons	1060	mg/kg	10.0	1	4/21/04	12:58	M. Ricke	418.1M	6171
Extracted TOX	ND	mg/kg	50.0	1	4/16/04	9:45	S. Duncan	9023	5650

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.  
All results reported on a wet weight basis.  
M = Method 418.1 modified for soil analysis.

End of Sample Report.

**PROJECT QUALITY CONTROL DATA**  
**Project Number: ROLAND'S AUTO SERVICE**  
**Project Name: 8263**  
**Page: 1**  
**Laboratory Receipt Date: 4/15/04**

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
<b>**UST ANALYSIS**</b>								
Petroleum Hydrocarbons	mg/kg	< 10.0	707.	667.	106	94. - 112.	6171	blank
Petroleum Hydrocarbons	mg/kg	< 10.0	710.	667.	106	94. - 112.	6171	blank
<b>**METALS**</b>								
Arsenic, TCLP	mg/l	< 0.100	8.93	10.0	89	80 - 120	7763	'56742
Barium, TCLP	mg/l	1.29	98.1	100.	97	80 - 120	7763	'56742
Cadmium, TCLP	mg/l	0.235	9.57	10.0	93	80 - 120	7763	'56742
Chromium, TCLP	mg/l	< 0.500	44.2	50.0	88	80 - 120	7763	'56742
<u>5.0</u> Lead, TCLP	mg/l	<u>14.7</u>	57.8	50.0	86	80 - 120	7763	'56742
Mercury, TCLP	mg/l	< 0.0100	0.890	1.00	89	80 - 120	7758	04-A56282
Selenium, TCLP	mg/l	< 0.100	10.1	10.0	101	80 - 120	7763	'56742
Silver, TCLP	mg/l	< 0.100	9.61	10.0	96	80 - 120	7763	'56742
<b>**MISC PARAMETERS**</b>								
Extracted TOX	mg/kg	< 50.0	1020	1000	102	80 - 120	5650	04-A56157

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
---------	-------	------------	-----------	-----	-------	------------

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**  
**Project Number: ROLAND'S AUTO SERVICE**  
**Project Name: 8263**  
**Page: 2**  
**Laboratory Receipt Date: 4/15/04**

**METALS**						
Arsenic, TCLP	mg/l	<u>8.93</u>	9.39	5.02	20	7763
Barium, TCLP	mg/l	<u>98.1</u>	102.	3.90	20	7763
Cadmium, TCLP	mg/l	<u>9.57</u>	10.0	4.39	20	7763
Chromium, TCLP	mg/l	<u>44.2</u>	46.3	4.64	20	7763
Lead, TCLP	mg/l	<u>57.8</u>	60.2	4.07	20	7763
Mercury, TCLP	mg/l	<u>0.890</u>	0.920	3.31	20	7758
Selenium, TCLP	mg/l	<u>10.1</u>	10.5	3.88	20	7763
Silver, TCLP	mg/l	<u>9.61</u>	9.91	3.07	20	7763
**MISC PARAMETERS**						
Petroleum Hydrocarbons	mg/kg	707.	710.	0.42	50	6171
Extracted TOX	mg/kg	1020	1010	0.99	20	5650

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
**UST PARAMETERS**						
Petroleum Hydrocarbons	mg/kg	667.	714.	107	90 - 112	6171
**METALS**						
Arsenic, TCLP	mg/l	1.00	0.941	94	80 - 120	7763
Barium, TCLP	mg/l	10.0	10.4	104	80 - 120	7763
Cadmium, TCLP	mg/l	1.00	1.01	101	80 - 120	7763
Chromium, TCLP	mg/l	5.00	4.80	96	80 - 120	7763
Lead, TCLP	mg/l	5.00	4.72	94	80 - 120	7763
Mercury, TCLP	mg/l	0.100	0.0890	89	76 - 123	7758
Selenium, TCLP	mg/l	1.00	1.04	104	80 - 120	7763
Silver, TCLP	mg/l	1.00	0.965	96	80 - 120	7763

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**  
**Project Number: ROLAND'S AUTO SERVICE**  
**Project Name: 8263**  
**Page: 3**  
**Laboratory Receipt Date: 4/15/04**

**\*\*MISC PARAMETERS\*\***

Extracted TOX                    mg/kg                    1000                    1010                    101                    90 - 114                    5650

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Extracted TOX	mg/kg	< 50.0	< 50.0	N/A	15.	5650	04-A56296

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
---------	-------------	-------	------------	---------------	---------------

**\*\*UST PARAMETERS\*\***

Petroleum Hydrocarbons                    < 10.0                    mg/kg                    6171                    4/21/04                    12:58

**\*\*METALS\*\***

Arsenic, TCLP	< 0.100	mg/l	7763	4/17/04	15:30
Barium, TCLP	< 1.00	mg/l	7763	4/17/04	15:30
Cadmium, TCLP	< 0.100	mg/l	7763	4/17/04	15:30
Chromium, TCLP	< 0.500	mg/l	7763	4/17/04	15:30
Lead, TCLP	< 0.500	mg/l	7763	4/17/04	15:30
Mercury, TCLP	< 0.0100	mg/l	7758	4/19/04	10:18
Selenium, TCLP	< 0.100	mg/l	7763	4/17/04	15:30
Silver, TCLP	< 0.100	mg/l	7763	4/17/04	15:30

**\*\*MISC PARAMETERS\*\***

Extracted TOX                    < 50.0                    mg/kg                    5650                    4/16/04                    9:45

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

**Project Number: ROLAND'S AUTO SERVICE**

**Project Name: 8263**

**Page: 4**

**Laboratory Receipt Date: 4/15/04**

# = Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 371597



**Client Name :** EMS

**Cooler Received/Opened On:** 4/15/04 **Accessioned By:** Shawn Gracey

[Signature]  
Log-in Personnel Signature

- 1. Temperature of Cooler when triaged: 1.2 Degrees Celsius
- 2. Were custody seals on outside of cooler?..... YES...NO...NA
  - a. If yes, how many, what kind and where: 2, Front/Back
- 3. Were custody seals on containers and intact?..... NO...YES...NA
- 4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
- 5. Were custody papers inside cooler?..... YES...NO...NA
- 6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
- 7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
- 8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
- 9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
- 10. Did all containers arrive in good condition ( unbroken)?..... YES...NO...NA
- 11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
- 12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
- 13. Were correct containers used for the analysis requested?..... YES...NO...NA
- 14. a. Were VOA vials received?..... YES...NO...NA
  - b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
- 15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
- 16. Were correct preservatives used?..... YES...NO...NA

If not, record standard ID of preservative used here \_\_\_\_\_

17. Was residual chlorine present?..... NO...YES...NA

18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

7776  
Fed-Ex      UPS      Velocity      Airborne      Route      Off-street      Misc.

19. If a Non-Conformance exists, see attached or comments below:



# TestAmerica

INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Fax: 615-726-3404

## 371597

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: EMS 8658 Client #: 8658  
 Address: 3406 South Street  
 City/State/Zip Code: Portsmouth VA 23707  
 Project Manager: \_\_\_\_\_ State: VA  
 Telephone Number: 757-397-8783 Fax: 757-397-8785  
 Sampler Name: (Print Name) Joshua Bent  
 Sampler Signature: [Signature] PO#: \_\_\_\_\_  
 Project Name: Robind's Auto Service  
 Project #: 8263  
 Site/Location ID: Norfolk  
 Report To: Paul Young  
 Invoice To: EMS Environmental, Inc.

TAT Standard Rush (surcharges may apply)	Date Needed: _____	Fax Results: Y N	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix Preservation & # of Containers						Other (Specify)	Analyze For	QC Deliverables	REMARKS			
								SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	MW - Wastewater	Specify Other	HNO <sub>3</sub>	HCl					NaOH	H <sub>2</sub> SO <sub>4</sub>	Methanol
			MW-4	4/14/04	2:30	G								ICF	Method 418.1 TPH	Method 920-TOX	Method 1311-Extraction	TCLP Metal Analysis	5-10292	Stk 2
			MW-5		10:15	G													93	
			MW-6		11:15	G													94	
			MW-7		9:30	G													95	
			DISP-1		8:30	C								3					Stk 291 / 5102916	
<p><b>Special Instructions:</b> VA Detection Limits</p> <p>Relinquished By: <u>[Signature]</u> Date: <u>4/14</u> Time: <u>3:50</u>                  Relinquished By: _____ Date: _____ Time: _____                  Relinquished By: _____ Date: <u>4/15/04</u> Time: <u>10:05</u></p>																				
<p><b>LABORATORY COMMENTS:</b>                  Init Lab Temp: _____                  Rec Lab Temp: <u>1.2</u>                  Custody Seals: <u>Y</u> N                  Bottles Supplied by TestAmerica: Y N                  Method of Shipment: _____</p>																				

5/24/04

## CASE NARRATIVE

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: ROLAND'S AUTO  
Project Number: 8263.  
Laboratory Project Number: 375702.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification	Lab Number	Page 1 Collection Date
-----	-----	-----
MW-2	04-A76042	5/18/04
MW-3	04-A76043	5/18/04
MW-4	04-A76044	5/18/04
MW-5	04-A76045	5/18/04
MW-6	04-A76046	5/18/04
MW-7	04-A76047	5/18/04

