



**PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT  
222 N POTTSTOWN PIKE  
EXTON, PA 19341**

**HXE PROJECT NO. 23-140-0**

**MARCH 2, 2024**



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A handwritten signature in black ink, appearing to read "Stephen Huxta".

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## 1.0 EXECUTIVE SUMMARY

Huxta Environmental has conducted a Phase I and II Environmental Site Assessment for the property located at 222 N Pottstown Pike, Exton, PA (the Subject Property). The Phase I ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) standard practice E1527-21. The purpose of the Phase I ESA is to identify Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), Historic Recognized Environmental Conditions (HRECs), and significant data gaps. The Phase II ESA was conducted to further evaluate conditions of environmental concern identified through the initial Phase I ESA activities.

A site location map is provided as Figure 1. A tax map is provided as Figure 2. An aerial and schematic is provided as Figure 3. The Subject Property is located along the southwestern side of N Pottstown Pike. Surrounding properties are primarily in commercial use.

The Subject Property was in agricultural use from at least 1937 to the 1960s. Development of the Subject Property began in the late 1960s or early 1970s with construction of a commercial building on the eastern portion of the property. This building was in use as the township office building and police department. The building was demolished in 2013.

The Subject Property is currently owned by West Whiteland Township and improved with three buildings and four sheds on the western portion of the property. The buildings and storage areas are operated by the West Whiteland Township Public Works Department. The eastern portion of the property is also occupied by GreenDrop as a mobile donation collection location.

The property is served by public water. The property buildings include a 1-bay garage, maintenance building, and 5-bay garage. The 1-bay garage building was constructed in the late 1970s or early 1980s and is used for storage of equipment. The building is not heated and is not connected to water or sewer.

The maintenance building was constructed in the late 1970s or early 1980s and is a single-story automotive garage and shop with a loft. Typical automotive fluids including five plastic above ground storage tanks (ASTs) containing hydraulic oil, motor oil, used oil, and DEF were observed in the maintenance building. Evidence of a release from these ASTs was not observed. The building contains two bays and is heated via ceiling mounted natural gas heating units. The building is served by public water and is connected to an on lot septic system.

The presence of an automotive garage served by on lot septic was further evaluated through a Phase II ESA consisting of geophysics, the advancement of six soil borings, and the collection of five soil and four groundwater samples for Volatile Organic Compounds, Polycyclic Aromatic Hydrocarbons, and Lead. To the extent any compounds of concern were detected above laboratory

method detection limits in soil or groundwater, they were at orders of magnitude below applicable PADEP standards and not indicative of a release that would require further investigation or remediation. The Phase II ESA confirmed the on lot septic system for the automotive garage does not result in a REC at the Subject Property.

The 5-bay garage was constructed in the 1980s or early 1990s and is used for storage of vehicles and maintenance equipment. The building is heated via ceiling mounted natural gas heating units. Spigots in and on the building are connected to public water, but the building does not contain a sink, toilet, or other improvements that would generate wastewater. The building is not connected to sewer.

The Subject Property contains two exterior petroleum ASTs and a pipeline transferring refined petroleum products runs across the southern portion of the property. A second pipeline transferring propane also runs just north of the Subject Property. The ASTs include a 1,000-gallon diesel AST that is currently in use and a 6,000-gallon gasoline AST that has not been used for approximately 5-years. Both ASTs contain tank mounted dispensers. All dispenser hoses and piping are above grade. No evidence of a release was observed from either AST system. Both referenced pipelines are continually monitored and there have been no known releases or indications of releases reported by the operating companies.

Two USTs have been removed from the Subject Property. One 10,000-gallon gasoline UST was removed from the property in 1998. The UST was properly closed, including the collection of soil samples from beneath the UST and associated dispenser following removal. Evidence of a release was not identified during the proper closure of the UST. A 1,000-gallon heating oil UST was removed from the Subject Property in 2008. A release of heating oil occurred from the UST prior to its removal. The release was remediated in accordance with the PADEP Act 2 Program. The PADEP issued relief of cleanup liability under the Statewide Health Standard for soil and groundwater for the heating oil release in 2015.

The assessment has not identified any RECs, CRECs, or significant data gaps. The assessment has identified the following HREC:

- A release of heating oil occurred from a 1,000-gallon heating oil UST on the eastern portion of the Subject Property. The UST was removed in 2008. The heating oil release was remediated from 2008 through 2015 through excavation and proper disposal of impacted soil and installation and sampling of six monitoring wells that confirmed the absence of groundwater impact. The PADEP issued relief of cleanup liability under the Statewide Health Standard for the heating oil release in 2015 following approval of the Act 2 Final Report prepared by SMS Group. The heating oil release from the former 1,000-gallon heating oil UST has been remediated to the satisfaction of the PADEP and met the unrestricted use criteria without the use of controls. Therefore, the former heating oil release is identified as an HREC.

## 2.0 INTRODUCTION

The Subject Property is identified as 222 N Pottstown Pike, Exton, PA and Chester County UPI 41-5-30.2. A Subject Property location map is provided as Figure 1 and a tax parcel map is provided as Figure 2. The Subject Property encompasses approximately 3 acres of land and is currently improved with three buildings and four sheds. These structures are located on the western portion of the property. The buildings and sheds are utilized by West Whiteland Township for storage and maintenance of public works vehicles, equipment, and materials. The eastern portion of the Subject Property is currently utilized by GreenDrop as a donation drop off location. Immediately surrounding properties are primarily in commercial use.

### 2.1 PURPOSE

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the processes of ASTM E1527-21, Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), Historic Recognized Environmental Conditions (HRECs), and de minimis conditions in connection with the Subject Property. Throughout the assessment, significant data gaps are also to be identified.

A REC is defined as, *“(1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.”*

*Likely under the ASTM standard is defined as, “that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence.”*

A CREC is defined as a, *“recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls.”*

A HREC is defined as, *“a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls.”*

A de minimis condition is defined as, “a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be de minimis is not a recognized environmental condition nor a controlled recognized environmental condition.”

A significant data gap is defined as, “a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.”

## 2.2 SCOPE OF SERVICES

This Phase I and II ESA has included the following elements:

- User Provided Information – Huxta Environmental provided Uzman Engineering and West Whiteland Township with a User Questionnaire. The User Questionnaire was utilized to assist the User and Huxta Environmental in gathering information from the User that may be material to identifying RECs. The User Questionnaire also outlines specific tasks to be performed by the User in satisfying the All Appropriate Inquiries Final Rule (40 C.F.R. Part 312).
- Physical Setting Resources – Information related to the local geologic, hydrogeologic, hydrologic, and topographic characteristics of the Subject Property and immediately surrounding area were reviewed. This information was reviewed to assist in identification of RECs in relation to their influence on how hazardous substances and petroleum products are likely to migrate to, on, or from the Subject Property.
- Government Records – A search of available environmental records within the approximate minimum search distances defined within ASTM E1527-21 was obtained from Environmental Data Resources (EDR). Huxta Environmental conducted a review of these listings to determine if they result in a REC at the Subject Property. In addition, the Pennsylvania Activity and Use Limitations (AUL) Registry, Pennsylvania Environmental Facility Application Compliance Tracking System (eFACTS), and PADEP web accessed Environmental Site Assessment Search Tool were reviewed.
- Historical Research – Historic records including aerial photographs, local street directories, and topographic maps were obtained from through EDR. Fire insurance maps were not available for the Subject Property. In addition, documents available at the Chester County Recorder of Deeds and building department records, property tax files, and zoning/land use records available through West Whiteland Township were reviewed. These resources were utilized to develop a history of the previous uses of the Subject property, adjoining

properties, and surrounding area to help identify the likelihood of past uses having led to RECs in connection with the Subject Property.

- Site Reconnaissance – Huxta Environmental conducting a walking reconnaissance of the interior of Subject Property buildings, the exterior of the Subject Property, and the periphery of the Subject Property. The reconnaissance was conducted to make observations with respect to Subject Property operations, conditions, and infrastructure in identifying RECs.
- Interviews – Huxta Environmental conducted interviews of those individuals that were readily available and known to have information regarding the current and past features, uses, activities, and conditions at the Subject Property and adjoining properties. Individuals interviewed as part of this assessment include Mr. Edward Culp, Jr, West Whiteland Township Operations Manager Public Works; Mr. Francis Burton, Buckeye Partners, LP; and Mr. Frederick Lester, Enterprise Products.
- Out of Scope Services – Huxta Environmental conducted a Phase II ESA to further evaluate conditions of environmental concern identified through Phase I ESA activities. The Phase II ESA included geophysics, advancement of six soil borings, collected and analytical analysis of five soil samples for compounds of concern, and collection and analytical analysis of four groundwater samples for compounds of concern.
- Evaluation and Report – The information gathered through completion of the Phase I and II ESA has been compiled into this report. Additional relevant information is included within the attached figures and appendices. The report includes the environmental professional's interpretation of the information with respect to the identification of RECs, CRECs, HRECs, and de minimis conditions. The environmental professional has also evaluated the data for significant data gaps.

### 2.3 LIMITATIONS AND EXCEPTIONS

No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a Subject Property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a Subject Property.

This environmental site assessment is based on conditions at the time of completeness of the individual environmental site assessment elements as discussed herein. The site reconnaissance did not include observation of conditions under floors, above ceiling, on rooftops, or behind walls.



The following list, while not all inclusive, identifies specific considerations that are excluded from the ASTM E1527-21 standard and were not evaluated as part of this assessment: asbestos containing building material, biological agents, cultural or historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead based paint unrelated to releases into the environment, lead in drinking water, mold or bacterial growth conditions, PCB containing building materials, naturally occurring radon, regulatory compliance, substances not defined as hazardous substances unless or until such substances are classified as a CERCLA hazardous substance, and wetlands.

## 2.4 DEVIATIONS

Beyond the completion of Phase II ESA services as discussed in Section 2.2, no significant deviations from ASTM E1527-21 were agreed to between Uzman Engineering and Huxta Environmental or required during completion of the Phase I ESA. It should be noted the Subject Property history was not able to be determined in five-year intervals back to the first use or 1940 (whichever is earlier). This is a common data failure in Phase I ESAs and is given the knowledge able to be gained into the Subject Property history, it is not identified as a significant data gap.

## 2.5 SIGNIFICANT ASSUMPTIONS

In accordance with ASTM E1527-21, this assessment relies on information provided to Huxta Environmental during completion of this Phase I ESA. Huxta Environmental has reviewed the data with respect to its actual knowledge and obviousness that information is incorrect but has not independently verified all provided information. The information provided is assumed to be complete and correct.

## 2.6 USER RELIANCE

This report is intended to be utilized in its entirety. Reliance on individual sections of this report without consideration of the entire report is not recommended and would be done so at the User's risk. This Phase I and II ESA was performed for the use of Uzman Engineering, unless Huxta Environmental has issued a reliance letter listing specific additional individual or entities.

## 3.0 USER PROVIDED INFORMATION

### 3.1 AAI USER QUESTIONNAIRE

Huxta Environmental provided a User Questionnaire to Uzman Engineering and West Whiteland Township on January 2, 2024. The purpose of the User Questionnaire is to identify tasks required to be completed by or on behalf of a party seeking to qualify for landowner liability

protections to CERCLA liability and gather information from the user that may be material to identifying RECs. The User Questionnaire completed by Mr. Edward Culp Jr. was received on January 8, 2024 and is included in Appendix A.

The User Questionnaire identifies the Subject Property has been utilized as the Township maintenance garage. Maintenance garage operations have used basic automotive chemicals that have been managed with proper SDS sheets. Mr. Culp was aware of a prior release at the Subject Property that was remediated in cooperation with the PADEP. This release was from a former heating oil UST that was removed in 2008 and subsequently remediated to the Act 2 Statewide Health Standard. The Act 2 Final Report associated with this remedial work is included in Appendix E and discussed in detail in Section 6.2.7. The historic release of heating oil that was remediated to an unrestricted use standard is identified as an HREC.

#### **4.0 SITE AND ADJOINING PROPERTIES DESCRIPTION**

The Subject Property is identified as 222 N Pottstown Pike, Exton, PA and Chester County UPI 41-5-30.2. The Subject Property encompasses approximately 3 acres of land and is currently improved with three buildings and four sheds. The structures are located on the western portion of the property. The buildings and sheds are utilized by West Whiteland Township for storage and maintenance of public works vehicles, equipment, and materials. The eastern portion of the Subject Property is currently utilized by GreenDrop as a donation drop off location.

In general, the Subject Property is located in a commercial use area. A tax map and aerial photograph of the Subject Property and surrounding area is included as Figure 2. Specific adjoining property uses are outlined below.

North	Mattress Warehouse and a second commercial building that did not appear to be occupied.
South	Pep Boys and a shopping center.
East	N Pottstown Pike (7 lane road) followed by a shopping center further east. The shopping center includes a bank, restaurants, retail, and a gym.
West	Public park

The shopping center to the south is located downgradient of the Subject Property. Tenants immediately adjacent to the Subject Property included shops, department stores, and restaurants. Evidence of RECs were not identified through review of the current use of adjoining properties.

#### **5.0 PRIOR ENVIRONMENTAL REPORTS**

No prior environmental reports were provided to Huxta Environmental. Reports reviewed through the West Whiteland Township file review and PADEP file review are outlined in Sections 6.2.5 and 6.2.7.

## 6.0 RECORDS REVIEW

Huxta Environmental has obtained and reviewed reasonably ascertainable records from standard sources as defined by ASTM E1527-21.

### 6.1 PHYSICAL SETTING

The Subject Property is located at an elevation ranging from 310 to 320 feet mean sea level. The land surface at the Subject Property slopes to the southwest. Properties northeast are upgradient of the Subject Property and properties located southwest are downgradient of the Subject Property. Six monitoring wells were previously installed on the Subject Property. Groundwater elevation maps prepared from data collected from that monitoring well network identified the groundwater gradient was to the south, southeast, and southwest on the eastern portion of the property. Groundwater flow in the larger area is anticipated to the south and southwest.

According to the USGS National Geologic Map, the Subject Property is underlain by the Ledger Formation. The Ledger Formation is characterized as light gray, fine to medium grained crystalline dolostone, medium to massively bedded, and strongly jointed. Joints are typically blocky and well developed, moderately abundant, and steeply dipping.

According to Web Soil Surveys, soils beneath the Subject Property are mapped as the Conestoga Silt Loam and Penlaw Silt Loam. The Conestoga Silt Loam is characterized as surficial silt loams followed by silty clay loams and channery loams. The Conestoga Silt Loam is well drained. The Penlaw silt loam is characterized as surficial silt loams followed by silty clay loams and loams. The Penlaw silt loam is somewhat poorly drained.

### 6.2 HISTORIC RECORDS REVIEW

#### 6.2.1 AERIAL PHOTOGRAPHS

Aerial photographs from the years 1937, 1946, 1958, 1965, 1968, 1971, 1975, 1981, 1992, 2005, 2010, 2015, and 2019 were provided by EDR and reviewed as part of this assessment.

Year	Description
1937-1946	The Subject Property and surrounding properties are in agricultural use. Pottstown Pike borders the Subject Property to the east. Evidence of a possible former rail line can be seen on the eastern edge of the Subject Property adjacent to N Pottstown Pike.
1958	The Subject Property remains in use as an agricultural field. A drive-in movie theater has been constructed on the property to the south and

Year	Description
	several commercial buildings have been constructed along Pottstown Pike east and south of the Subject Property.
1965-1968	The eastern portion of the Subject Property is in use as a baseball field. The western portion of the Subject Property remains an agricultural field. A commercial building has been constructed on the adjoining property to the north.
1971-1975	One commercial building has been constructed on the eastern portion of the Subject Property. This is the former township building. Additional commercial construction has occurred east of the Subject Property.
1981	A second commercial building, a garage, and several sheds have been constructed on the Subject Property. The commercial building is located on the western side of the property and is the current maintenance shop. The garage is the 1-bay garage on the western portion of the property. The remainder of the property appears to be parking and drive areas.
1992	An additional commercial building has been constructed on the western portion of the Subject Property. The building is the existing 5-bay garage. Miller Way (a road) has been constructed across the southwest corner of the Subject Property. The drive in movie theater south of the Subject Property has been replaced by a shopping center and a commercial building has been constructed on the adjoining property to the south. A shopping center has also been constructed northeast of the Subject Property.
2005	The Subject Property and surrounding properties remain relatively unchanged.
2015	The eastern Subject Property Building has been demolished.
2019	The Subject Property and surrounding properties remain relatively unchanged.

In summary, the aerial photograph review identified the Subject Property was in agricultural use from at least 1937 to the 1950s. A baseball field was constructed on the eastern portion of the Subject Property in the 1960s.

Development of the Subject Property began in the late 1960s to early 1970s. A commercial building that was in use as the township building and police department was constructed on the eastern portion of the Subject Property in the late 1960s to early 1970s. This building was demolished between 2010 and 2015.

Three buildings remain on the Subject Property. The maintenance building and 1-bay garage were constructed between 1975 and 1981. The 5-bay garage was constructed between 1981 and 1992.

Surrounding properties were in agricultural use in 1937. Commercial development of the area began in the 1950s. A significant expansion in development of the area took place in the 1980s to early 1990s. Specific uses of adjoining and surrounding properties is discussed further throughout this report.

RECs were not identified through the aerial photograph review.

### 6.2.2 FIRE INSURANCE MAPS

Fire insurance maps were not available for the area of the Subject Property.

### 6.2.3 LOCAL STREET DIRECTORIES

Local street directories from the years 1972, 1976, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014, 2017, and 2020 were provided by EDR and reviewed as part of this assessment. The Subject Property was listed under the following names within the City Directory

Year	Description
1972	West Whiteland Township, Homemaker Service
1976	North Ctrl Un Fund, United Fund N Cntr, West Whiteland Township, City Police Department, Homemaker Service
1982	Home Care Assistance, Meals on Wheels, Meals Together Sr. Center, West Whiteland Township, Homemaker Service
1987	Home Assistance, Homemaker Service, Meals on Wheels, Meals Together Sr. Center, West Whiteland Police, West Whiteland Township
1992	West Whiteland Police, West Whiteland Township
1995	No listings
2000	West Whiteland Township Administrative Office, West Whiteland Township Police Department
2005	Irwin & Leighton, West Whiteland Police Department, West Whiteland Township
2010	Police Records, West Whiteland Parks & Rec, West Whiteland Township Police Department
2014-2020	No listings

In summary, the Subject Property listings included West Whiteland Township, the police department, homecare companies, a meal provider, and a construction company. None of the listings were identified to include operations that are indicative of a REC.

City directory listings of surrounding properties were also reviewed. Listings of potential interest that were further evaluated are discussed below. None of the surrounding property listings were identified to result in a REC at the Subject Property.

- 215 and 216 N Pottstown Pike was listed as a service station and cleaners. This property is located southeast, crossgradient to downgradient, and opposite N Pottstown Pike from the Subject Property. Given its relative crossgradient to downgradient location it does not result in a REC at the Subject Property.
- 219 Pottstown Pike was listed as Victoria Cleaners in 1992 and H&L Cleaners from 1982 to 1987. This property is located east, crossgradient to downgradient, and opposite N Pottstown Pike from the Subject Property. Given its relative crossgradient to downgradient location it does not result in a REC at the Subject Property.
- 260 Pottstown Pike was listed as Exton Cleaners in 1992. 260 Pottstown Pike is located approximately 700 feet north of the Subject Property and in proximity to Valley Creek. Groundwater from the area of the 260 Pottstown Pike property is anticipated to flow to the southwest toward Valley Creek and not beneath the Subject Property. Therefore, the historic cleaner at 260 Pottstown Pike does not result in a REC at the Subject Property.

#### 6.2.4 TOPOGRAPHIC MAPS

Topographic maps from the years 1906, 1943, 1955, 1968, 1973, 1983, 1999, 2013, 2016, and 2019 were provided by EDR and reviewed as part of this assessment. A railroad line is shown traversing across the eastern edge of the Subject Property in the 1906 map. The railroad line is no longer depicted in the 1943 map. The historic rail line does not appear to have any rail siding or other locations where railcars would be expected to be stored, maintained, or unloaded. In addition, the line is located immediately adjacent to N. Pottstown Pike which has since been widened and is currently seven lanes wide. Given the section of rail line appears to correspond only to periodic transport of rail cars and the likelihood that the line is now beneath N. Pottstown Pike, the historic rail line does not result in a REC at the Subject Property.

No buildings or other improvements are shown on the Subject Property in the maps from 1943 to 1973. One building is shown on the eastern portion of the Subject Property in the 1983 topographic map. No specific buildings are depicted on the maps from 1999 to 2019. Miller Way is shown as being constructed across the southwest corner of the Subject Property between 1983 and 1999.

RECs were not identified through the topographic map review.

#### 6.2.5 MUNICIPAL RECORDS

Huxta Environmental reviewed the West Whiteland Township file for the Subject Property on January 8, 2024. The file included the following reports and documents of relevance. These reports are included in Appendix E.

- 1998 UST Closure Report Form – The report is dated December 17, 1998 and documents the removal of a 10,000-gallon gasoline UST and dispenser. The UST was installed in 1982 and removed in 1998. No evidence of a release was observed during removal of the UST and soil samples collected from beneath the former UST and dispenser did not report detections of unleaded gasoline constituents above laboratory method detection limits. This report documents the former 10,000-gallon gasoline UST and associated dispenser did not result in a release of gasoline and it was properly removed from the Subject Property in 1998. Therefore, the former 10,000-gallon gasoline UST is not identified as a REC.
- 2018 AST Inspection Report – The report documents the January 10, 2018 inspection of the existing 6,000-gallon regulated gasoline AST at the Subject Property. The AST is listed as a concrete encased steel tank with interstitial monitoring. No compliance deficiencies or releases were observed/suspected during the inspection. The report identifies the next required inspection is in 2028. No indications of a release from the AST were identified in the inspection report.
- Monitoring Well Figure – A figure was attached to a monitoring well permit application that identified the location of a former heating oil UST on the eastern portion of the Subject Property. These monitoring wells were associated with remedial work conducted following a release of heating oil from a 1,000-gallon UST. As discussed in Section 6.2.7, the release was remediated through the PADEP Act 2 Program and no ongoing activity and use limitations or other controls were necessary. Therefore, the former heating oil release is an HREC.

#### 6.2.6 RECORDER OF DEEDS

Huxta Environmental visited the Chester County Recorder of Deeds office online access on January 3, 2024 to review Subject Property deeds. Subject Property ownership is outlined in the table below. Site ownership was able to be traced back to 1941.

Date Range	Owner
1959-current	West Whiteland Township
1941-1959	George Chandler and Ann Howell Chandler
Prior to 1941	Mary Dorsey Ashbridge

The Subject Property has been owned by West Whiteland township since 1959. The property deed dated September 22, 1959 references the Sinclair Oil Pipeline and Laurel Pipe Line running beneath the Subject Property. The approximately locations are shown on Figure 3.

The Laurel Pipeline is now owned and operated by Buckeye Pipeline. Huxta Environmental talked with Mr. Francis Bruton of Buckeye Pipeline on January 5, 2023. Mr. Bruton indicated the Laurel Pipeline beneath the Subject Property is 24-inches in diameter, was installed in the 1950s, is currently active, and carries refined petroleum. Mr. Bruton indicated the pipeline is continuously monitored for evidence of leaks, spills, or failure through pressure monitoring and

there have not been any releases or issued identified in the area of the Subject Property. Based on this information, the Laurel Pipeline beneath the Subject Property does not result in a REC at the Subject Property.

The Sinclair Oil Pipeline is now owned by Enterprise Products and is identified as the A3 Pipeline. Huxta Environmental contacted Mr. Frederick Lester of Enterprise Products on January 9, 2024. Mr. Lester provided information on the A3 pipeline. The pipeline comes within close proximity to the northeast corner of the Subject Property, but does not appear to run beneath the Subject Property. The pipeline is 8-inches in diameter, was installed in or around the 1940s, and carries propane. Mr. Lester indicated that the pipeline has an ongoing monitoring, inspection, and maintenance program. Mr. Lester indicated that there have not been any releases or issues identified in the area of the Subject Property. Based on the information, the A3 pipeline does not result in a REC at the Subject Property.

#### 6.2.7 ADDITIONAL STATE ENVIRONMENTAL DATABASES

Huxta Environmental reviewed the below listed additional Pennsylvania environmental databases.

<b>Database</b>	<b>Subject Property Listed</b>
AUL Registry*	No
eFACTS**	Yes
Environmental Site Assessment Search Tool***	Yes

\*Pennsylvania Activity and Use Limitations Registry

\*\*Pennsylvania Environment Facility Application Compliance Tracking System

\*\*\*PADEP web accessed Environmental Site Assessment Search Tool

The Subject Property is listed in the PADEP eFACTS system and/or PADEP Environmental Site Assessment Search Tool under the following listings:

- W Whiteland Twp – Interceptor – Site ID 451666 in the Clean Water Program
- W Whiteland Twp MS4 UA – Site ID 613970 in the Clean Water Program
- West Whiteland Twp Munic Bldg – Site ID 716368 – Land Recycling Cleanup Location
- West Whiteland Twp Chester Cnty – Facility ID 15-42864 – Storage Tanks Active and Inactive

The listings in the clean water program appear to be associated with stormwater management within the township. The listings are tied to the Subject Property address because the township building was historically located on the Subject Property. These listings are not indicative of a REC at the Subject Property.



The active storage tank listing is associated with a 6,000-gallon gasoline AST that was installed in 1998. As discussed in Section 6.2.5, no evidence of a release or failure of the AST was identified in its most recent PADEP complaint inspection in 2018. In addition, Huxta Environmental observed the AST during the site reconnaissance and no evidence of a release was observed. The 6,000-gallon AST does not result in a REC at the Subject Property.

The inactive storage tank listing is associated with a 10,000-gallon gasoline UST that was installed in 1982 and removed in 1998. As discussed in Section 6.2.5, the UST closure report for this tank was reviewed. Evidence of a release was not identified during closure and soil samples collected at that time did not report detections of unleaded gasoline constituents above laboratory method detection limits. The UST was properly closed and does not result in a REC.

The Land Recycling Cleanup Location listing is associated with a heating oil release at the Subject Property that was remediated through the PADEP Act 2 Program. Huxta Environmental conducted an in-person file review at the PADEP Southeast Regional Office on January 18, 2024. Copies of pertinent reports from the file are included in Appendix E. The release occurred from a 1,000-gallon heating oil UST that was removed in 2008. The former location of the heating oil UST is outlined on Figure 3.