Sample Identification

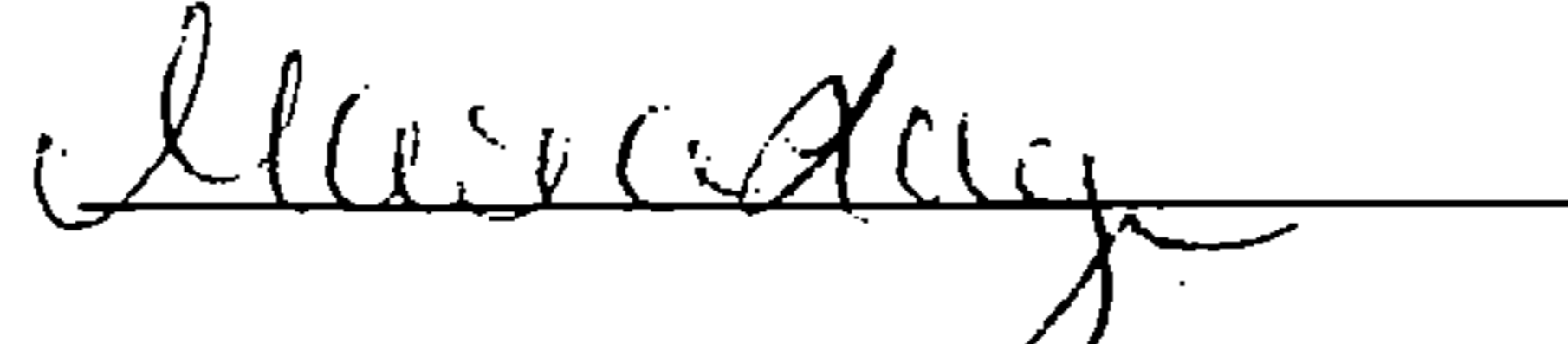
Lab Number

Collection Date

-----  
-----  
-----

These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By:



Report Date: 5/24/04

Johnny A. Mitchell, Operations Manager  
Michael H. Dunn, M.S., Technical Director  
Pamela A. Langford, Technical Services  
Eric S. Smith, QA/QC Director

Gail A. Lage, Technical Services  
Glenn L. Norton, Technical Services  
Kelly S. Comstock, Technical Services  
Roxanne L. Connor, Technical Services

Laboratory Certification Number: 00323

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hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited.  
If you have received this material in error, please notify us immediately at 615-726-0177.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A76042  
Sample ID: MW-2  
Sample Type: Water  
Site ID:

Project: 8263  
Project Name: ROLAND'S AUTO  
Sampler: PAUL YOUNG

Date Collected: 5/18/04  
Time Collected: 10:48  
Date Received: 5/19/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH IR water	428.	ug/L	100.	1.0	5/24/04	8:07	M. Ricke	418.1	494

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A76043  
Sample ID: MW-3  
Sample Type: Water  
Site ID:

Project: 8263  
Project Name: ROLAND'S AUTO  
Sampler: PAUL YOUNG

Date Collected: 5/18/04  
Time Collected: 10:52  
Date Received: 5/19/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH IR water	34800	ug/L	100.	1.0	5/24/04	8:07	M. Ricke	418.1	494

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
 MIKE IWASHCHENKO  
 3406 SOUTH STREET  
 PORTSMOUTH, VA 23707

Lab Number: 04-A76044  
 Sample ID: MW-4  
 Sample Type: Water  
 Site ID:

Project: 8263  
 Project Name: ROLAND'S AUTO  
 Sampler: PAUL YOUNG

Date Collected: 5/18/04  
 Time Collected: 10:58  
 Date Received: 5/19/04  
 Time Received: 8:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH IR water	259.	ug/L	100.	1.0	5/24/04	8:07	M. Ricke	418.1	494

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A76045  
Sample ID: MW-5  
Sample Type: Water  
Site ID:

Project: 8263  
Project Name: ROLAND'S AUTO  
Sampler: PAUL YOUNG

Date Collected: 5/18/04  
Time Collected: 11:04  
Date Received: 5/19/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH IR water	129.	ug/L	100.	1.0	5/24/04	8:07	M. Ricke	418.1	494

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A76046  
Sample ID: MW-6  
Sample Type: Water  
Site ID:

Project: 8263  
Project Name: ROLAND'S AUTO  
Sampler: PAUL YOUNG

Date Collected: 5/18/04  
Time Collected: 10:43  
Date Received: 5/19/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH IR water	106.	ug/L	100.	1.0	5/24/04	8:07	M. Ricke	418.1	494.

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.



## ANALYTICAL REPORT

EMS ENVIRONMENTAL 8658  
MIKE IWASHCHENKO  
3406 SOUTH STREET  
PORTSMOUTH, VA 23707

Lab Number: 04-A76047  
Sample ID: MW-7  
Sample Type: Water  
Site ID:

Project: 8263  
Project Name: ROLAND'S AUTO  
Sampler: PAUL YOUNG

Date Collected: 5/18/04  
Time Collected: 10:38  
Date Received: 5/19/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
TRPH IR water	166.	ug/L	100.	1.0	5/24/04	8:07	M. Ricke	418.1	494

### LABORATORY COMMENTS:

ND = Not detected at the report limit.  
B = Analyte was detected in the method blank.  
J = Estimated Value below Report Limit.  
E = Estimated Value above the calibration limit of the instrument.  
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

**PROJECT QUALITY CONTROL DATA**

Project Number: 8263

Project Name: ROLAND'S AUTO

Page: 1

Laboratory Receipt Date: 5/19/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on a true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
**UST ANALYSIS**								
TRPH IR water	mg/l	< 0.100	20.0	20.0	100	94. - 110.	494	blank

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
**MISC PARAMETERS**						
TRPH IR water	mg/l	20.0	20.1	0.50	50	494

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
**UST PARAMETERS**						
TRPH IR water	mg/l	20.0	20.2	101	90 - 111	494

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 8263

Project Name: ROLAND'S AUTO

Page: 2

Laboratory Receipt Date: 5/19/04

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
-----	-----	-----	-----	-----	-----	-----	-----

Blank Data

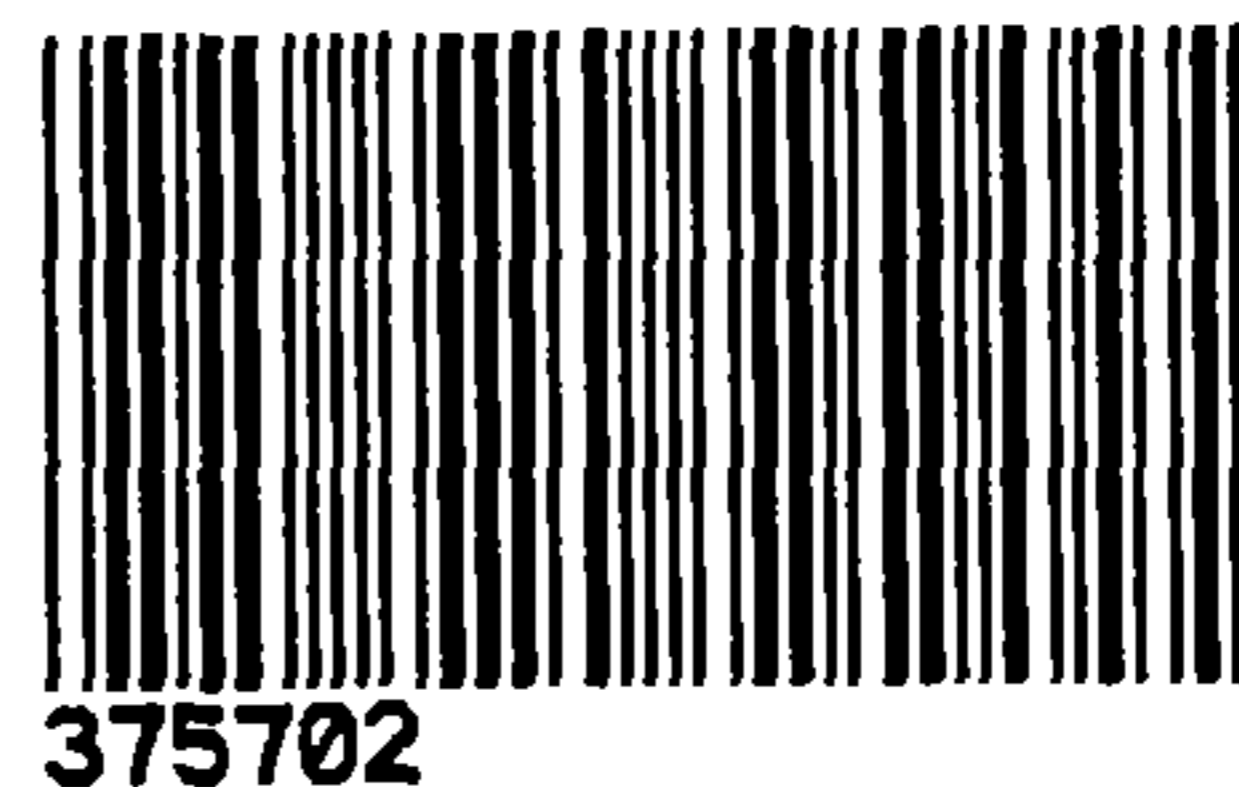
Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

\*\*UST PARAMETERS\*\*

TRPH IR water	< 0.100	mg/l	494	5/24/04	8:07
---------------	---------	------	-----	---------	------

# - Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 375702



Client Name : EMS

Cooler Received/Opened On: 5/19/04 Accessioned By: Mark Beasley

[Signature]  
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.6 Degrees Celsius
2. Were custody seals on outside of cooler?.....  YES...NO...NA
  - a. If yes, how many, what kind and where: 2 Front/Back
3. Were custody seals on containers and intact?.....  NO...YES...NA
4. Were the seals intact, signed, and dated correctly?.....  YES...NO...NA
5. Were custody papers inside cooler?.....  YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?.....  YES...NO...NA
7. Did you sign the custody papers in the appropriate place?.....  YES...NO...NA
8. What kind of packing material used?  Bubblewrap  Peanuts  Vermiculite  Other  None
9. Cooling process:  Ice  Ice-pack  Ice (direct contact)  Dry ice  Other  None
10. Did all containers arrive in good condition ( unbroken)?.....  YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?.....  YES...NO...NA
12. Did all container labels and tags agree with custody papers?.....  YES...NO...NA
13. Were correct containers used for the analysis requested?.....  YES...NO...NA
14. a. Were VOA vials received?.....  YES...NO...NA
  - b. Was there any observable head space present in any VOA vial?.....  NO...YES...NA
15. Was sufficient amount of sample sent in each container?.....  YES...NO...NA
16. Were correct preservatives used?.....  YES...NO...NA

If not, record standard ID of preservative used here \_\_\_\_\_

17. Was residual chlorine present?.....  NO...YES...NA

18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

1676 \_\_\_\_\_

UPS      Velocity      Airborne      Route      Off-street       Fedex      Misc.