The UST served the former township building on the eastern portion of the Subject Property that was demolished in 2013. Remedial work associated with the heating oil release took place from 2008 through 2015. Approximately 57 tons of heating oil impacted soil was excavated and properly disposed of during the UST removal in 2008. Soil samples collected following this excavation work identified remaining soil impacted above applicable PADEP standards. An additional 294 tons of petroleum impacted soil was excavated and disposed of in 2013. Seven post excavation demonstration of attainment soil samples were collected in a biased manner at the completion of excavation. None of these samples contained any PADEP heating oil shortlist compounds above PADEP standards (RMSCs or vapor intrusion screening values). This sampling demonstrates that soils impacted by the heating oil release have been removed from the Subject Property.

Groundwater was first evaluated through collection of a sample from a temporary well point. The temporary well point sample contained benzene; naphthalene; 1,2,4-trimethylbenzene (TMB); and 1,3,5-TMB above PADEP RMCSs. Groundwater quality was therefore further evaluated through installation and sampling of six monitoring wells. The top of the groundwater surface was measured at approximately 21 to 23 feet below grade in the monitoring wells. None of the properly constructed monitoring wells contained PADEP heating oil shortlist compounds at detectable concentrations.

The soil and groundwater data was compiled into the Act 2 Final Report prepared by SSM Group, Inc dated February 2015. The Final Report was approved by PADEP via letter dated April 10, 2015. The letter indicates the remediation attained a non-residential Statewide Health Standard

for soil and groundwater. While the letter indicates a nonresidential Statewide Health Standard was attained, it should be noted that no activity and use limitations or other controls were required, the text of the report references demonstration of attainment of the residential Statewide Health Standard, and the demonstration of attainment data for soil and groundwater meets residential standards. It appears the nonresidential standard was referenced due to the projected future nonresidential use of the property as identified on the Final Report Summary Form. The heating oil release from the former 1,000-gallon heating oil UST has been remediated to the satisfaction of the PADEP and met the unrestricted use criteria. Therefore, the former heating oil release is identified as an HREC.

### 6.3 REGULATORY RECORDS REVIEW

Huxta Environmental contracted Environmental Data Resources, Inc (EDR) to conduct a search of available environmental records in standard federal, state, and tribal environmental record sources. The search was conducted to identify properties listed in the records sources within ASTM E1527-21 defined approximate minimum search distances. A summary of record sources that contained a listing within the approximate minimum search distance is outlined in the table below. For a complete copy of the search results, including additional environmental records sources, please see the complete search included in Appendix C.

Record Source	Search Distance	Subject Property Listings	Non Subject Property Listings	Listings Resulting in a REC
CORRACTS	1 mile	0	1	0
RCRA-SQG	0.25 miles	0	1	0
RCRA-VSQG	0.25 miles	0	5	0
PA LUST	0.5 miles	0	9	0
PA UNREG LTANK	0.5 miles	0	1	0
PA UST	0.25 miles	0	2	0
PA AST	0.25 miles	1	1	0
PA VCP	0.5 miles	1	2	0
PA Archive UST	0.25 miles	1	8	0
PA Act 2-DEED	0.5 miles	0	1	0
RCRA NonGen/NLR	0.25 miles	0	3	0
MINES MRDS	0.25 miles	0	1	0
PA Drycleaners	0.25 miles	0	2	0
PA Manifest	0.25 miles	0	5	0
NJ Manifest	0.25 miles	0	1	0
NY Manifest	0.25 miles	0	2	0
EDR Hist Auto	0.125 miles	0	1	0
EDR Hist Cleaner	0.125 miles	0	3	0

The Property was listed in the PA AST, PA VCP, and PA Archive UST databases.

- PA AST – This listing is associated with the existing 6,000-gallon gasoline AST that was installed at the Subject Property in 1998. Evidence of a release from this AST was not identified. The AST does not result in a REC at the Subject Property.

- PA Archive UST – The listing is associated with a 10,000-gallon gasoline UST that was installed at the Site in 1982. The status of the UST is “Removed”. As discussed in Section 6.2.5, the UST was removed in 1998. No evidence of a release was identified during the proper closure of the UST through removal. The former UST does not result in a REC at the Subject Property.
- PA VCP – The listing is associated with a release of No. 2 fuel oil that was remediated and attained the Statewide Health Standard (ie unrestricted use standard) for soil and groundwater. The Act 2 Final Report was approved in 2015. Details regarding the remediation of the heating oil release are provided in Section 6.2.7. The release has been remediated to the satisfaction of the PADEP and required no ongoing activity and use limitations or other controls. Therefore, it is identified as an HREC.

Properties listed within designated record sources were further evaluated to determine if they result in a REC at the Subject Property. Properties requiring a detailed review are discussed below. Based on the relative location, anticipated groundwater flow direction, and/or details of the facility listings, the remaining sites listed are not likely to have current or former releases of hazardous substances or petroleum products that have migrated to the Subject Property.

- 100 W Swedesford Road is listed in the LUST database as Verizon Exton PA and is mapped approximately 125 feet north of the Subject Property. The listing indicates a release of diesel fuel that impacted soil and groundwater at 100 W Swedesford Road. The status is listed as Cleanup Complete as of 2001. Based on the status of the cleanup, prior evaluations into groundwater quality associated with the heating oil release discussed in Section 6.2.7, and Phase II ESA activities discussed in Section 9, this listing does not result in a REC at the Subject Property.
- Current and historic dry cleaners are listed in the Fairfield Place shopping center located approximately 600 feet northeast of the Subject Property. These include Dolphin Cleaners in 1996 and 1997 and Fairfield Cleaners, which is currently operating. Fairfield Cleaners is also listed in the VCP database and attained the Act 2 Statewide Health Standard for chlorinated solvents in soil and groundwater in 2021. The attainment of the Statewide Health Standard in groundwater indicates the impacts, if any, are isolated to the Fairfield Place shopping center and do not extend beneath the Subject Property. Therefore, drycleaning operations at the Fairfield Place shopping center do not result in a REC at the Subject Property.

## **7.0 SITE RECONNAISSANCE**

Huxta Environmental performed the site reconnaissance of the Subject Property on January 4, 2023. The reconnaissance was performed by Stephen Huxta, P.G. The interiors of the Subject Property building were observed followed by building exteriors, unimproved areas of the Subject Property, and the periphery of the Subject Property. Adjoining properties were observed from the

Subject Property boundary and from public thoroughfares as applicable. No significant limiting conditions were encountered during the reconnaissance. Significant observations made during the site reconnaissance are outlined on Figure 3. Photographs are provided in Appendix D.

#### 7.1 STRUCTURES, OTHER IMPROVEMENT, AND HEATING SOURCES

The Subject Property is improved with three enclosed buildings and four sheds. The buildings and sheds are located on the western portion of the Subject Property. The buildings are identified as the 5-bay garage, 1-bay garage, and maintenance building as shown on Figure 3.

The 5-bay garage is a single story five bay garage and storage building. The building is heated via ceiling mounted natural gas heating units. The building has a public water connection for the purpose of filling a brine tank for road treatment, but does not contain a sink, toilet, or other improvements that would generate wastewater. The building is not connected to sewer.

The maintenance building is a single-story automotive garage and shop with a loft. The building contains two bays and is heated via ceiling mounted natural gas heating units. The buildings is served by public water and is connected to an on lot septic system. The use of the building in automotive repair for over 40-years with an on lot septic system was further evaluated through the Phase II ESA discussed in Section 9.

The 1-bay garage building is a storage garage containing several snowplows, a tar kettle trailer, and tools. The building is not heated and is not improved with plumbing.

Three of the four sheds are utilized to store road signs, traffic control equipment, construction equipment, and construction tools. The remaining shed is an open-faced shed used to store salt for road treatment.

The eastern portion of the Subject Property is currently in use by GreenDrop for the collection of donated clothing and household items. GreenDrop has three trailers used for collection of donations.

#### 7.2 ROADS

Paved drive areas, parking areas, and storage areas are located throughout the Subject Property. The storage areas have various public works vehicles and equipment in storage.

#### 7.3 POTABLE WATER SUPPLY/SOURCE

The Subject Property is served by public water.

#### 7.4 SEWAGE DISPOSAL SYSTEM

The 1-bay and 5-bay garage buildings are not connected to a sewer system and do not have sanitary facilities or floor drains. The maintenance building is connected to an on lot septic system. The use of the building in automotive repair for over 40-years with an on lot septic system was further evaluated through the Phase II ESA discussed in Section 9.

#### 7.5 FORMER SEPTIC SYSTEMS OR CESSPOOLS

Huxta Environmental did not observe evidence of former septic systems or cesspools at the Subject Property during the site reconnaissance.

#### 7.6 HAZARDOUS SUBSTANCES

Huxta Environmental observed flammables closets in the maintenance and large garage buildings that contained cleaners, corrosion inhibitors, and wasp/hornet spray. Approximately ten (10) 5-gallon buckets of paint were observed in the 5-bay garage. All material appeared in secure storage and evidence of a release was not identified.

#### 7.7 PETROLEUM PRODUCTS

In addition to the ASTs discussed in Section 7.8 below, Huxta Environmental observed the following petroleum products at the Subject Property during the site reconnaissance:

##### 5-Bay garage

- Approximately ten 1-to-5-gallon gasoline and diesel fuel cans.

##### Maintenance Building

- One above ground hydraulic lift. The hydraulic lift contains a hydraulic fluid reservoir located above grade and attached to the lift.
- Four 5-gallon buckets of hydraulic fluid and oil.

##### 1-Bay Garage

- Approximately five 5-gallon buckets of lubricants.

All petroleum products that were observed in storage appeared secure and evidence of a release was not identified. In addition, the hydraulic lift appeared in good condition and evidence of a release of hydraulic oil was not identified.

## 7.8 ABOVE GROUND STORAGE TANKS

Huxta Environmental observed the following Above Ground Storage Tanks (ASTs) at the Subject Property during the site reconnaissance. The locations of the ASTs are outlined on Figure 3.

- One 6,000-gallon gasoline AST. The AST is improved with a dispenser that is attached to the AST. The piping and hoses for the dispenser were all located above grade. No evidence of a release was observed.
- One 1,000-gallon diesel AST that is currently in use. The AST is improved with a dispenser that is mounted on top of the AST. All piping and hoses for the dispenser are located above grade. No evidence of release was observed.
- One 110-gallon hydraulic oil AST in the maintenance building. The AST is constructed of plastic and is located on secondary containment. Evidence of a release was not observed.
- One 110-gallon motor oil AST in the maintenance building. The AST is constructed of plastic and is located on secondary containment. Evidence of a release was not observed.
- One 180-gallon motor oil AST in the maintenance building. The AST is constructed of plastic and is located on secondary containment. Evidence of a release was not observed.
- One 180-gallon used oil AST in the maintenance building. The AST is constructed of plastic is located on secondary containment. Evidence of a release was not observed. The AST is reportedly used to collect waste oil from the automotive operations and is pumped out as necessary by B&E Oil for disposal.
- One 110-gallon DEF plastic AST in the maintenance building. Evidence of a release was not observed.
- One plastic brine AST. The AST is used to store brine solution for de-icing and road treatment.

No evidence of a release from any of the ASTs was identified. None of the ASTs result in a REC at the Subject Property.

## 7.9 UNDERGROUND STORAGE TANKS

Huxta Environmental did not observe evidence of existing Underground Storage Tanks (USTs) at the Subject Property during the site reconnaissance. Please refer to Sections 6.2.5 and 6.2.7 regarding former USTs that were removed.

## 7.10 ODORS

Huxta Environmental did not observe odors typical of hazardous substances or petroleum products at the Subject Property during the site reconnaissance.

#### 7.11 SURFACE WATER

No surface waters were observed on the Subject Property during the site reconnaissance.

#### 7.12 DRUMS, TOTES, AND INTERMEDIATE BULK CONTAINERS

Five drums were observed along the southern wall of the maintenance building. Three of the drums were empty and two contained waste antifreeze. The antifreeze is reportedly in storage and awaiting disposal. Evidence of a release was not identified.

One drum was observed within the maintenance building containing oil. The drum appeared secure and evidence of a release was not identified.

#### 7.13 UNIDENTIFIED SUBSTANCE CONTAINERS

Huxta Environmental did not observe unidentified substance containers at the Subject Property during the site reconnaissance.

#### 7.14 PCB CONTAINING ITEMS

Huxta Environmental did not observe suspected PCB containing items at the Subject Property during the site reconnaissance.

#### 7.15 INTERIOR STAINING AND CORROSION

De minimis staining was observed on the concrete pad of the maintenance building. Given the de minimis nature of the staining, it is not identified as a REC. No staining indicative of a REC was identified.

#### 7.16 DRAINS AND SUMPS

The maintenance building contains one floor drain within the work area that is reportedly connected to a sump along the western wall. The locations of these features are identified on Figure 3. The sump discharges through the western exterior wall to a concrete pad.

#### 7.17 PITS, PONDS, OR LAGOONS

Huxta Environmental did not observe pits, ponds, or lagoons at the Subject Property during the site reconnaissance.

#### 7.18 STAINED SOIL OR PAVEMENT

Huxta Environmental did not observe stained soil or pavement at the Subject Property during the site reconnaissance.

#### 7.19 STRESSED VEGETATION

Huxta Environmental did not observe stressed vegetation at the Subject Property during the site reconnaissance.

#### 7.20 SOLID WASTE

Solid waste is collected into dumpsters located on the central portion of the property for offsite disposal. Huxta Environmental did not observe evidence of solid waste dumping or landfilling at the Subject Property during the site reconnaissance.

#### 7.21 WELLS

Huxta Environmental observed asphalt patches consistent with the locations of the former monitoring wells referenced in Section 6.2.7. The locations of the former monitoring wells are outlined on Figure 3. In addition, an former water supply well that was abandoned through filling with a bentonite slurry was observed beneath a manhole on the eastern portion of the Subject Property. Evidence of current water supply wells or current monitoring wells was not observed.

### 8.0 INTERVIEWS

#### 8.1 KNOWLEDGEABLE INDIVIDUALS

Huxta Environmental attempted to identify and interview knowledgeable individuals such as current owners, past owners, operators, and occupants. Mr. Edward Culp, West Whiteland Township Operations Manager Public Works, was identified as the Key Site Manager. Mr. Culp was interviewed on January 4, 2023 during the site reconnaissance. The information gained through interviewing Mr. Culp has been incorporated into Section 7 above. In summary, Mr. Culp indicated:

- The Subject Property buildings are currently heated via natural gas.
- To Mr. Culp's knowledge the existing Subject Property buildings were not previously heated via heating oil.
- The building on the eastern portion of the Subject Property that was demolished in the 2010s was the township building. It included offices and the police department. The



building was heated via heating oil. The heating oil UST was removed prior to demolition of the building.

- As discussed in Section 6.2.7, a release of heating oil from the UST was identified during its removal in 2008. The release was remediated through the PADEP Act 2 Program. Relief of cleanup liability was granted by the PADEP in 2015 following approval of the Act 2 Final Report. No activity and use limitations or other controls were required. Therefore, the release that has been remediated is identified as an HREC.
- Mr. Culp was not aware of any existing USTs on the Subject Property.
- The property is served by public water.
- The maintenance building is connected to an on lot septic system.
  - The use of the maintenance building for automotive repair and maintenance for over 40 years with an on lot septic system was further evaluated through the Phase II ESA discussed in Section 9.
- The 1,000-gallon diesel AST is currently in use. Mr. Culp was not aware of any releases or issues associated with the AST.
- The 6,000-gallon gasoline AST is no longer in use. It has not been used for approximately 5-years. Mr. Culp was not aware of any releases or issues associated with the AST.

Huxta Environmental contacted Mr. Francis Burton of Buckeye Partners L.P. on January 5, 2024 and Mr. Frederick Lester of Enterprise Products on January 9, 2024. Mr. Burton provided information on the Laurel Pipeline that runs beneath the Subject Property and Mr. Lester Provided information on the A3 Pipeline (formerly Sinclair Pipeline) that runs immediately north of the Subject Property. Details on these pipelines are discussed in Section 6.2.6. Neither pipeline results in a REC at the Subject Property.

## **9.0 NON-SCOPE SERVICES**

Huxta Environmental conducted a Phase II ESA to evaluate if the on lot septic system serving the vehicle maintenance and repair building resulted in a release of regulated compounds to soil or groundwater at the Subject Property. This was evaluated through a geophysical assessment, the advancement of six soil borings, and the collection of soil and groundwater samples for analytical analysis of specific compounds of concern. As discussed below, the assessment confirmed the on lot septic system has not resulted in impacts to soil or groundwater above applicable PADEP standards.

### **9.1 GEOPHYSICS**

Huxta Environmental provided a geophysicist and the equipment necessary to conduct a combined EM and GPR assessment of the area of the septic tank and area surrounding the maintenance building. The assessment was conducted on February 15, 2024. The purpose of the

geophysical assessment was to identify the location of the septic system and clear soil boring locations of utilities.

A complete geophysical report is provided in Appendix F. In summary, an approximately 10' by 10' septic tank or cesspool was identified off the southeastern corner of the maintenance building beneath a sanitary manhole. A sanitary line was identified entering the feature from the maintenance building. No features indicative of a discharge line exiting the tank or cesspool were identified. GPR data was collected throughout the western and central portions of the property and no features indicative of a leach field for the septic system were identified.

Following mark out of the septic system infrastructure, surrounding utilities were identified and six soil boring locations were cleared.

## 9.2 SOIL BORINGS AND SOIL ANALYTICAL RESULTS

Huxta Environmental contracted Ferris Company to provide direct push drilling services. A track mounted geoprobe drill rig was utilized to advance six (6) soil borings (SB-1 through SB-6) on February 16, 2024. One soil boring (SB-1) was advanced along the upgradient property boundary, three soil borings (SB-2, SB-3, and SB-4) were advanced in the immediate area of the septic system and grass area east of the maintenance building, and two soil borings (SB-5 and SB-6) were advanced downgradient of the septic system.

A Huxta Environmental geologist direct the soil boring operations, logged subsurface conditions encountered, field screened samples with a photo-ionization detector (PID) for organic vapors, and inspected the core samples for odors, staining, or other signs of environmental impact. Boring locations are outlined on Figure 4.

Soil borings were advanced to 20 to 25 feet below grade. Soil boring logs are included in Appendix G. No odors, staining, or PID readings greater than 1 ppm were encountered in any soil borings. Increased moisture indicative of interception of the local groundwater table was encountered between 15 and 19 feet below grade. One soil sample was collected from SB-2, SB-3, SB-4, SB-5, and SB-6 from unsaturated soils. Given the absence of any evidence of impact through field screening, deeper soil sample depths were chosen to ensure they would evaluate any potential releases. The samples were identified as SB-2-11, SB-3-10, SB-4-11, SB-5-8, and SB-6-7.5.

All soil samples were collected into laboratory prepared bottleware, placed on ice in a hard plastic cooler, and transported to a Pennsylvania certified laboratory under chain of custody for analysis of the Target Compound List Volatile Organic Compounds (VOCs), PADEP petroleum shortlist VOCs, PADEP used oil shortlist Polycyclic Aromatic Hydrocarbons (PAHs), and lead.

Soil analytical results are summarized on Table 1 and a complete laboratory report is included in Appendix H. The results were compared to PADEP Act 2 Residential Statewide Health Standard Medium Specific Concentrations (RMSCs) and PADEP Act 2 Statewide Health Standard Vapor Intrusion Screening values for soil (SHS RSV<sub>SOIL</sub>). Background lead concentrations at naturally occurring levels and very low concentrations of acetone, carbon disulfide, methyl acetate, and PAHs were detected in soil samples. To the extent any compounds were detected above laboratory method detection limits, they were orders of magnitude below PADEP RMSCs and PADEP SHS RSV<sub>SOILS</sub> and are not indicative of a release that would require further evaluation or remediation at the Subject Property.

### 9.3 TEMPORARY WELL SAMPLING AND ANALYTICAL RESULTS

Soil borings SB-1, SB-2, SB-5, and SB-6 were converted to temporary well points TW-1, TW-2, TW-5, and TW-6 to allow for the collection of groundwater samples. Temporary well locations are outlined on Figure 4.

The temporary wells were constructed with 10-feet of 1-inch PVC well screen followed by PVC riser to grade. The depth to groundwater in each temporary well was measured with an electronic depth to water meter. Groundwater was measured at 16 and 19 feet below grade.

Prior to sample collection each temporary well point was purged with a peristaltic pump. Following purging samples were collected for analytical analysis of TCL VOCs, PADEP petroleum shortlist VOCs, PADEP used oil shortlist PAHs, and dissolved lead. Samples for PAHs and dissolved lead were collected with use of the peristaltic pump and the samples for dissolved lead were field filtered through a 0.45-micron disposable filter. The samples for TCL VOCs were collected from the top of the water column with a disposable bailer. Following collection, all samples were placed on ice in a hard plastic cooler and transported to a Pennsylvania certified analytical laboratory under chain of custody.

Groundwater analytical results are summarized on Table 2 and a complete analytical laboratory report is included in Appendix H. The results were compared to PADEP RMSCs and PADEP Act 2 Statewide Health Standard Vapor Intrusion Screening values for groundwater (SHS RSV<sub>GW</sub>). Very low concentrations of chloroform, acetone, and 2-butanone were detected in select groundwater samples. To the extent any compounds were detected above laboratory method detection limits, they were orders of magnitude below PADEP RMSCs and PADEP SHS RSV<sub>SOILS</sub> and are not indicative of a release that would require further evaluation or remediation at the Subject Property.

#### 9.4 PHASE II ESA CONCLUSIONS

The on lot septic system serving the automotive maintenance building on the Subject Property has been evaluated through a Phase II ESA. No evidence of a release that would require further investigation or remediation was identified. To the extent any compounds of concern were detected in soil or groundwater, they were orders of magnitude below applicable PADEP standards. Based on these results, the on lot septic system does not result in a REC at the Subject Property.

#### 10.0 FINDINGS AND OPINIONS

Huxta Environmental has conducted a Phase I Environmental Site Assessment for the property located at 222 N Pottstown Pike, Exton, PA. The Phase I ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) standard practice E1527-21. The purpose of the Phase I ESA is to identify Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), Historic Recognized Environmental Conditions (HRECs), and significant data gaps.

A rail line ran adjacent to North Pottstown Pike along the eastern edge of the Subject Property in the early 1900s. The rail line was no longer present by the 1940s. The rail line does not result in a REC at the Subject Property given no evidence of rail care storage, maintenance, or unloading at the Subject Property was identified. In addition, the location of the former rail line is likely beneath N Pottstown Pike, which borders the Subject Property to the east and is now 7 lanes wide.

The Subject Property was in agricultural use from at least 1937 to the 1960s. A portion of the Subject Property was also in use as a baseball field in the 1960s. Development of the Subject Property began in the late 1960s or early 1970s with construction of a commercial building on the eastern portion of the property. This building was in use as the township office building and police department. The building was demolished in 2013.

This former township office and police department building was heated via heating oil stored in a 1,000-gallon UST. The heating oil UST was removed in 2008. The UST had resulted in a release of heating oil prior to its removal. Remedial work was conducted from 2008 to 2015 which included the removal of the UST, excavation and proper disposal of 351 tons of heating oil impacted soil, site characterization and demonstration of attainment soil sampling, and installation and sampling of six monitoring wells. The PADEP issued relief of cleanup liability under the Statewide Health Standard in 2015.

While the PADEP approval letter indicates a nonresidential Statewide Health Standard was attained, it should be noted that 1) no activity and use limitations or other controls were required, 2) the text of the report references demonstration of attainment of the residential Statewide Health Standard, and 3) the demonstration of attainment data for soil and groundwater meets residential

standards. It appears the nonresidential standard was referenced in the PADEP approval letter due to the projected future nonresidential use of the property as identified on the Final Report Summary Form. The heating oil release from the former 1,000-gallon heating oil UST has been remediated to the satisfaction of the PADEP and met the unrestricted use criteria without the need for controls. Therefore, the former heating oil release is identified as an HREC.

The Subject Property is currently improved with three buildings and four sheds on the western portion of the property that are occupied by the West Whiteland Township Public Works Department. The eastern portion of the Subject Property is operated as a mobile GreenDrop donation collection location. The property is served by public water. The buildings include a 5-bay garage, 1-bay garage, and maintenance building. The 5-bay garage and maintenance buildings are heated via ceiling mounted natural gas heating units. The 1-bay garage is not heated.

The garage buildings and sheds are primarily used for the storage of vehicles and tools. The maintenance building is utilized for automotive repair and maintenance. The maintenance building includes two bays and one above ground lift. Typical automotive fluids were observed in the maintenance building including five plastic ASTs containing hydraulic oil, motor oil, DEF, and waste oil. Waste oil is collected into the waste oil AST until it is picked up by B&E Oil for disposal or recycling. Two drums of waste antifreeze are also located outside of the maintenance building. No evidence of a release from the ASTs or drums was observed.

One floor drain and one sump were observed in the maintenance building. The floor drain reportedly discharges to the sump, which discharges to a concrete pad along the western exterior building wall. The building is served by public water and is connected to an on lot septic system. The presence of an automotive garage served by on lot septic for over 40-years was further evaluated through a Phase II ESA consisting of geophysics, the advancement of six soil borings, and the collection of five soil and four groundwater samples for Volatile Organic Compounds, Polycyclic Aromatic Hydrocarbons, and Lead. No evidence of a release of hazardous substances or petroleum products was identified. To the extent any compounds of concern were detected above laboratory method detection limits, they were at orders of magnitude below applicable PADEP standards and are not indicative of a release that would require further investigation or remediation.

The Subject Property is also improved with one 1,000-gallon diesel AST and one regulated 6,000-gallon gasoline AST. Evidence of a release from either AST was not identified. The 6,000-gallon gasoline AST replaced a former 10,000-gallon gasoline UST. The 10,000-gallon gasoline UST was removed in 1998. No evidence of a release was identified during removal of the UST and post excavation samples did not contain detectable concentrations of gasoline constituents. The 10,000-gallon gasoline UST was properly closed through removal and does not result in a REC.

A 24” refined petroleum pipeline identified as the Laurel Pipeline runs across the southern portion of the Subject Property and an 8” propane pipeline runs just north of the Subject Property. Based on conversations with operators of the pipelines, both pipelines are continuously monitored and there have been no known releases or indications of potential releases from the pipelines in the area of the Subject Property. Based on this information, neither pipeline results in a REC at the Subject Property.

## **11.0 CONCLUSIONS**

Huxta Environmental has conducted a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the property at 222 N Pottstown Pike, Exton, PA. In addition, Huxta Environmental conducted a Phase II Environmental Site Assessment to evaluate conditions of potential environmental concern identified through Phase I ESA activities.

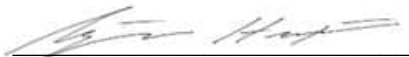
The combined Phase I and II ESA has not identified any RECs, CRECs, or significant data gaps.