19. If a Non-Conformance exists, see attached or comments below:

# TestAmerica

INCORPORATED  
THE ENVIRONMENTAL

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Fax: 615-726-3404

## 375702

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: \_\_\_\_\_ Client #: 8653  
Address: 1406 WHITE STREET  
City/State/Zip Code: PORTSMOUTH VA 23707  
Project Manager: \_\_\_\_\_  
Telephone Number: 757-337-6515 Fax: NONE OTHER REQUESTED  
Sampler Name: (Print Name) Paul R. Young  
Sampler Signature: *Paul R. Young*  
Quote #: 8263

Project Name: Roland's Auto  
Project #: 8263  
Site/Location ID: Norfolk State: VA  
Report To: EMS Environmental  
Invoice To: EMS Environmental  
Quote #: 8263

TAT Standard Rush (surcharges may apply)	Date Needed:	Fax Results: Y N	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	Preservation & # of Containers					REMARKS	QC Deliverables
									SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	WW - Wastewater Specify Other	HNO <sub>3</sub>	HCl		
			MW-2	5/18/04	10:48	G		GW							HCl
			MW-3		10:52										
			MW-4		10:58										
			MW-5		11:04										
			MW-6		10:43										
			MW-7		10:38										

Special Instructions: VA. REGS

LABORATORY COMMENTS:  
Init Lab Temp: \_\_\_\_\_  
Rec Lab Temp: 26

Custody Seals: Y N N/A  
Bottles Supplied by Test America: Y N

Method of Shipment: \_\_\_\_\_

Relinquished By: <i>[Signature]</i>	Date: 5/19/04	Time: 8:00
Received By: <i>[Signature]</i>	Date: 5/19/04	Time: 11:17
Relinquished By: _____	Date: _____	Time: _____
Received By: _____	Date: _____	Time: _____

---

**APPENDIX I:**

**HYDROCARBON PROPERTIES, TOXICITY CHARACTERISTICS,  
AND EXPOSURE PATHWAYS**

## Hydrocarbon Properties, Toxicity Characteristics, and Exposure Pathways

In general, free and dissolved phase hydrocarbon compounds are transported by groundwater in the direction of groundwater flow. Adsorbed and vapor phase hydrocarbon transport is generally in a radial direction away from the point of release. A percentage of organic compounds found in petroleum are known as monocyclic aromatic hydrocarbons (MAHs). The MAHs have a one-ring benzene structure, usually have relatively high vapor pressure, low to moderate sorption potentials, and relatively high solubilities. These chemical properties make it possible for MAHs to be removed from soil and surface water by volatilization. The concentrations of MAHs in groundwater can also be reduced by dilution and dispersion. Human exposure to hydrocarbons can occur by inhalation, ingestion, dermal contact, and sustenance transfer or bio-accumulation through the food chain.

Analysis for BTEX (benzene, toluene, ethyl-benzene, and xylenes) measures the concentrations of petroleum compounds with relatively low molecular weights. The less toxic, heavier weight compounds are detected by TPH analysis. The lighter hydrocarbon compounds are benzene, toluene, ethyl-benzene, and xylenes. Their individual toxic and carcinogenic effects are listed below.

**Benzene** is toxicologically the most significant member to the aromatic series. It is extremely volatile and therefore, the primary route of exposure to benzene is by vapor inhalation. Severe systemic injury can result from the inhalation of its vapor. Exposure to high concentrations of benzene can cause depression of the central nervous system. Symptoms include severe narcosis, bleeding under the skin and eyes, drowsiness, reduced clotting ability, vertigo, nervousness, and headache that may extend to respiratory paralysis, unconsciousness, and death, with or without convulsions. It is believed that individual response to acute benzene exposure varies, but severe effects of benzene intoxication can arise and persist long after the exposure has occurred. Based on epidemiological evidence, the United States Environmental Protection Agency (EPA) has classified benzene as a Group A carcinogen. The threshold limit value as defined by the American Conference of Governmental Industrial Hygienists (ACGIH, 1988) is 10 milligrams per liter (mg/L).

**Toluene** is generally much less toxic and volatile than benzene. Although it lacks toxic potential to cause permanent hematologic damage, excessive exposure can affect the central nervous system causing fatigue, dizziness, mental confusion, anesthetic, nausea, vomiting, and difficult breathing. Toluene vapors are irritating to the eyes, nose, and throat. The threshold limit value of toluene is 100 parts per million (ppm) (ACGIH, 1988).

**Ethyl-benzene** is not considered carcinogenic or mutagenic, but has toxic effects that include cellular changes in the liver and kidney. Inhalation of high concentrations of ethyl-benzene can cause irritation to eyes, nose, and throat. The threshold limit value for ethyl-benzene is 100 ppm (ACGIH, 1988).

**Xylenes** are also not considered carcinogenic or mutagenic, but they do have toxic effects. Xylene vapors are irritating to the eyes, nose, and throat. If inhaled, xylene vapors will cause headaches, difficult breathing, or loss of consciousness. The threshold limit value for xylenes is 100 ppm (ACGIH, 1988).

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**APPENDIX J:**  
**LIMITATIONS**



## LIMITATIONS

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It is important to note that the soil and groundwater samples analyzed in this investigation that were collected by EMS are considered as isolated data points which may not be representative of the subsurface conditions across the entire site; therefore, the conclusions of this investigation may not be completely indicative of all subsurface conditions. The conclusions are based on the scope of work completed by EMS as described herein in accordance with industry standards and practices. No other warranty is expressed or implied, and EMS will accept no responsibility for damages or claims resulting from a past or future release or subsequent remediation.

PDR MTL

# McCALLUM

## TESTING LABORATORIES, INC.

Geotechnical Engineering, Materials Testing & Environmental Services

August 12, 2003

Downtown Plaza Associates  
c/o Jon Wilkins  
4415 Deborah Ct.  
Chesapeake, Virginia 23321



Subject: Initial Abatement Measures Report  
Roland's Auto Repair  
#42 Downtown Plaza  
Norfolk, Virginia  
MTL Project #03-1371 / 03-4051

03-5158

Dear Mr. Wilkins:

McCallum Testing Laboratories, Inc. is pleased to present the results of the Initial Abatement Measures investigation for the subject property, prepared in general conformance with the Department of Environmental Quality (DEQ) Petroleum Program Manual, effective October 4, 2001.

Should you have any questions regarding this report, please contact our office at your convenience.

Sincerely,

**MCCALLUM TESTING LABORATORIES, INC.**

  
For Marvin D. Smith  
Project Geologist

  
Richard Seage, P.G.  
Manager  
Environmental Services

Copy: Marina Phillips

# **McCALLUM**

**TESTING LABORATORIES, INC.**

Geotechnical Engineering, Materials Testing & Environmental Services

**INITIAL ABATEMENT MEASURES REPORT  
ROLAND'S AUTO REPAIR  
#42 DOWNTOWN PLAZA  
NORFOLK, VIRGINIA  
MTL Project # 03-1371 / 03-4051**

**Submit to:**

**Virginia Department of Environmental Quality  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, Virginia 23462**

**Prepared for:**

**Jon Wilkins  
Downtown Plaza Associates  
4415 Deborah Ct.  
Chesapeake, Virginia 23321**

**Prepared by:**

**McCALLUM TESTING LABORATORIES, INC.  
1808 Hayward Avenue  
Chesapeake, VA 23320**

**SIGNATURE/CERTIFICATION SHEET**

Prepared by:

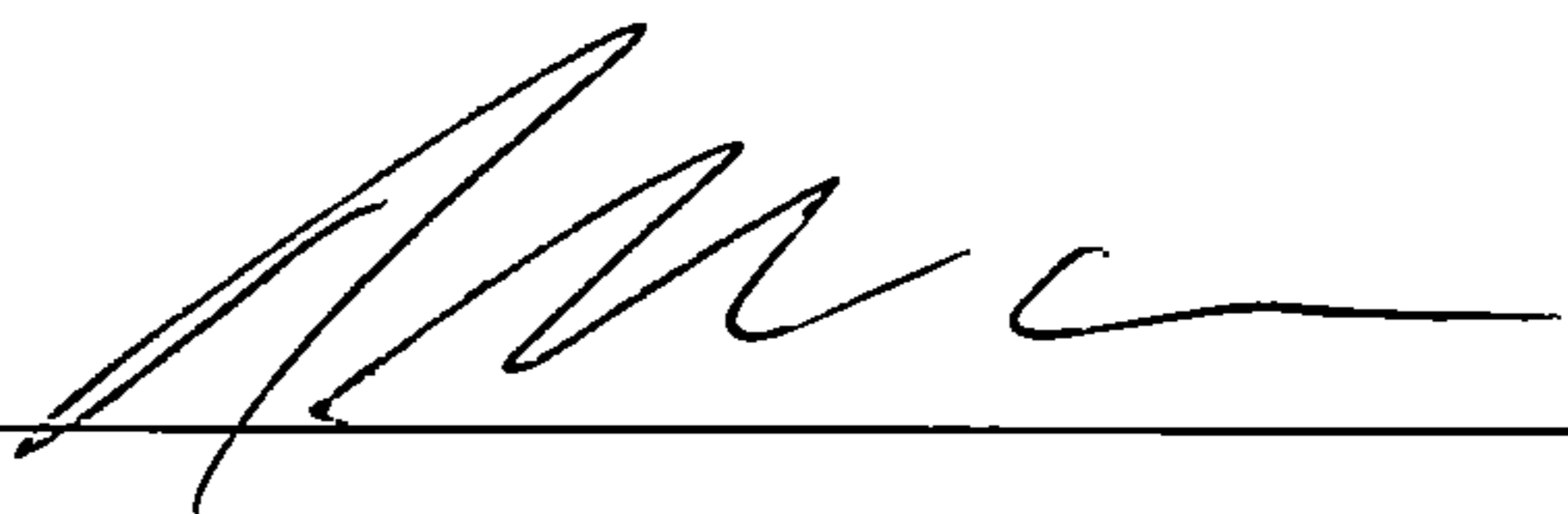
I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

*for*  
Marvin D. Smith  
Project Geologist



---

Richard Seage, P.G.  
Manager, Environmental Services  
VA Professional Certification : CPG #466



---

McCallum Testing Laboratories, Inc.  
1808 Hayward Avenue  
Chesapeake, Virginia 23320  
Phone: (757) 420-2520  
Fax: (757) 424-2874

Property Owner:

Downtown Plaza Associates  
4415 Deborah Ct.  
Chesapeake, Virginia 23321

**INITIAL ABATEMENT MEASURES REPORT  
ROLAND'S AUTO REPAIR  
NORFOLK, VIRGINIA**

**Section 1.0 PROJECT HISTORY**

During an underground storage tank (UST) facility inspection by the Virginia Department of Environmental Quality (DEQ) at Roland's Auto Repair on February 20, 2003, the inspector noted non-compliance issues for the existing used oil UST and requested upgrade or closure of the used oil UST. Downtown Plaza Associates decided to have the UST closed and due to the location of the tank, in-place closure was recommended by the tank removal contractor.

Prior to closure, McCallum Testing Laboratories drilled a 10 ft. deep soil boring (B-1) adjacent to the UST with an Earthprobe direct push technology (DPT) sampler and a soil sample was collected for Total Petroleum Hydrocarbon (TPH) analysis. The result of the TPH analysis is presented below.

<b>LABORATORY RESULTS</b>	
<b>SAMPLE</b>	<b>TPH CONCENTRATION (mg/kg)</b>
<b>B-1 (4-6')</b>	<b>26,000</b>
<b>mg/kg – Equivalent to parts per million (ppm)</b>	

The DEQ was notified of the laboratory results and the site conditions. Based on the high TPH concentration, the DEQ requested that a Site Check be performed to help determine if a significant release had occurred. This report is the result of that investigation.

**Section 2.0 SITE CHECK**

**Section 2.1 Soil Investigation**

On August 1, 2003, McCallum performed a Site Check at Roland's Auto Repair to measure for the presence of petroleum hydrocarbon contamination. The Site Check consisted of drilling three soil borings (MW-1, MW-2, MW-3) in the vicinity of the recently closed-in-place UST. Boring MW-1 was drilled where the previous in-place closure sample (B-1) had been drilled; boring MW-2 was drilled approximately 20 to 25 feet east of MW-1 outside of the repair bay and MW-3 was drilled approximately 20 to 25 feet south of MW-1 in the adjacent repair bay. The Site Drawing (Figure 2) shows the locations of the borings.

Soil samples were collected at two foot intervals with stainless steel split spoon samplers, from the surface, to the bottom of each boring. The split spoon samplers were cleaned with an Alconox solution between samples to prevent cross contamination. Groundwater was encountered at a depth of approximately 5 to 6 feet at the time of drilling.

Each soil sample was scanned for volatile organic vapors using a Photoionization Detector (PID), calibrated using 100 parts per million isobutylene standard. This instrument is designed to detect ionizable volatile organic compounds (VOC) vapors, including petroleum. The PID scan responses are shown on the table below.

<b>PID Response</b>			
<b>Depth (ft.)</b>	<b>MW-1</b>	<b>MW-2</b>	<b>MW-3</b>
0 – 2	20	6	6
2 – 4	179	6	29
4 – 6	<b>154</b>	<b>6</b>	<b>99</b>
6 – 8	90	6	47
8 – 10	15	6	38

**PID calibrated with 100 parts per million (ppm) isobutylene gas**  
**Bold – Sample submitted to laboratory**

The soil sample from the soil/groundwater interface (4-6') in each boring was submitted to EnviroCompliance Laboratories for Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1. The TPH results are shown in the following table and the laboratory's Certificate of Analysis and Chain of Custody Forms are attached.

<b>Laboratory Results (Soil)</b>		
<b>SAMPLE</b>	<b>DEPTH (ft.)</b>	<b>TPH 418.1 (mg/kg)</b>
<b>MW-1</b>	4-6'	18304
<b>MW-2</b>	4-6'	49.6
<b>MW-3</b>	4-6'	42419

**BDL – Below Detection Limit**  
**mg/kg – Equivalent to parts per million (ppm)**

## **Section 2.2 Groundwater Investigation**

To help determine the condition of the groundwater beneath the site, a 10 foot deep, 2 inch diameter groundwater monitoring well was installed in each of the three borings and a groundwater sample was collected from each monitoring well. Prior to the collection of the groundwater samples, each well was purged by removing at least three well volumes of groundwater to allow representative formation water to enter.

Groundwater samples were collected and placed in clean, 1 liter containers with Teflon lined lids, labeled, and preserved on ice for transportation to the laboratory. A chain of custody form accompanied the samples from the time of collection to the time of analysis. Groundwater samples were submitted to EnviroCompliance Laboratories for TPH analysis using EPA Test Method 418.1. The results of the laboratory analysis are presented in the following table.

<b>Laboratory Results (Groundwater)</b>	
<b>SAMPLE</b>	<b>TPH 418.1 (mg/L)</b>
<b>MW-1</b>	2.4
<b>MW-2</b>	0.8
<b>MW-3</b>	1.1
<b>BDL – Below Detection Limit</b>	
<b>mg/L – Equivalent to parts per million (ppm)</b>	

### **Section 2.3 Free Product**

The groundwater in each monitoring well was examined for free product immediately following installation of the wells and none was detected. The wells were allowed to stabilize over a period of one week and were re-examined. No free product was detected when re-examined.

### **Section 3.0 CONCLUSION / RECOMMENDATIONS**

The results of this Site Check indicate that significantly contaminated soil is present beneath the site. However, the contamination may be isolated to the immediate areas of the existing hydraulic lifts and may not extend significantly beyond the building. No free product has been detected to date, in any of the monitoring wells. However, the TPH concentrations detected in the soils of MW-1 and MW-3 reflect possible petroleum saturation and the potential for free product. Only minor groundwater contamination has been detected beneath the site as a result of the release.

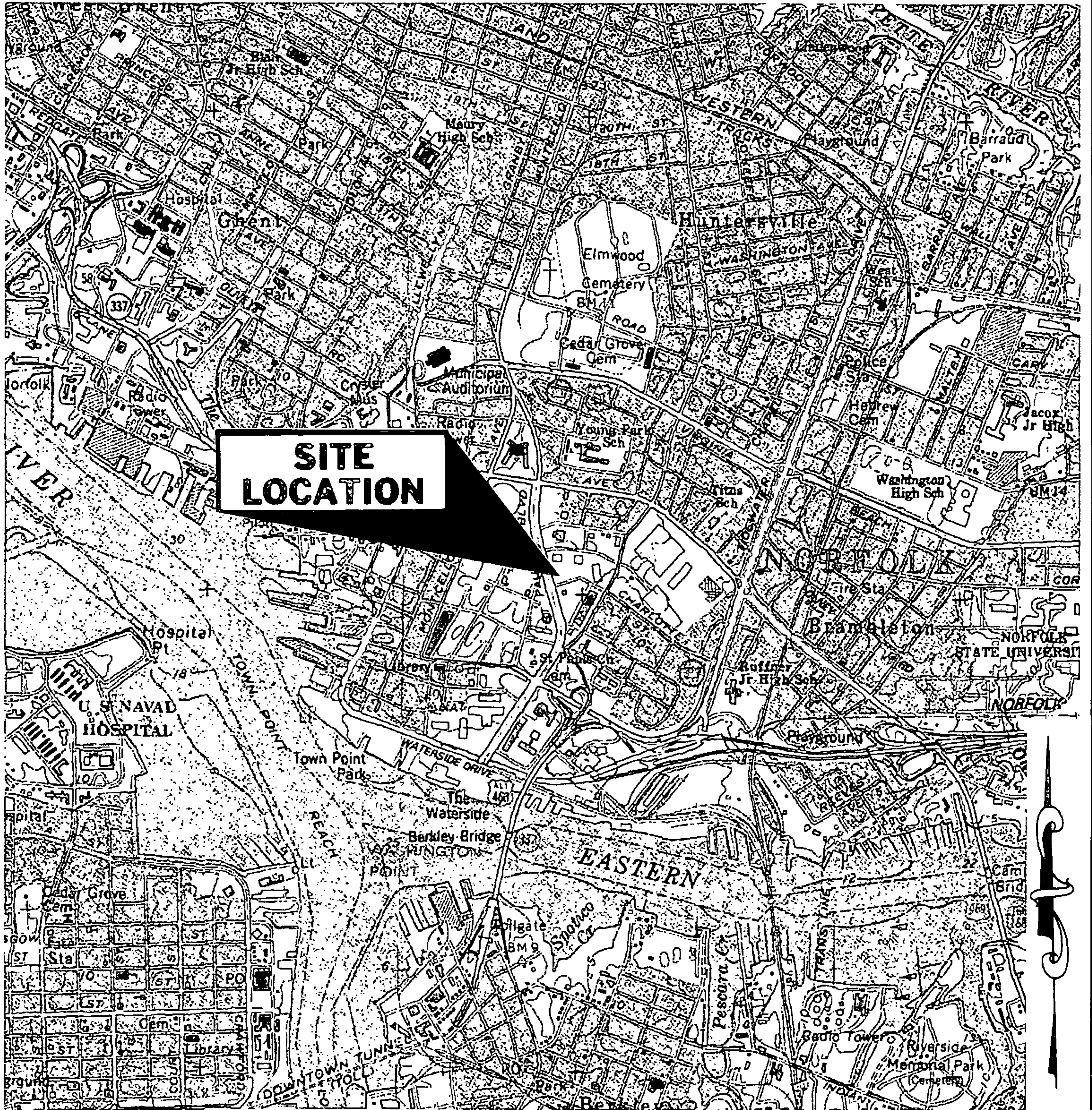
The closest surface water body to the site is the Eastern Branch of the Elizabeth River which is located approximately 3,000 to 3,500 feet southwest of the site. The site and surrounding properties use city water.