The Phase I and II ESA has identified the following HREC:

- A release of heating oil occurred from a 1,000-gallon heating oil UST on the eastern portion of the Subject Property. The UST was removed in 2008. The heating oil release was remediated from 2008 through 2015 through excavation and proper disposal of impacted soil and installation and sampling of six monitoring wells that confirmed the absence of groundwater impact. The PADEP issued relief of cleanup liability under the Statewide Health Standard for the heating oil release in 2015 following approval of the Act 2 Final Report prepared by SMS Group. The heating oil release from the former 1,000-gallon heating oil UST has been remediated to the satisfaction of the PADEP and met the unrestricted use criteria without the use of controls. Therefore, the former heating oil release is identified as an HREC.

## 12.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

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

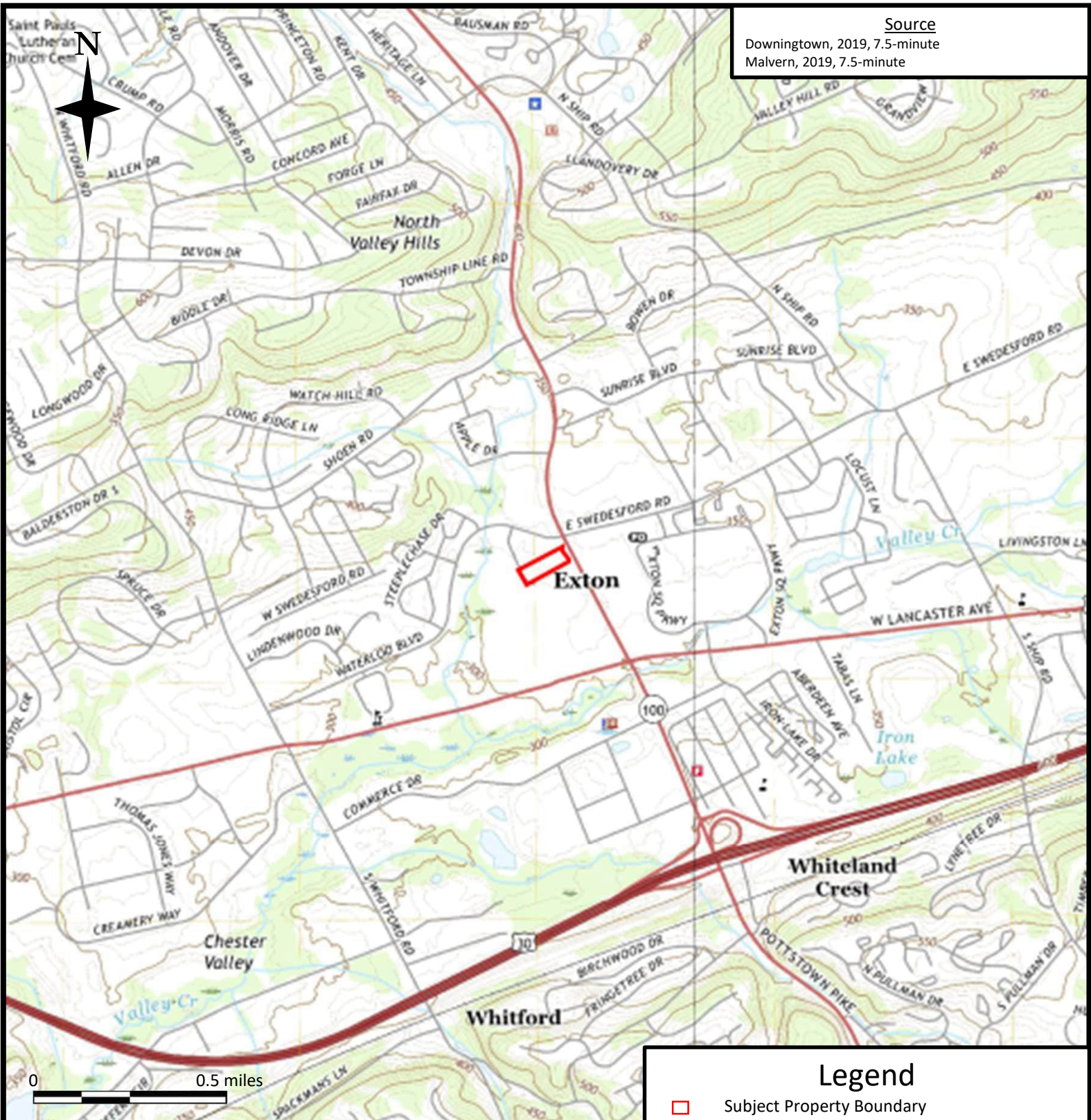


Stephen Huxta, P.G.

## 13.0 REFERENCES

- The EDR Aerial Photo Decade Package, December 26, 2023, 222 N Pottstown Pike, Inquiry Number 7528113.8
- Certified Sanborn Map Report, December 26, 2023, 222 N Pottstown Pike, Inquiry Number 7528113.3
- The EDR-City Directory Image Report, December 28, 2023, 222 N Pottstown Pike, Inquiry Number 7528113.5
- EDR Historical Topo Map Report, December 26, 2023, 222 N Pottstown Pike, Inquiry Number 7528113.4
- The EDR Radius Map Report with GeoCheck, December 26, 2023, 222 N Pottstown Pike, Inquiry Number 7528113.2s
- The PADEP Activity and Use Limitations Registry, access online January 3, 2024, <https://gis.dep.pa.gov/pa-aul/AulMap.html>
- Pennsylvania's Environment Facility Application Compliance Tracking System (eFACTs), access online January 3, 2024, <https://www.ahs.dep.pa.gov/eFACTSWeb/default.aspx>
- PADEP Environmental Site Assessment Search Tool, accessed online January 3, 2024, <https://www.depgis.state.pa.us/esaSearch/>
- USGS National Geologic Map Viewer, accessed online January 3, 2024, <https://ngmdb.usgs.gov/mapview/?center=-97,39.6&zoom=4>
- Chester County Recorder of Deeds online database, accessed online January 3, 2024, <https://chesterpa.countygovernmentrecords.com/ChesterRecorder/eagleweb/docSearch.jsp>
- Web Soil Survey, accessed online January 3, 2024, [websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx](http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx)

Source  
Downtown, 2019, 7.5-minute  
Malvern, 2019, 7.5-minute



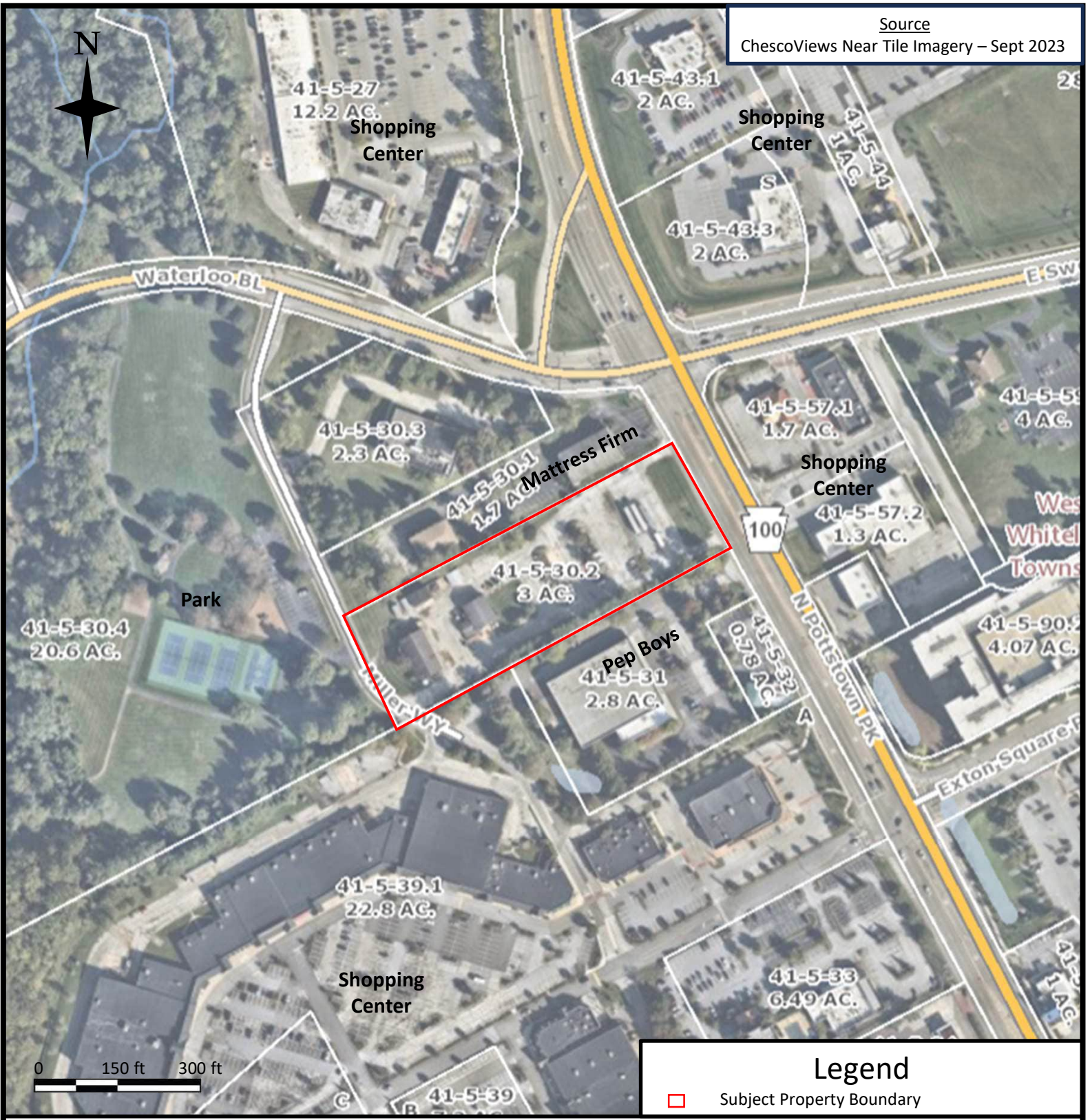
### Site Location



222 N Pottstown Pike  
Exton, PA 19341  
HXE Project No. 23-140-0

Figure  
1





**Legend**

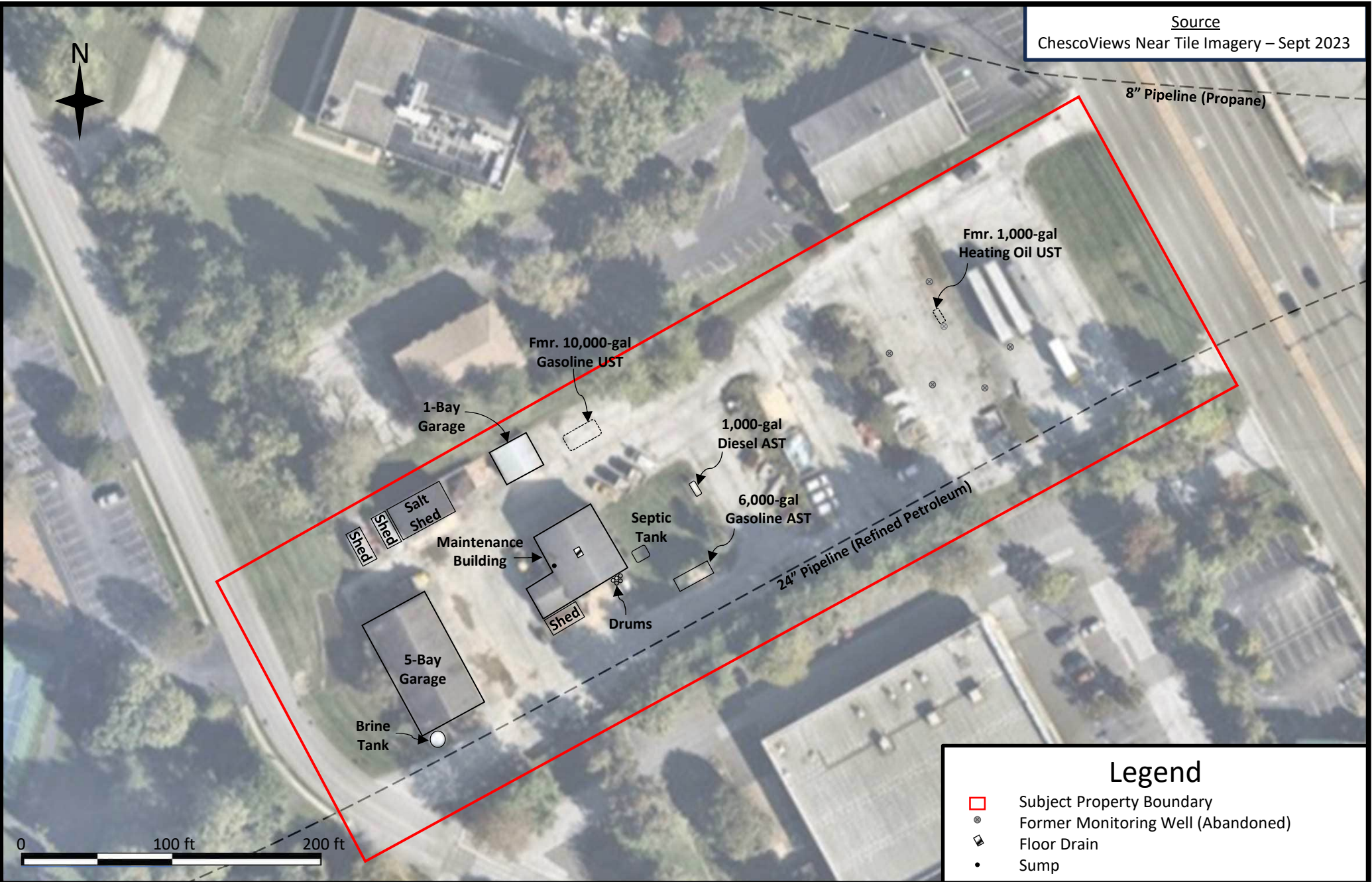
□ Subject Property Boundary

Parcel Map



222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-0

Figure  
 2



Aerial and Site Schematic  
222 N Pottstown Pike  
Exton, PA 19341  
HXE Project No. 23-140-0