Currently, there appears to be no significant health or environmental risk associated with this release. However, due to the presence of possible petroleum saturated soil, it is recommended that the groundwater monitoring wells be periodically monitored for free product. Should measurable amounts of free product be detected in the wells, recovery efforts should be initiated.

## **Section 4.0 LIMITATIONS**

Our conclusions and recommendations are limited by the scope of our services and express our professional opinion based on information available to us at the time of the investigation. It is important to note that the soil and groundwater samples analyzed in this investigation are considered as isolated data points which may not be representative of subsurface conditions across the entire site. Therefore, the conclusions of this investigation may not be completely indicative of all subsurface conditions. The conclusions are based on the scope of work described herein and the best available data at this time. No other warranty is expressed or implied. This report does not warrant against future operations or present conditions not discovered by this investigation.



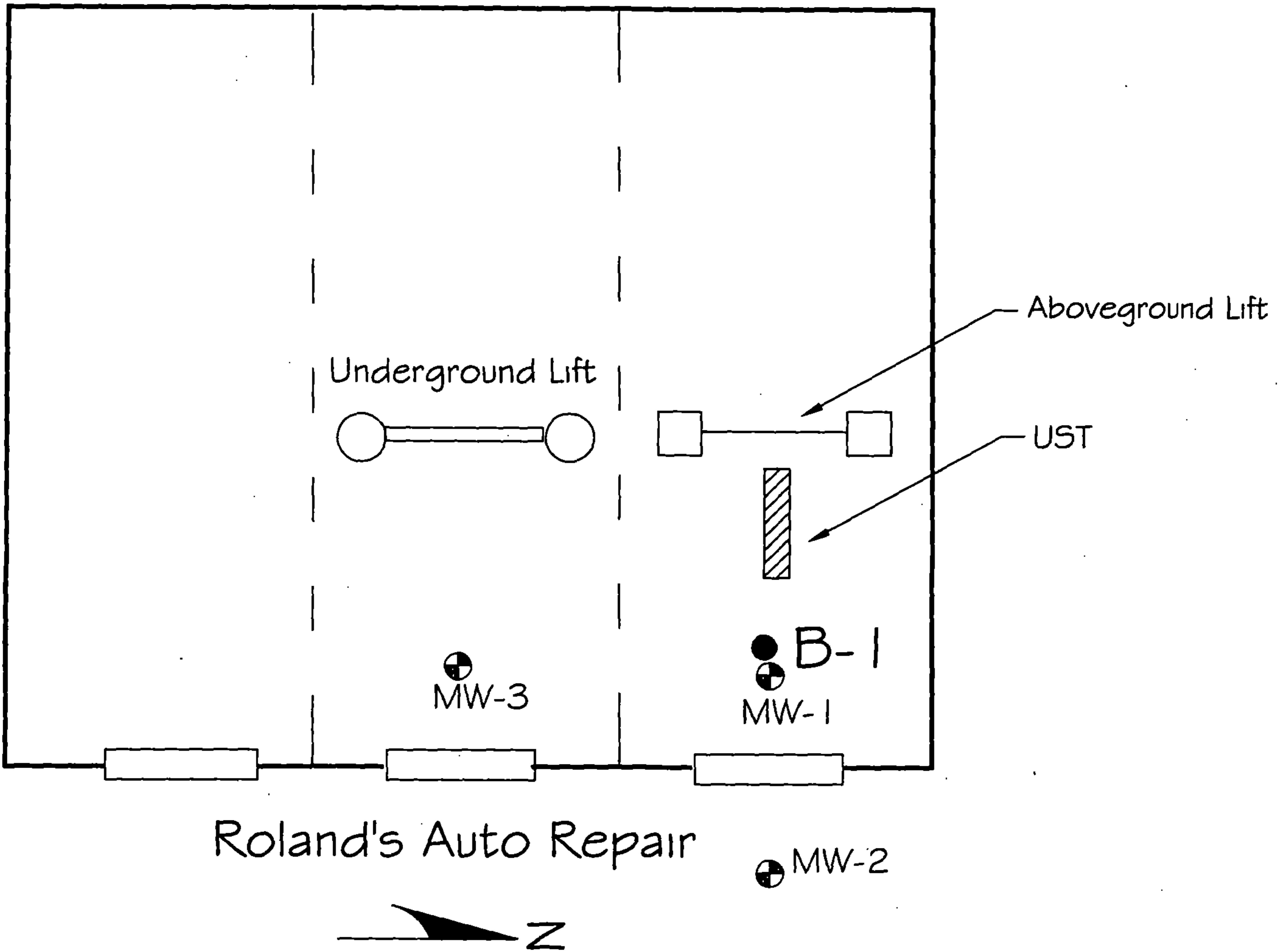


**SITE  
LOCATION**

**McCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	1:24,000	Approved by:	Richard J. Seage, P.G.	Date:	8/03
Project:	Roland's Auto Repair #42 Downtown Plaza Norfolk, Virginia				
Drawing Title:	Site Location Map			Drawing Number:	Figure 1



**McCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	Not to Scale	Approved by:	Richard Seage, P.G.	Date:	8/03
Project:	Roland's Auto Repair #42 Downtown Plaza Norfolk, Virginia				
Drawing Title:	Site Drawing			Drawing Number:	Figure 2

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Concrete - 2", Stone - 4"					
		Gray silty clay with staining and petroleum odor, CL		(0-2) 20 ppm			
		Gray to tan silty fine sand with staining and petroleum odor, SM		(2-4) 179 ppm			
	5	Same		(4-6)* 154 ppm			
		Same					
		Tan to yellow silty fine sand, SM		(6-8) 90 ppm			
		Gray silty fine sand, SM		(8-10) 15 ppm			
	10	BORING TERMINATED AT 10 FEET					
		*SUBMITTED TO LAB					

**Legend**

- - PID Reading (ppm)
- ☒ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** MW-1  
**DATE DRILLED** August 1, 2003  
**PROJECT NUMBER** 03-1371  
**PROJECT** Rolands Auto Repair  
**LOCATION** Norfolk, Virginia

**McCALLUM TESTING LABORATORIES, INC.**

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Asphalt - 3", Stone - 3"					
		Gray silty clay with faint petroleum odor, CL		(0-2) 6 ppm	●		
		Gray to yellow sandy clay, CL		(2-4) 6 ppm	●		
	5	Tan silty fine sand, SM		(4-6)* 6 ppm	●		
		Same		(6-8) 6 ppm	●		
		Tan to yellow silty fine sand, SM		(8-10) 6 ppm	●		
	10	BORING TERMINATED AT 10 FEET					
		*SUBMITTED TO LAB					

**Legend**

- - PID Reading (ppm)
- ▨ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

<b>MONITORING WELL / BORING LOG</b>	
<b>BORING NUMBER</b>	MW-2
<b>DATE DRILLED</b>	August 1, 2003
<b>PROJECT NUMBER</b>	03-1371
<b>PROJECT</b>	Rolands Auto Repair
<b>LOCATION</b>	Norfolk, Virginia
<b>McCALLUM TESTING LABORATORIES, INC.</b>	

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Concrete - 3", Stone - 4"					
		Gray silty clay with staining, CL		(0-2) 6 ppm			
		Same					
		Gray silty fine sand with petroleum odor, SM		(2-4) 29 ppm			
	5	Same - with petroleum odor and staining		(4-6)* 99 ppm			
		Same					
		Tan to yellow silty fine sand, SM		(6-8) 47 ppm			
		Same		(8-10) 38 ppm			
	10	BORING TERMINATED AT 10 FEET					
		*SUBMITTED TO LAB					

**Legend**

- - PID Reading (ppm)
- ☒ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

<b>MONITORING WELL / BORING LOG</b>	
<b>BORING NUMBER</b>	MW-3
<b>DATE DRILLED</b>	August 1, 2003
<b>PROJECT NUMBER</b>	03-1371
<b>PROJECT</b>	Rolands Auto Repair
<b>LOCATION</b>	Norfolk, Virginia
<b>McCALLUM TESTING LABORATORIES, INC.</b>	



816 Kiwanis Street  
Hampton, Virginia 23661  
Phone 804 244 3424  
Fax 804 244 3243

Certificate of Analysis

McCallum Testing Laboratories  
Attn: Marvin Smith  
1808 Hayward Avenue  
Chesapeake, VA 23320

Project No. : 03-1371  
Project Name : Roland's Auto Repair  
Date Received: August 04, 2003  
Date Sampled : August 01, 2003  
Date Issued : August 08, 2003

Lab # 1/Sample ID : MW-1 (4-6)

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	18,304	mg/kg	30.0	08-07/1135	08-07/1430	418.1	PEJ

Lab # 2/Sample ID : MW-2 (4-6)

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	49.6	mg/kg	30.0	08-07/1135	08-07/1430	418.1	PEJ

Lab # 3/Sample ID : MW-3 (4-6)

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	42,419	mg/kg	30.0	08-07/1135	08-07/1430	418.1	PEJ

Lab # 4/Sample ID : MW-1

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	2.4	mg/l	0.7	08-07/1135	08-07/1430	418.1	PEJ


Lab # 5/Sample ID : MW-2

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	0.8	mg/l	0.7	08-07/1135	08-07/1430	418.1	PEJ

Lab # 6/Sample ID : MW-3

Parameter	Result	Units	DL	Date/Time Prepared	Date/Time Analyzed	Method	Analyst
TPH	1.1	mg/l	0.7	08-07/1135	08-07/1430	418.1	PEJ

BDL = Below Detection Limit

  
Anamarie E. McKinley  
Laboratory Manager

H3813537-1





# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

[www.deq.virginia.gov](http://www.deq.virginia.gov)

Fax # (757) 518-2009

L. Preston Bryant, Jr  
Secretary of Natural Resources

David K. Paylor  
Director

Francis L. Daniel  
Regional Director

October 20, 2006

City of Norfolk  
c/o Ms. Martha P. McGann, Deputy City Director  
810 Union Street, Suite 900  
City Hall Building  
Norfolk, VA 23510

Re: **Case Closure**

Site Name/Location: Former Roland's Auto Repair, #42 Downtown Plaza, Norfolk  
DEQ Tracking Number: PC# 2003-5158

Dear Ms. McGann:

The Department of Environmental Quality (DEQ) believes that endpoints established in the Corrective Action Plan (CAP) for the referenced site have been met and no further corrective action is necessary. Based upon the information you have provided regarding site conditions, the State Water Control Board acting through the DEQ, as authorized by CODE § 62.1-44.34:8 through 9 and 9 VAC 25-580-10 et seq. considers this case is closed. You are no longer constrained by the CAP requirements and are free to remove all monitoring points covered by this CAP. Please be advised, should future environmental problems occur, which the DEQ determines are related to this release, corrective action may be required in accordance with State Law.

In order to reduce future risks to ground water at the site, all monitoring wells must be properly abandoned. Please submit an AAF for abandoning monitoring wells and removing the remediation system to this office by **December 20, 2006**.

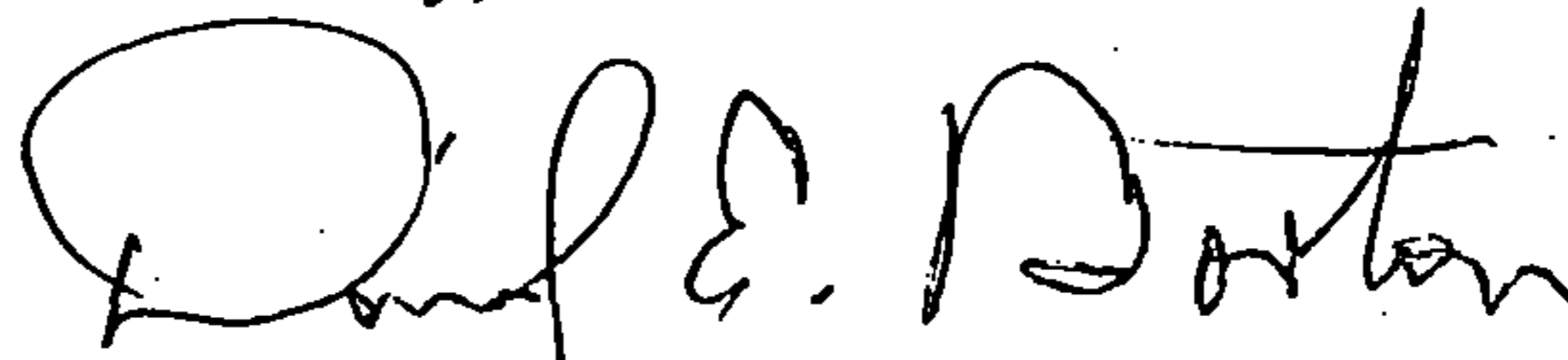
Virginia Law prohibits the payment of corrective action and third party liability reimbursement claims which are filed more than two years after DEQ closes a case. All claims for this release must be received by DEQ no later than **October 20, 2008**, in order to be eligible for reimbursement.



City of Norfolk  
October 20, 2006  
Page 2 of 2

The DEQ thanks you for completing the Corrective Action Plan and appreciates your efforts and cooperation in cleaning up this site. If you have any questions regarding this matter, please contact LeAnn Moran by phone at (757) 518-2121 or by email at [lk Moran@deq.virginia.gov](mailto:lk Moran@deq.virginia.gov).

Sincerely,



David E. Borton  
Remediation Manager

cc: Paul R. Young, EMS Environmental (via email)  
✓ File PC# 2003-5158

*SAK - FAS - TRM File*



**COMMONWEALTH of VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

Peter W. Schmidt  
Director

Larry S. McBride  
Regional Director

**AUG 08 1994**

Water Regional Office  
287 Pembroke Office Park  
Pembroke 2, Suite 310  
Virginia Beach, Virginia 23462  
(804) 552-1840  
FAX (804) 552-1840

William Zimmerman  
US Postal Service, Eastern Division  
10500 Little Patuxent Parkway  
Columbia, Maryland 21044-3505

Re: Underground Storage Tank (UST) release report for U.S.  
Post Office, 600 Church St., Norfolk, Virginia.  
DEQ PC# 90-1020 and 91-1595

Dear Mr. Zimmerman:

Thank you for providing the Site Check Report for the above referenced location. Based on this assessment and current site conditions, no further assessment or remediation activity is required at this site. However, if petroleum contamination is identified in the future, further assessment or cleanup activity may be required. Additionally, any monitoring wells not in use at this site, should be removed from service in accordance with current State regulations for well abandonment.

If you have any questions concerning this case, please contact me at (804) 552-1152.

Sincerely,

T. E. Madigan  
Environmental Specialist Senior  
Ground Water Section

cc: DEQ-Water Div. TRO-OE ref. PC# 90-1020 & 91-1595



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

[www.deq.virginia.gov](http://www.deq.virginia.gov)

L. Preston Bryant, Jr  
Secretary of Natural Resources

David K. Paylor  
Director

Francis L. Daniel  
Regional Director

(757) 518-2009

January 8, 2008

Gardner Jones  
U.S. Postal Service  
Eastern FSO  
P.O. Box 27497  
Greensboro, NC 27498-1103

Re: **Case Closure**  
**Closure of Hydraulic Lifts; Subsurface Investigation at Hydraulic Lifts**  
Site Name/Location: U.S. Postal Service-Vehicle Maintenance Bldg., 600 Church St., Norfolk  
DEQ Tracking Number: PC# 2006-5105

Dear Mr. Jones:

Thank you for having Mr. Chad Smith of PBS&J provide the subject reports to the Department of Environmental Quality (DEQ). Based upon the available information, the State Water Control Board acting through the Department of Environmental Quality (DEQ), as authorized by CODE § 62.1-44.34:14 through 23, has determined that contamination levels at this site do not warrant further corrective action. This pollution complaint case is now closed. Should future environmental problems occur, which the DEQ determines are related to this discharge, additional investigation and corrective action may be required in accordance with State Law.

If you have any questions, please contact me by e-mail at [lk Moran@deq.virginia.gov](mailto:lk Moran@deq.virginia.gov) or by phone at 518-2126.

Sincerely,

A handwritten signature in black ink that reads "LeAnn Moran".

LeAnn Moran  
Geologist Senior  
Remediation Program

cc: Mr. Chad Smith, PBS&J  
✓File PC# 2006-5105



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

John Paul Woodley, Jr.  
Secretary of Natural Resources

5636 Southern Boulevard  
Virginia Beach, VA 23462  
Tel# (757) 518-2000  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Francis L. Daniel  
Tidewater Regional Director

December 22, 1999

George Davis  
First Baptist Church  
418 East Bute Street  
Norfolk, Virginia 23510

Re: Review of Initial Abatement Report in Response to a Heating Oil Release  
from an Underground Storage Tank (UST)  
Site Name/Location: First Baptist Church, 418 East Bute Street, Norfolk  
DEQ Tracking Number: PC 99-2389

Dear Mr. Davis:

Thank you for providing to the Department of Environmental Quality (DEQ) the subject report prepared by PetroChem. Based upon our review of the report regarding current site conditions, the Department believes that petroleum impacts from the closed-in-place UST at this site do not warrant further corrective action. Should future environmental problems occur, which the DEQ determines are related to this release, additional investigation and corrective action may be required in accordance with State Law.

The report mentions another heating oil UST that has been out of service. Though the DEQ does not have a regulation regarding closure of out-of-use heating oil USTs, the City of Norfolk may have jurisdiction. Please contact the Norfolk Bureau of Fire Prevention at 441-2481 to obtain information on requirements for out-of-use heating oil USTs.

Virginia Law prohibits the payment of corrective action and third party liability reimbursement claims which are filed more than two years after DEQ closes a case. All claims for this release must be received by the DEQ no later than December 29, 2001, in order to be eligible for reimbursement.

If you have any questions regarding this matter, please contact me at (757) 518-2126.

Sincerely,

A handwritten signature in cursive script that reads 'LeAnn Moran'.

LeAnn Moran

Geologist Senior, Remediation Section

cc: Chris Haywood, PetroChem  
✓File PC 99-2389

## Holcomb, Alexis

---

**From:** Holcomb, Alexis  
**Sent:** Wednesday, February 20, 2019 3:28 PM  
**To:** 'foiarequest@norfolk.gov'  
**Subject:** City of Norfolk Information Request  
**Attachments:** 0128\_001.pdf; St.Paul\_Transit\_proposal\_v2.pdf

Good afternoon,

I am currently conducting an assessment of several properties in the City of Norfolk, please see attached request form, as well as a map for reference.

I am seeking any environmental information you have pertaining to these properties, especially previous environmental reports.

If you have any questions, please let me know.

Thank you for your time and I hope you have a great day.