Figure  
3



**Legend**

- Subject Property Boundary
- ⊗ Soil Boring
- Soil Boring and Temporary Well



Soil Borings and Temporary Wells  
222 N Pottstown Pike  
Exton, PA 19341  
HXE Project No. 23-140-1

Figure  
3







**Appendix A**  
**AAI User Questionnaire**



**AAI User Questionnaire**

*To qualify for the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields amendments), the user of the assessment must provide the following information (if available). Failure to provide this information could result in determination that "all appropriate inquiries" is not complete.*

**Subject Property:**      **222 N Pottstown Pike**  
                                 **Exton, PA 19341**  
                                 **HXE Project No. 23-140-0**

1. *Environmental liens that are filed or recorded against the Subject Property.*
  - 1.1 Did a search of land title records identify any environmental liens filed or recorded against the Subject Property under federal, tribal, state, or local law?  
NO KNOWLEDGE
  
2. *Activity and use limitations that are in place on the Subject Property or that have been filed or recorded against the Subject Property*
  - 2.1 Did a search of land title records identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded against the Subject Property under federal, tribal, state, or local law?  
NO KNOWLEDGE
  
3. *Specialized knowledge or experience of the person seeking to qualify for the LLP.*
  - 3.1 Do you have specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Subject Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?  
NO KNOWLEDGE
  
4. *Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated.*
  - 4.1 Does the purchase price being paid for this Subject Property reasonably reflect the fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Subject Property?  
NO KNOWLEDGE



5. Commonly known or reasonably ascertainable information about the Subject Property.

5.1 Do you know the past uses of the Subject Property?

TOWNSHIP MANTO GARAGE

5.2 Do you know of specific chemicals that are present or once were present at the Subject Property?

BASIC AUTOMOTIVE CHEMICALS WITH PROPER  
SDS SHEETS

5.3 Do you know of spills or other chemical releases that have taken place at the Subject Property?

YES AWARE OF SPILL THAT WAS RESOLVED  
WITH PADSP

5.4 Do you know of any environmental cleanups that have taken place at the Subject Property?

NO KNOWLEDGE

6. The degree of obviousness of the presence or likely presence of contamination at the Subject Property, and the ability to detect the contamination by appropriate investigation.

6.1 Based on your knowledge and experience related to the Subject Property, are there any obvious indicators that point to the presence or likely presence of releases at the Subject Property?

YES AWARE OF RELEASE THAT WAS RESOLVED  
WITH PADSP

Edward J. Culp Jr  
Printed Name

  
Signature

1/8/24  
Date





**Appendix B**  
**Historic Records Documents**



**222 N Pottstown Pike**

222 N Pottstown Pike

Exton, PA 19341

Inquiry Number: 7528113.8

December 26, 2023

# 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

12/26/23

**Site Name:**

222 N Pottstown Pike  
222 N Pottstown Pike  
Exton, PA 19341  
EDR Inquiry # 7528113.8

**Client Name:**

Huxta Environmental  
461 Merlin Road  
Phoenixville, PA 19460  
Contact: Stephen Huxta



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>
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1992	1"=500'	Flight Date: March 29, 1992	USGS
1981	1"=500'	Flight Date: May 08, 1981	USDA
1975	1"=500'	Flight Date: March 09, 1975	EDR Proprietary Aerial Viewpoint
1971	1"=500'	Flight Date: June 01, 1971	USDA
1968	1"=500'	Flight Date: April 17, 1968	USDI
1965	1"=500'	Flight Date: May 14, 1965	EDR Proprietary Aerial Viewpoint
1958	1"=500'	Flight Date: June 07, 1958	USDA
1946	1"=500'	Flight Date: October 31, 1946	USDA
1937	1"=500'	Flight Date: September 18, 1937	USDA

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INQUIRY #: 7528113.8

YEAR: 2019

— = 500'





INQUIRY #: 7528113.8

YEAR: 2015

— = 500'





INQUIRY #: 7528113.8

YEAR: 2010

— = 500'



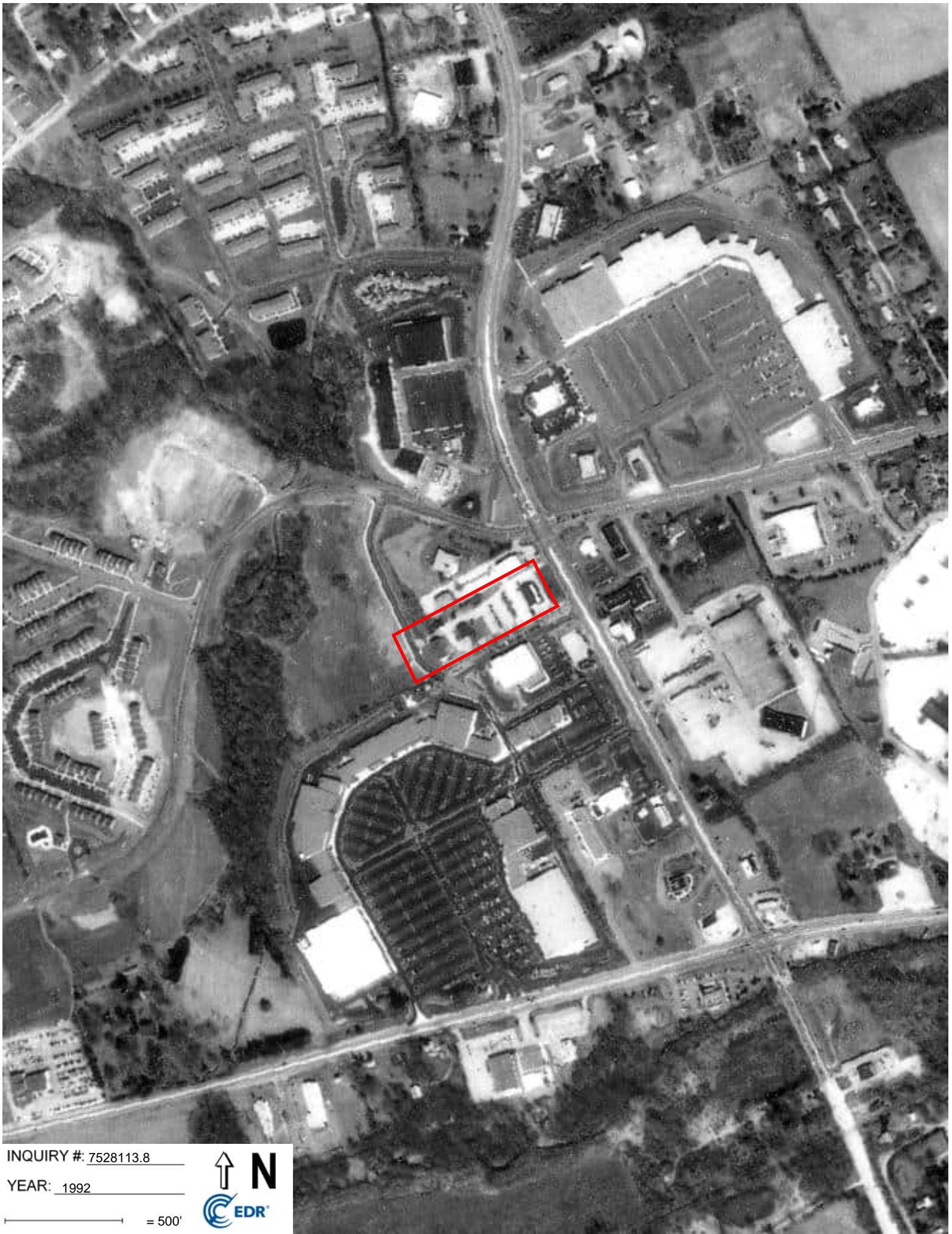


INQUIRY #: 7528113.8

YEAR: 2005

— = 500'





INQUIRY #: 7528113.8

YEAR: 1992

— = 500'





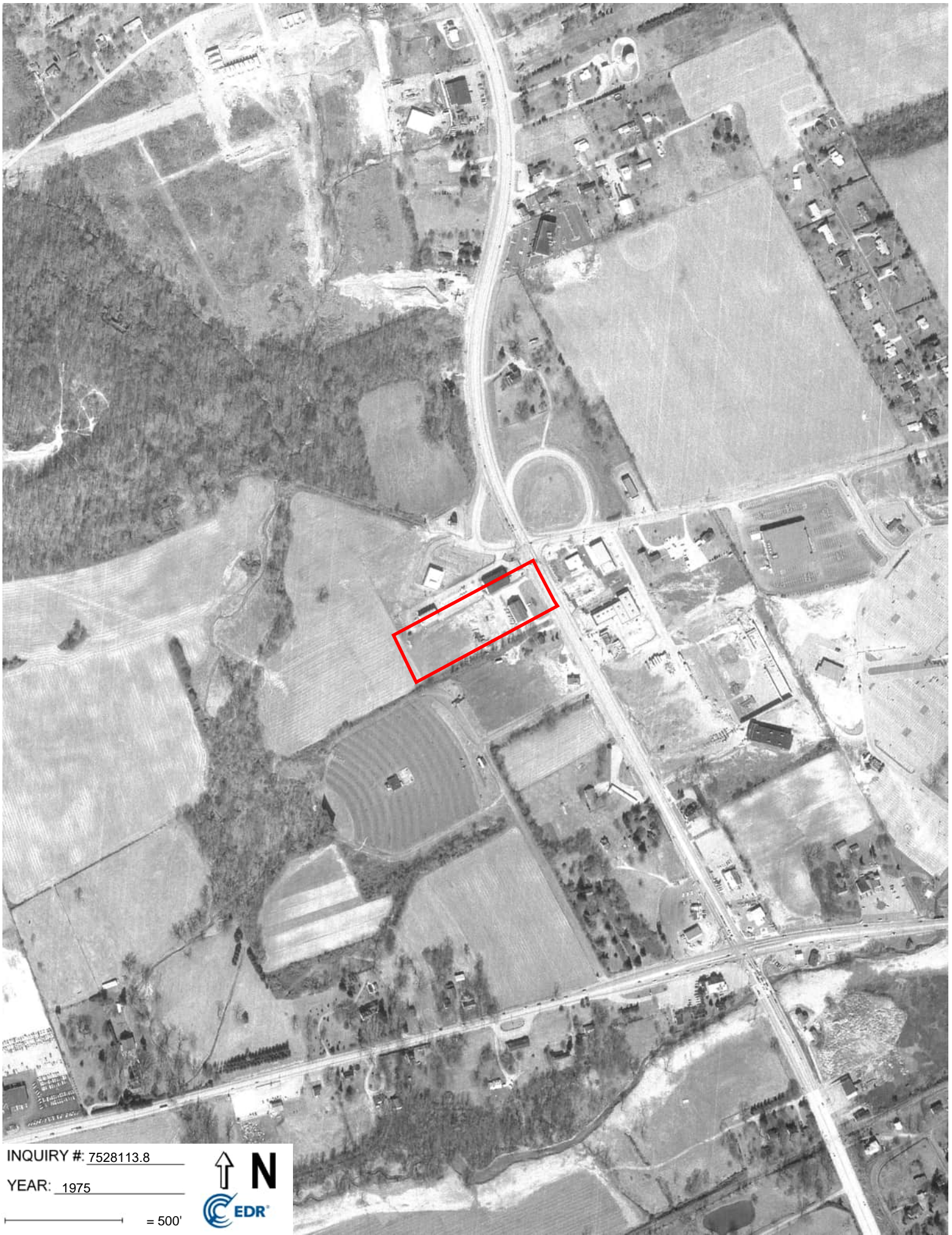


INQUIRY #: 7528113.8

YEAR: 1981

— = 500'





INQUIRY #: 7528113.8

YEAR: 1975

— = 500'





INQUIRY #: 7528113.8

YEAR: 1971

— = 500'





INQUIRY #: 7528113.8

YEAR: 1968

— = 500'





INQUIRY #: 7528113.8

YEAR: 1965

— = 500'



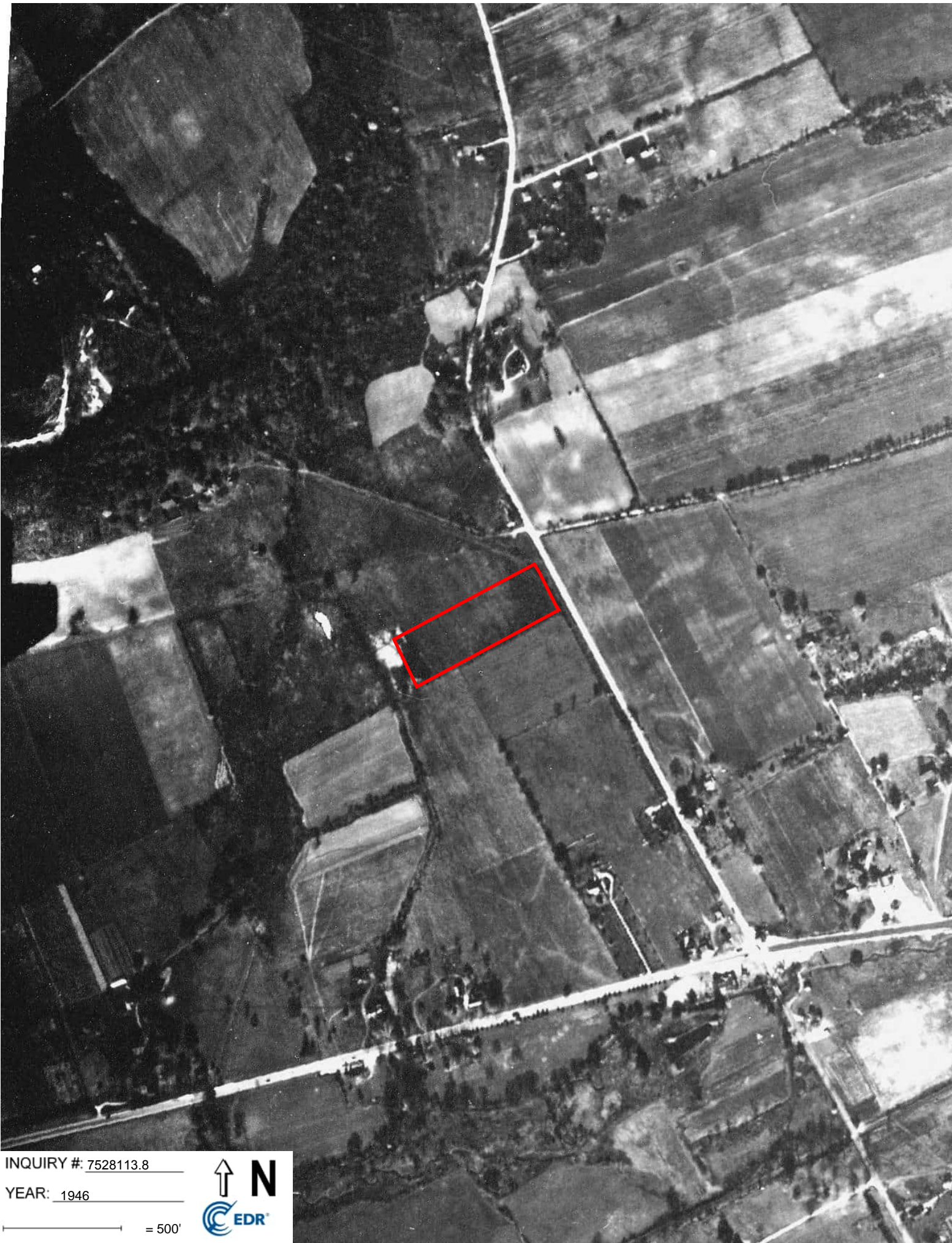


INQUIRY #: 7528113.8

YEAR: 1958

— = 500'





INQUIRY #: 7528113.8

YEAR: 1946

— = 500'





INQUIRY #: 7528113.8

YEAR: 1937

— = 500'





**222 N Pottstown Pike**

222 N Pottstown Pike

Exton, PA 19341

Inquiry Number: 7528113.5

December 28, 2023

# The EDR-City Directory Image Report

# TABLE OF CONTENTS

## SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

### RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

## FINDINGS

### TARGET PROPERTY STREET

222 N Pottstown Pike  
Exton, PA 19341

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### N POTTSTOWN PIKE

2020	pg A1	EDR Digital Archive
2017	pg A2	Cole Information
2014	pg A3	Cole Information
2010	pg A4	Cole Information
2005	pg A5	Cole Information
2000	pg A6	Cole Information
1995	pg A7	Cole Information
1992	pg A8	Cole Information
1987	pg A9	Cole Criss-Cross Directory
1982	pg A10	Cole Criss-Cross Directory
1976	pg A11	Cole Criss-Cross Directory
1972	pg A12	Cole Criss-Cross Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**N POTTSTOWN PIKE 2020**

175 JOHN BENDER  
215 EXTON EAST COAST  
SLEEP NUMBER  
216 ISSHO  
RUCHI AUTHENTIC INDIAN CUISINE  
RUCHI FOODS LIC  
SHOU YU  
219 VITAMIN SHOPPE  
220 DEFENSIVE DRIVING ACADEMY INC  
PEP BOYS  
224 MATTRESS FIRM  
225 MATTRESS WAREHOUSE  
228 JR INSTALLATION & SVC  
JVM ASSOCIATE  
PADUIGUYS INC  
SLEEPY'S  
229 ANYTIME FITNESS  
F B FITNESS  
237 ATM  
BRYN MAWR TRUST  
241 CHIPOTLE MEXICAN GRILL  
243 KIWI YOGURT  
247 VISIONWORKS BRENTWOOD SHOPPES  
301 CHOPHOUSE GRILLE

## N POTTSTOWN PIKE 2017

175	KMART PENSKE TRUCK RENTAL
215	EXTON EAST COAST
216	ADAMS LOCKSMITH RUCHI AUTHENTIC INDIAN CUISINE
219	RADIOSHACK THE VITAMIN SHOPPE TOPIARY FINE FLOWERS & GIFTS
220	PEP BOYS
228	BEENET INTERNET SERVICES JR INSTALLATION & SERVICES JVM ASSOCIATES SLEEPYS
229	ANYTIME FITNESS
231	EXTON TIRE COMPANY
237	BRYN MAWR TRUST CO
241	CHIPOTLE MEXICAN GRILL
243	KIWI YOGURT
247	VISIONWORKS
260	BIG LEAGUE HAIRCUTS DESAI INSURANCE DOLLAR RENT A CAR DOLLAR TREE EYE LEVEL FONTANA PIZZA & GRILL HAN DYNASTY INC INDIAN KITCHEN HOTBREADS LESLIES SWIMMING POOL SUPPLIES LIBERTY TAX SERVICE MCDONALDS PRODUCE JUNCTION INC OFFICES SOMETHING GRILLED THE LITTLE GYM OF EXTON ULTIMATE IMAGE SALON
270	CARPET MARTEXTON
301	AMERICAN LOCKSMITH CO TGI FRIDAYS
303	BOB EVANS RESTAURANTS
305	EXTON DENTAL MEDICINE ASSOCIATES JOSEPH S RAVA DM DMD KATHARINE N CIARROCCA DMD MSED MICHAEL FEENEY DDS RAVA, JOSEPH S WELCOME KIDZ



## N POTTSTOWN PIKE 2014

175	KMART PENSKE TRUCK RENTAL
215	EXTON EAST COAST
216	ADAMS LOCKSMITH RUCHI FOODS LLC
219	VITAMIN SHOPPES
220	OCCUPANT UNKNOWN, PEP BOYS
225	RADIOSHACK VZW AT RADIO SHACK 1807 EXTON
227	MAB PAINTS
228	JVM ASSOCIATES SLEEPYS
229	FB FITNESS LLC DBA ANYTIME FITNESS
231	EXTON TIRE COMPANY
234	EXTRA SPACE STORAGE STORAGE USA
237	BRYN MARW TRUST CO
241	CHIPOTLE MEXICAN GRILL
243	KIWI YOGURT
247	SUBSIDIUM TECHNOLOGIES VISIONWORKS
260	BIG LEAGUE HAIRCUTS DESAI INSURANCE DOLLAR EXPRESS EYE LEVEL EYE, LEVEL FONTANA PIZZA & GRILL HAN DYNASTY INC INDIAN KITCHEN HOTBREADS LESLIES SWIMMING POOL SUPPLIES LIBERTY TAX SERVICE LITTLE GYM OF EXTON THE PRODUCE JUNCTION INC OFFICES SOMETHING GRILLED SOMETHING, GRILLED ULTIMATE IMAGE SALON INC
270	CARPET MARTEXTON
272	TRISTATE ATM & ASSOCIATES LLC
301	AMERICAN LOCKSMITH CO TGI FRIDAYS
303	BOB EVANS RESTAURANTS
305	CIARROCCA KATHARINE N DMD MSED CIARROCCA, M EXTON DENTAL MEDICINE ASSOCIATES FEENEY MICHAEL DDS RAVA JOSEPH S DM

**N POTTSTOWN PIKE 2010**

175	KMART
215	EXTON EAST COAST
216	CHINA KING RESTAURANT
219	RADIO SHACK VITAMIN SHOPPE
220	PEP BOYS ROCKAWAY, B
222	POLICE RECORDS WEST WHITELAND PARKS & REC WEST WHITELAND TWP POLICE DEPT
227	MAB PAINTS
228	JVM ASSOCIATE MATTRESS GIANT PADUIGUYS INC
231	EXTON TIRE CO
234	EXTON DENTAL ASSOC WOODY, WILLIAM J
237	BRYN MAWR TRUST CO
260	BIG LEAGUE HAIRCUTS DEALS FONTANA PIZZA & GRILL HAN DYNASTY INC INDIAN CORNER INDIAN KITCHEN & HOT BREADS LESLIES SWIMMING POOL SUPPLY PRODUCE JUNCTION INC SUPER SUPPERS ULTIMATE IMAGE SALON INC
270	CARPET MART
272	TRI STATE ATM & ASSOC LLC
301	PIKELAND CONSTRUCTION ASSOC TGI FRIDAYS UPPER UWCHLAN TOWNSHIP HSTRC
303	BOB EVANS RESTAURANT
305	CIARROCCA, M EXTON DENTAL MEDICINE ASSOC

**N POTTSTOWN PIKE 2005**

175	KMART STORES PENSKE TRUCK PENSKE TRUCK LEASING CO READERS MARKET
219	RADIO SHACK VITAMIN SHOPPES
220	PEP BOYS AUTOMOTIVE SUPERCENTER PEP BOYS MANNY MOE JCK F DL ROCKAWAY BEDDING ROCKAWAY, B
222	IRWIN & LEIGHTON WEST WHITELAND POLICE DEPARTMENT WEST WHITELAND TOWNSHIP
224	MATTRESS GIANT MORTGAGE ACCESS CORP WEICHERT
227	EXTON TIRE CO INC MA BRUDER & SONS INC
228	ANDERSON TAYLOR ASSOCIATES LIEBERMAN, STANLEY J MATTRESS GIANT CORP
229	ECKERD DRUG STORE MAXAL INC
231	GOODYEAR TIRE CENTER
234	CHESTER COUNTY FAMILY MEDICINE EXTON DENTAL ASSOCIATES LTD WOODY WILLIAM J DMD WOODY, WILLIAM J
260	AMERICAS MATTRESS BIG LEAGUE HAIRCUTTERS DOLLAR TREE LA WEIGHT LOSS CENTERS INC LESLIES SWIMMING POOL SUPPLIES ULTIMATE IMAGE INC WONG WANG T
270	EXTON CARPET MART INC
272	COLCOM INC
299	BARNHART, JEFF
303	BOB EVANS FARMS BOB EVANS RESTAURANT
305	CIARROCCA KATHARINE N DMD MSED CIARROCCA, M EXTON DENTAL MEDICINE ASSOCS RAVA JOSEPH S DMD WEICHERT CO

**N POTTSTOWN PIKE 2000**

175	KMART STORES KMART STORES EXTON PENSKE AUTO CENTERS
215	CHUCKS TEXACO TEXACO GAPS STATION
216	CHINA KING RESTAURANT
219	RADIOSHACK A DIVISION OF TANDY CORPORATION
221	MARIOS PIZZA
222	WEST WHITELAND TOWNSHIP ADMINISTRATIVE OFFICE WEST WHITELAND TWP POLICE DEPARTMENT
223	REINOS BUDGET PRINT
224	&REWS & PINKSTN INCORPORATED REALTORS EXTON GALLERY ANDREWS & PINKSTONE INCORPORATED REALTORS MORTGAGE ACCESS CORPORATION WEICHERT REALTORS
228	BEE NET INTERNET SERVICES HOBBIB & KATHARDEKAR INTERNET EXPRESSIONS INCORPORATED LIEBERMAN, M READING SPECIALISTS THE
234	ANDERSON TAYLOR & ASSOCIATES BRANDYWINE OB GYN ASSOCIATES UNIVERSITY OF PENNSYLVANIA HEAL COLDREN, C LYONS CHRISTINE MD WOODY WILLIAM J DMD
237	MCCARDELL, RAYMOND J
260	BOOK MARKET THE INCORPORATED DOLLAR EXPRESS GCO CARPET OUTLETS OF CHESTER COUNTY L A WEIGHT LOSS CENTERS LESLIES SWIMMING POOL SUPPLIES PIECE GOODS SHOP WEGMAN MUSIC COMPANY INCORPORATED
270	DISCOVERY ZONE
272	MICHAELS ARTS & CRAFTS
299	BARNHART, JEFF
301	PIER 1 IMPORTS
303	BOB EVANS RESTAURANT
305	EXTON DENTAL MEDICINE ASSOCIATES HOOPES INCORPORATED BETTER HOMES & GARDENS PRUDENTIAL PREFERRED PROPERTIES EXTON