Alexis Holcomb  
Project Professional

**SCS ENGINEERS**

2877 Guardian Lane  
Suite 1-F  
Virginia Beach, Virginia 23452  
Direct: (757) 201-9264  
Office: (757) 466-3361  
[aholcomb@scsengineers.com](mailto:aholcomb@scsengineers.com)  
[www.scsengineers.com](http://www.scsengineers.com)

FREEDOM OF INFORMATION ACT (FOIA)  
REQUEST FOR PUBLIC RECORDS  
Section 2.2-3700, Code of Virginia

1. DATE OF REQUEST: 2/20/19
2. INDIVIDUAL REQUESTING INFORMATION
- Full Name: ALEXIS HOLCOMB
- Company (if applicable): SCS ENGINEERS
- Address: 2877 GUARDIAN LN. STE 2-F
- City: VB State: VA ZIP: 23452
- Email Address: AHOLCOMB@SCSengineers.com
- Telephone: (Home) N/A (Work) 757 201 9264
3. RECORDS REQUESTED (Provide as much detail as available):

Date(s) / Time(s) of record(s) (Ex. 01/01/2004 at 3:45 p.m.) \_\_\_\_\_

Detailed Description of Request: Any record of previous Environmental Assessments (Ph. I + Ph. II ESAs) or any other environmental related information for the following addresses:  
300 St. Pauls Blvd., 418 St. Pauls Blvd., 450 St. Pauls Blvd.,  
450 Posey Ln., 501 Wood St., + the Downtown Plaza  
Shopping Center

4. PURSUANT TO VIRGINIA CODE §2.2-3704(F), IT WILL BE NECESSARY FOR YOU TO REIMBURSE THE CITY FOR ALL COSTS INCURRED IN THE PRODUCTION OF THESE RECORDS.

SIGNATURE OF REQUESTER: \_\_\_\_\_



You can mail the completed form back to:  
City of Norfolk Communications Division  
810 Union Street, Ste. 409  
Norfolk, VA 23510

You can also fax it to (757) 664-4006 or email it to [FOIARequest@norfolk.gov](mailto:FOIARequest@norfolk.gov)  
Call (757) 664-4266 with any questions

February 27, 2019

Alexis Holcomb  
2877 Guardian Lane Suite 1-F  
Virginia Beach, VA 23452

Re: Freedom of Information Act Request by Alexis Holcomb for a copy of the following: Any record of previous environments assessments (Ph. I & Ph. II ESAs) or any other environmental related information for the following addresses: 300 St. Pauls Blvd., 418 St. Pauls Blvd., 450 Blvd., 450 Posey Ln., 501 Wood St., & the downtown plaza shopping center. Our file number is 2019-02109.

Dear Ms. Holcomb:

We have received your request for records made in accordance with the Virginia Freedom of Information Act (§ 2.2-3700 et seq.).

Please be advised that the City is not the custodian of all the records requested. Some of these records are held by the Virginia Department of Environmental Quality. You may wish to contact Cindy Berndt at (804) 698-4378 to see if she has any records responsive to your request.

The rest of the information that you requested is enclosed.

Thank you for contacting this office.

Sincerely,



Michelle Washington  
Public Relations Manager

Enclosures

**A** MM DD YYYY  Delete NFIRS -1  
 71000 VA 05 07 2014 01 14-0110804 000  Change Basic  
 FDID \* State \* Incident Date \* Station Incident Number \* Exposure \*  No Activity

**B Location\***  Check this box to indicate that the address for this incident is provided on the Wildland Fire Module in Section B "Alternative Location Specification". Use only for Wildland fires. Census Tract \_\_\_\_\_

Street address  
 Intersection  
 In front of  
 Rear of  
 Adjacent to  
 Directions

418 SAINT PAULS BLVD  
 Number/Milepost Prefix Street or Highway Street Type Suffix

NORFOLK VA 23510  
 Apt./Suite/Room City State Zip Code

Cross street or directions, as applicable

**C Incident Type \***  
 400 Hazardous condition, Other  
 Incident Type

**D Aid Given or Received\***

1  Mutual aid received  
 2  Automatic aid recv.  
 3  Mutual aid given  
 4  Automatic aid given  
 5  Other aid given  
 N  None

Their FDID Their State  
 Their Incident Number

**E1 Date & Times** Midnight is 0000

Check boxes if dates are the same as Alarm Date. ALARM always required

Month Day Year Hr Min Sec  
 Alarm \* 05 07 2014 12:55:55

ARRIVAL required, unless canceled or did not arrive

Arrival \* 05 07 2014 12:58:18

CONTROLLED Optional, Except for wildland fires

Controlled

LAST UNIT CLEARED, required except for wildland fires

Last Unit Cleared 05 07 2014 13:02:18

**E2 Shift & Alarms**

Local Option  
 A 01  
 Shift or Alarms District Platoon

**E3 Special Studies**

Local Option

Special Study ID# Special Study Value

**F Actions Taken \***

86 Investigate  
 Primary Action Taken (1)

Additional Action Taken (2)

Additional Action Taken (3)

**G1 Resources \***

Check this box and skip this section if an Apparatus or Personnel form is used.

Apparatus Personnel  
 Suppression  
 EMS  
 Other 0001

Check box if resource counts include aid received resources.

**G2 Estimated Dollar Losses & Values**

LOSSES: Required for all fires if known. Optional for non fires. None

Property \$ \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_   
 Contents \$ \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

PRE-INCIDENT VALUE: Optional

Property \$ \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_   
 Contents \$ \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Completed Modules**

Fire-2  
 Structure-3  
 Civil Fire Cas.-4  
 Fire Serv. Cas.-5  
 EMS-6  
 HazMat-7  
 Wildland Fire-8  
 Apparatus-9  
 Personnel-10  
 Arson-11

**H1\* Casualties**  None  
 Deaths Injuries

Fire Service  
 Civilian

**H2 Detector**  
 Required for Confined Fires.

1  Detector alerted occupants  
 2  Detector did not alert them  
 U  Unknown

**H3 Hazardous Materials Release**

N  None

1  Natural Gas: slow leak, no evacuation or HazMat actions  
 2  Propane gas: <21 lb. tank (as in home BBQ grill)  
 3  Gasoline: vehicle fuel tank or portable container  
 4  Kerosene: fuel burning equipment or portable storage  
 5  Diesel fuel/fuel oil: vehicle fuel tank or portable  
 6  Household solvents: home/office spill, cleanup only  
 7  Motor oil: from engine or portable container  
 8  Paint: from paint cans totaling < 55 gallons  
 0  Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

**I Mixed Use Property**

NN  Not Mixed  
 10  Assembly use  
 20  Education use  
 33  Medical use  
 40  Residential use  
 51  Row of stores  
 53  Enclosed mall  
 58  Bus. & Residential  
 59  Office use  
 60  Industrial use  
 63  Military use  
 65  Farm use  
 00  Other mixed use

**J Property Use\* Structures**

131  Church, place of worship  
 161  Restaurant or cafeteria  
 162  Bar/Tavern or nightclub  
 213  Elementary school or kindergarten  
 215  High school or junior high  
 241  College, adult education  
 311  Care facility for the aged  
 331  Hospital

341  Clinic, clinic type infirmary  
 342  Doctor/dentist office  
 361  Prison or jail, not juvenile  
 419  1-or 2-family dwelling  
 429  Multi-family dwelling  
 439  Rooming/boardng house  
 449  Commercial hotel or motel  
 459  Residential, board and care  
 464  Dormitory/barracks  
 519  Food and beverage sales

539  Household goods, sales, repairs  
 579  Motor vehicle/boat sales/repair  
 571  Gas or service station  
 599  Business office  
 615  Electric generating plant  
 629  Laboratory/science lab  
 700  Manufacturing plant  
 819  Livestock/poultry storage (barn)  
 882  Non-residential parking garage  
 891  Warehouse

Outside

124  Playground or park  
 655  Crops or orchard  
 669  Forest (timberland)  
 807  Outdoor storage area  
 919  Dump or sanitary landfill  
 931  Open land or field

936  Vacant lot  
 938  Graded/care for plot of land  
 946  Lake, river, stream  
 951  Railroad right of way  
 960  Other street  
 961  Highway/divided highway  
 962  Residential street/driveway

981  Construction site  
 984  Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:  
 Property Use 571  
 Service station, gas station



**K1 Person/Entity Involved**  Local Option  Business name (if applicable)  -  -  Area Code Phone Number

Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name  MI  Last Name  Suffix

Number  Prefix  Street or Highway  Street Type  Suffix

Post Office Box  Apt./Suite/Room  City

State  Zip Code  -

More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

**K2 Owner**  Same as person involved? Then check this box and skip The rest of this section.  Local Option  Business name (if Applicable)  -  -  Area Code Phone Number

Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name  MI  Last Name  Suffix

Number  Prefix  Street or Highway  Street Type  Suffix

Post Office Box  Apt./Suite/Room  City

State  Zip Code  -

**L Remarks**  
Local Option

E1 arrived to find a tractor trailer had struck roofing material of a gas station. No hazard or structural damage. PD on scene.  
05/07/2014 06:11:29 PM gwillia

**L Authorization**

21766  WILLIAMS, GLEN  CPT   05  07  2014  
Officer in charge ID Signature Position or rank Assignment Month Day Year

Check Box if  same as Officer in charge.  21766  WILLIAMS, GLEN  CPT   05  07  2014  
Member making report ID Signature Position or rank Assignment Month Day Year

71000  
FDID \*

VA  
State \*

MM DD YYYY  
5 7 2014  
Incident Date \*

01  
Station

14-0110804  
Incident Number \*

000  
Exposure \*

Complete  
Narrative

**Narrative:**

E1 arrived to find a tractor trailer had struck roofing material of a gas station. No hazard or structural damage. PD on scene.

05/07/2014 06:11:29 PM gwillia

**A** FDID 71000 \* State VA \* Incident Date 12 09 2012 \* Station 02 Incident Number 12-0040548 \* Exposure 000 \*  Delete  Change  No Activity NFIRS -1 Basic

**B Location\***  Check this box to indicate that the address for this incident is provided on the Wildland Fire Module in Section B "Alternative Location Specification". Use only for Wildland fires. Census Tract      -     

Street address 400      SAINT PAULS BLVD       
 Number/Milepost Prefix Street or Highway Street Type Suffix

Intersection  In front of  Rear of  Adjacent to  Directions

     NORFOLK VA 23501 -       
 Apt./Suite/Room City State Zip Code

Cross street or directions, as applicable

**C Incident Type \***  
400 Hazardous condition, Other  
 Incident Type

**D Aid Given or Received\***

1  Mutual aid received  
 2  Automatic aid recv.  
 3  Mutual aid given  
 4  Automatic aid given  
 5  Other aid given  
 N  None

Their FDID      Their State       
 Their Incident Number     

**E1 Date & Times** Midnight is 0000

Check boxes if dates are the same as Alarm ALARM always required

Date. Alarm \* 12 09 2012 00:42:11  
 Month Day Year Hr Min Sec

Arrival \* 12 09 2012 00:52:20  
 ARRIVAL required, unless canceled or did not arrive

Controlled                      
 CONTROLLED Optional, Except for wildland fires

Last Unit Cleared 12 09 2012 02:00:46  
 LAST UNIT CLEARED, required except for wildland fires

**E2 Shift & Alarms** Local Option

A 01       
 Shift or Alarms District Platoon

**E3 Special Studies** Local Option

Special Study ID#      Special Study Value     

**F Actions Taken \***

40 Hazardous condition,  
 Primary Action Taken (1)

           
 Additional Action Taken (2)

           
 Additional Action Taken (3)

**G1 Resources \***

Check this box and skip this section if an Apparatus or Personnel form is used.

Apparatus 0002 Personnel       
 Suppression          

EMS            
 Other          

Check box if resource counts include aid received resources.

**G2 Estimated Dollar Losses & Values**

LOSSES: Required for all fires if known. Optional for non fires. None

Property \$      , 000 , 000   
 Contents \$      , 000 , 000

PRE-INCIDENT VALUE: Optional

Property \$      , 000 , 000   
 Contents \$      , 000 , 000

**Completed Modules**

Fire-2  
 Structure-3  
 Civil Fire Cas.-4  
 Fire Serv. Cas.-5  
 EMS-6  
 HazMat-7  
 Wildland Fire-8  
 Apparatus-9  
 Personnel-10  
 Arson-11

**H1\* Casualties**  None

Deaths Injuries

Fire Service            
 Civilian          

**H2 Detector** Required for Confined Fires.

1  Detector alerted occupants  
 2  Detector did not alert them  
 U  Unknown

**H3 Hazardous Materials Release**

N  None

1  Natural Gas: slow leak, no evaluation or HazMat actions  
 2  Propane gas: <21 lb. tank (as in home BBQ grill)  
 3  Gasoline: vehicle fuel tank or portable container  
 4  Kerosene: fuel burning equipment or portable storage  
 5  Diesel fuel/fuel oil: vehicle fuel tank or portable  
 6  Household solvents: home/office spill, cleanup only  
 7  Motor oil: from engine or portable container  
 8  Paint: from paint cans totaling < 55 gallons  
 0  Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat Form

**I Mixed Use Property**

NN  Not Mixed  
 10  Assembly use  
 20  Education use  
 33  Medical use  
 40  Residential use  
 51  Row of stores  
 53  Enclosed mall  
 58  Bus. & Residential  
 59  Office use  
 60  Industrial use  
 63  Military use  
 65  Farm use  
 00  Other mixed use

**J Property Use\* Structures**

131  Church, place of worship  
 161  Restaurant or cafeteria  
 162  Bar/Tavern or nightclub  
 213  Elementary school or kindergarten  
 215  High school or junior high  
 241  College, adult education  
 311  Care facility for the aged  
 331  Hospital

341  Clinic, clinic type infirmary  
 342  Doctor/dentist office  
 361  Prison or jail, not juvenile  
 419  1-or 2-family dwelling  
 429  Multi-family dwelling  
 439  Rooming/boarding house  
 449  Commercial hotel or motel  
 459  Residential, board and care  
 464  Dormitory/barracks  
 519  Food and beverage sales

539  Household goods, sales, repairs  
 579  Motor vehicle/boat sales/repair  
 571  Gas or service station  
 599  Business office  
 615  Electric generating plant  
 629  Laboratory/science lab  
 700  Manufacturing plant  
 819  Livestock/poultry storage (barn)  
 882  Non-residential parking garage  
 891  Warehouse

**Outside**

124  Playground or park  
 655  Crops or orchard  
 669  Forest (timberland)  
 807  Outdoor storage area  
 919  Dump or sanitary landfill  
 931  Open land or field

936  Vacant lot  
 938  Graded/care for plot of land  
 946  Lake, river, stream  
 951  Railroad right of way  
 960  Other street  
 961  Highway/divided highway  
 962  Residential street/driveway

981  Construction site  
 984  Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use 519  
Food and beverage sales,

**K1 Person/Entity Involved**  Local Option  Business name (if applicable)  Area Code  Phone Number

Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name MI Last Name Suffix

Number Prefix Street or Highway Street Type Suffix

Post Office Box Apt./Suite/Room City

State Zip Code

More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

**K2 Owner**  Same as person involved? Then check this box and skip the rest of this section.  Local Option  Business name (if Applicable)  Area Code  Phone Number

Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name MI Last Name Suffix

Number Prefix Street or Highway Street Type Suffix

Post Office Box Apt./Suite/Room City

State Zip Code

**L Remarks** Local Option

L01 arrived on scene to find out that it was a malfunctionng CO2 alarm according to R01. L01 issued an FD13 and told personnel that they had to get the system worked on within 24 hours.

12/09/2012 06:31:12 AM jchase

**L Authorization**

23971 CHASE, JOSHUA S. FFE 12 09 2012  
 Officer in charge ID Signature Position or rank Assignment Month Day Year

23971 CHASE, JOSHUA S. FFE 12 09 2012  
 Check Box if same as Officer in charge. Member making report ID Signature Position or rank Assignment Month Day Year

MM DD YYYY

71000  
FDID \*

VA  
State \*

12 9  
Incident Date \*

2012

02  
Station

12-0040548  
Incident Number \*

000  
Exposure \*

Complete  
Narrative

Narrative:

L01 arrived on scene to find out that it was a malfunctionng CO2 alarm according to R01. L01 issued an FD13 and told personnel that they had to get the system worked on within 24 hours.

12/09/2012 06:31:12 AM jchase

## Holcomb, Alexis

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**From:** Holcomb, Alexis  
**Sent:** Wednesday, February 20, 2019 2:39 PM  
**To:** firechief@norfolk.gov  
**Subject:** Information Request - City of Norfolk  
**Attachments:** St.Paul\_Transit\_proposal\_v2.pdf

Good afternoon,

I tried several times to call, but kept receiving a busy tone after a while. I'm not sure who to address this information request to, so my apologies if it's the incorrect email and I ask that you please forward to the correct individual(s).

I am currently conducting an assessment of properties in the City of Norfolk, addresses below, and wish to request any information regarding the registration or removal/abandonment of underground storage tanks or any spills/releases associated with the tanks.

- 300 St Pauls Blvd.
- 418 St Pauls Blvd.
- 450 St. Pauls Blvd.
- 450 Posey Ln.
- 501 Wood St.
- 317 Chapel St.
- 450 Walke St.
- 418 E Bute St.

I have attached the site boundaries location map for reference as there are so many addresses associated with this assessment. If you have any questions, please let me know.

Thank you for your time and I hope you have a great day.

Alexis Holcomb  
Project Professional

**SCS ENGINEERS**

2877 Guardian Lane  
Suite 1-F  
Virginia Beach, Virginia 23452  
Direct: (757) 201-9264  
Office: (757) 466-3361  
[aholcomb@scsengineers.com](mailto:aholcomb@scsengineers.com)  
[www.scsengineers.com](http://www.scsengineers.com)

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## Appendix F

### User Questionnaire

**USER QUESTIONNAIRE<sup>1</sup>**

Site Name: St. Pauls Transit Site  
Site Address: Ground 300 St. Pauls Blvd

In reference to Section 6, User Responsibilities, of the ASTM E1527-13 Standard Practice, the Environmental Professional (SCS Engineers) for this Phase I ESA is required to inquire with the user (Client) regarding their knowledge or possession of information that may assist in identifying recognized environmental conditions (RECs) pertaining to the Subject Site.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by USEPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the Environmental Professional overseeing this Phase I ESA. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

**(1) Environmental Cleanup Liens (40 CFR 312.25).** Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

Yes  No

If Yes, explain and/or provide information:

**(2) Activity and Use Limitations (40 CFR 312.26(a)(1)(v) and (vi)).** Did a search of recorded land title records (or judicial records, where appropriate) identify any AULs such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Yes  No

If Yes, explain and/or provide information:

**(3) Specialized Knowledge or Experience (40 CFR 312.28).** Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes  No

If Yes, explain and/or provide information:

<sup>1</sup> The document is designed to comply with Section X3, User Questionnaire, of ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and the USEPA AAI regulations (40 CFR §312).



**SCS ENGINEERS**

**(4) Purchase Price vs. Fair Market Value (40 CFR 312.29).** Does the purchase price being paid for this property reasonably reflect the fair market value of the property?  Yes  No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?  Yes  No

N/A

If Yes, explain and/or provide information:

**(5) Commonly Known or Reasonably Ascertainable Information (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases? For example,

- (a) Do you know the past use of the property?
- (b) Do you know specific chemicals that are present or once were present at the property?
- (c) Do you know of spills or other chemical releases that have taken place at the property?
- (d) Do you know of any environmental cleanups that have taken place at the property?

Yes  No to all

If Yes, explain and/or provide information:

*Publically available city lease informatio provided*

**(6) Obvious Indications of Contamination (40 CFR 312.31).** Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination of the property?

Yes  No

If Yes, explain and/or provide information:

Name: Lubin Achiarode  
Title: Management Analyst III  
Date: 4/16/19