## N POTTSTOWN PIKE 1995

175	K MART KMART STORES
215	TEXACO GAS STATION TEXACO INC
219	RADIO SHACK
220	F M COMPUTER INC PEP BOYS
221	MARCOS ITALIAN PIZZA
223	SUPER HAIR
224	JOHN DONNELLY MORTGAGE ACCESS CORP WEICHERT REALTORS
225	HERITAGE BG&DVLPMT
228	FAST HEAT ELEMENT GENERAL BUS SERV GH STOKES ASSOC INWAY DEVELOPERS INC READING SPECIALISTS SALWEEN FINANCIAL SVC TNR TCH HME HLTH
231	EXTON TIRE CO
234	ALAN M COHEN OD ANDERSON TAYLOR PERSONNEL EXTON PEDIATRICS FAMILY INTERVENTION SVC JANICE DICKTER MD LYDIA J DAVIS OD MARTIN G BINDER & ASSOC ROBERT J HORNICEK DDS SHANTI KRISHNAN MD SPOTTS STEVENS & MC COY INC WILLIAM J WOODY DDS WOODY, WILLIAM J
260	BUDGET PRINTING CTR THE BOOK MARKET TUXEDOS&MORE ULTIMATE IMAGE INC WEGMAN MUSIC CO
270	LEAPS&BOUNDS
272	LEEWARDS
301	PIER 1 IMPORTS
303	BOB EVANS FARMS RESTAURANT
305	EARLY AMERICAN CANDLE SHOP PRUDENTIAL PREFERRED PROPERTY

**N POTTSTOWN PIKE 1992**

175	K MART DSCNT STORE K MART DSCNT STRS
215	TEXACO GAS STATION
216	HAIR EXPRESS
219	RADIO SHACK SILKY SMOOTH VICTORIA CLEANERS
221	4 STAR PIZZA
222	W WHTLND POLICE W WHTLND TWP
223	SUPER HAIR
224	A D WEICHERT&RLTRS SE MORTGAGE CORP
227	B G SCOTT RL EST HOOPES INC-BTR HMS
228	ANDERSON-TAYLOR FAST HEAT ELEMENT GENERAL BUS SERV HAIR-ISMA INWAY DEVELOPERS NATNL PERSONNEL READING SPECILISTS SALWEEN FNCL SVC
230	EXTON PEDIATRICS
234	DR ALAN M COHEN DR MARTIN G BINDER DR R J HORNICEK DR S KRISHNAN DR VIJAYA NAIDU DR WILLIAM WOODY FMLY INTERVENTION J R STEPHENS LYDIA J DAVIS SPOTTS&ASSOC STEPHENS, J R
260	BUDGET PRINT CTR EXTON CLEANERS GENUARDI PHARMACY GENUARDI SUPER MKT PIECE GOODS SHOP SUSANS STITCH&FRAM THE BOX OFFICE THE POSTAL PLUS ULTIMATE IMAGE INC

N POTTSTOWN PIKE 1987

● POTTSTOWN PKE N		19341
Exton PD		
100- 1699 CT3022.02 \$A..C26		
101		NP
104★	Roy Rogers Fmly Rs	83 524-1377
108		NP
109★	B&E Water Co	83 363-9112
	★ Brandywn Grn Water	83 363-9112
	★ Glen Bradford Watr	85 363-9112
	★ Locust Knoll Wtr	85 363-9112
	★ Malvern Fdl Svg&Ln	363-1700
	★ Spring Run Water	83 363-9112
	★ Sweeney Assocs	83 363-0915
	★ Western Abstract	83 363-0915
175★	K Mart Discount	76 363-1314
	★ K Mart Dscnt Strs	76 363-8214
	★ K Mart Dscnt Store	76 363-1440
	★ K Mart Portrt Stdo	76 524-1028
215★	Goodyear Tire Ctr	84 363-8800
216★	Hair Express	83 363-9958
219★	H&L Cleaners	75 363-6171
	★ Radio Shack	75 363-1450
	★ Silky Smooth	83 363-7056
222★	Home Assistange	82 363-7670
	★ Homemaker Service	363-7670
	★ Meals On Wheels	77 363-7670
	★ Meals Tgthr Sr Ctr	77 363-7670
	★ W Whtlnd Police	76 363-0200
	★ W Whtlnd Twp	84 363-9525
223★	Super Hair	77 363-1175
224★	Ad&P Realtors	83 363-0300
	★ Andrews&Assoc R Es	83 363-0300
	★ Andrews&Assocts	77 363-0300
225★	C C Travel Agency	82 363-2060
226★	Exton Secretary	363-7745
	★ JBM Enterprises	83 363-8707
	★ Space-Tech Indus	83 524-1044
227★	Hoopes Inc	77 363-1000
228★	Anderson-Taylor	73 363-1600
	★ FAST Heat Elemnt	84 363-2219
	★ Hair-Isma	84 363-2887
	★ Legal Guidnc Cntr	85 524-1550
	★ Natnl Personnel	79 363-1600
	★ Reading Specilists	83 363-7092
	★ Salween Fncl Svc	85 524-1880
	★ General Bus Serv	82 363-1050
	★ Simco Equipment	83 363-6360
	★ Standard Meat Co	83 363-2244
229★	Exton Pharmacy	84 363-6445
230★	Dr M Effat	85 363-8687
	★ Exton P.diatrics	83 363-8687
	★ Dr Vijaya Naidu	83 363-8687
234★	Dr Martin G Binder	74 363-2242
	★ Dr Alan M Cohen	74 363-6203
	★ EMD Assocs	83 363-6982
	★ Dr R J Hornicek	81 363-2530
	★ Mobile Diagnostic	83 363-5464
	★ Pre-Schl Consultnt	83 363-6953
	★ Vilter Mfg Corp	80 363-2364
245★	Fotomat Corp	79 363-0929
260★	Lease Line	85 363-2333
300★	Comptutor Ed Srv	83 363-5520
	★ Fare Finders Inc	83 524-9630
	★ Future Net Corp	83 524-9700
	★ Grp Purchasg Serv	85 524-1000
	★ Indstl Vy Ttl Ins	84 363-1454
	★ Parkman Assocs	83 524-0144
	★ Personnel Search	83 363-9020
	★ Prof Leasing Srvcs	83 524-9440
	★ Veritech Treatment	83 524-9282
	★ Williams&Broome	85 524-1050
A★	J Scott Vasko Ins	77 363-2057
A★	State Farm Ins Cos	75 363-2057
C★	Whitelnd W Travel	81 363-5830
C★	Whitelnd W Travel	81 296-9366
F★	Siegel H A Jr Aty	83 363-1205
G★	Pickett Assocs	85 524-0555
K★	Anchor Darling Viv	85 524-1194
K★	Assocs Behvrl Chng	85 363-1844
K★	Clasc Crtv Concepts	85 363-1270
K★	Dr J R Dimedio	83 363-1844
K★	Koppers Co	85 524-0230
N★	Direct Reward Prms	83 363-9440
N★	Direct Rspns Prcss	83 363-8804
P★	Goss&Topp Inc	83 524-9933
T★	Petron Trading	85 524-1700
V★	Resource Stratgie	84 363-5500

## N POTTSTOWN PIKE 1982

## POTTSTOWN PIKE N

	19341
104★Ginos . . . . .	296-7729
108 Daryl Douglas . . . . .	363-2455
R Douglas . . . . .	363-2455
★Inside Outlook Inc . . . . .	363-2737
109★Malvern Fdl Svg&Ln . . . . .	363-1700
175★K Mart Dscnt Strs . . . . .	363-8214
★K Mart Dscnt Store . . . . .	363-1440
★K Mart Discount . . . . .	363-1314
215 E W Penn . . . . .	363-0139
216★A Treachers Fish . . . . .	363-1382
★H&L Cleaners&Decrt . . . . .	363-6171
★Radio Shack . . . . .	363-1450
222★Home Care Assistnc . . . . .	363-7670
★Meals On Wheels . . . . .	363-7670
★Meals Tgthr Sr Ctr . . . . .	363-7670
★West Whiteland Twp . . . . .	363-9525
★Homemaker Service . . . . .	363-7670
223★Super Hair . . . . .	363-1175
224★Andrews&Pinkstone . . . . .	363-0300
★Gallery of Homes . . . . .	363-0300
★Perley-Halladay Ac . . . . .	363-9440
226★Ind Villy Title Ins . . . . .	363-1454
227★Chester Co Travel . . . . .	363-2060
★Hoopes Inc Btr HMS . . . . .	363-1000
228★Anderson-Tylr&Assc . . . . .	363-1600
★Exton Secretary . . . . .	363-7745
★Natnl Personnel . . . . .	363-1600
★E G Taylor Prsn Cn . . . . .	363-1600
230★Focus Inc Realtors . . . . .	363-8600
★Focus Realty . . . . .	644-5800
★Union Camp Corp . . . . .	363-5900
232★Bowker Ins Agency . . . . .	363-6700
234★Dr Martin G Binder . . . . .	363-2242
★Dr Alan M Cohen . . . . .	363-6203
★Eckrich Food Servc . . . . .	363-2203
★Encyclopda Britann . . . . .	363-8881
★Florida Svc Center . . . . .	363-6446
★Dr R J Hornicek . . . . .	363-2530
★Micro Computr Dsgn . . . . .	363-2354
★Vilter Mfg Corp . . . . .	363-2364
237★Hamilton Bank . . . . .	363-8020
246★Fotomat Corp . . . . .	363-0929
260★Chat N Chew Restnt . . . . .	363-8847
311★Picture This . . . . .	363-1357



## N POTTSTOWN PIKE 1976

POTTSTOWN PIKE N		EXTON
		19341
	TZ 302202	\$A..C32
	TZ 3044	\$A..C32
101	Nick Kozacheson Jr.....	<input type="checkbox"/> 363-1473
	George Phipps Jr.....	<input type="checkbox"/> 363-1473
108	Dominic Pilotti.....	0 363-7571
109	★ Malvern Fdl Svg&Ln .	363-1700
175	★ K-Mart Auto Serv.....	<input type="checkbox"/> 363-1440
	★ K Mart Dscnt Strs....	<input type="checkbox"/> 363-8214
	★ K-Mart Ladies Appl...	<input type="checkbox"/> 363-9994
	★ K-Mart Sports.....	<input type="checkbox"/> 363-1314
215	★ Exton Wm Penn Svc .	363-9748
216	★ A Treachers Fish.....	<input type="checkbox"/> 363-1382
	★ H&L Cleaners&Decrt .	363-8171
	★ Radio Shack.....	363-1450
220	.....	NP
222	★ North Ctrl Un Fund...	363-1876
	★ United Fund N Cntr ..	363-1876
	★ West Whiteland Twp .	363-9525
	★ City Police Deptmt...	<input type="checkbox"/> 363-0200
	★ Homemaker Service .	363-7670
224	★ Delaware Vy Aucn ..	363-1770
	★ Heritage Developmt..	363-1000
	★ Hoopes Realtors.....	363-1000
	★ John Lawrence.....	363-1000
226	★ Industrl Villy Ins.....	363-1454
227	★ Chester Co Travel ...	363-2080
228	★ Anderson-Tylr&Assc .	363-1600
	★ R P Hackman Atty ...	<input type="checkbox"/> 363-2707
	★ Project 3.....	363-8550
	★ Strange Worlds Mag .	363-8550
	★ R D Stuart Atty.....	363-2707
	★ E G Taylor Pran Cn ..	363-1600
	★ J C Vanbalen Archt ..	363-7785
	★ Yerkes Assocs Inc ...	363-1660
	A Natl Lf Ins Co.....	363-8210
	A Robt K Smith Ins.....	363-8210
230	★ Dwnngtwn Sav&Ln...	363-9810
232	★ Bowker Ins Agency ..	363-6700
234	★ Dr Martln G Blnder...	363-2242
	★ Dr Alan M. Cohen.....	363-6203
	★ Carl K Croft CPA.....	363-2838
	Robert Giriamo.....	4 363-6860
237	★ Natl Central Bank....	363-8020
311	★ Picture This.....	<input type="checkbox"/> 363-1357

N POTTSTOWN PIKE 1972

POTTSTOWN PIKE N		EXTCN
.....		.....
		19341
108	DOMINIC PILOTTI 0	3637571
109*	C E PUSEY RL EST	3637650
	*MALVERN FEDRL SAVG	NI49400
	*C E PUSEY INC	NI42788
215*	CJS ENTERPRISES	3639070
	*B P EXTON SVC STA	□3639717
216*	EXTON MOBIL SRVCE	□3639752
220	WILLIAM HALL III 7	3637697
222*	WEST WHITELAND TWP	3639525
	*HOMEMAKER SERVICE	3637670
226*	EXTON HRDWR STR	3639344
227*	MOTEL BRENTWOOD	3636597
	*BRENTWOOD MOTEL	3636597
	F WOLF 6	3636183
311*	B STEPHENS SUNDCO	3639764
312	WILLIAM SCHEIBE JR	□3637124
	GEORGE ASHBRIDGE 9	3636025

222 N Pottstown Pike

222 N Pottstown Pike

Exton, PA 19341

Inquiry Number: 7528113.3

December 26, 2023

## Certified Sanborn® Map Report



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

# Certified Sanborn® Map Report

12/26/23

**Site Name:**

222 N Pottstown Pike  
222 N Pottstown Pike  
Exton, PA 19341  
EDR Inquiry # 7528113.3

**Client Name:**

Huxta Environmental  
461 Merlin Road  
Phoenixville, PA 19460  
Contact: Stephen Huxta



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** D6CF-4A2F-9E64  
**PO #** 231400  
**Project** 222 N Pottstown Pike



Sanborn® Library search results

Certification #: D6CF-4A2F-9E64

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The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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222 N Pottstown Pike

222 N Pottstown Pike

Exton, PA 19341

Inquiry Number: 7528113.4

December 26, 2023

# 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

12/26/23

**Site Name:**

222 N Pottstown Pike  
222 N Pottstown Pike  
Exton, PA 19341  
EDR Inquiry # 7528113.4

**Client Name:**

Huxta Environmental  
461 Merlin Road  
Phoenixville, PA 19460  
Contact: Stephen Huxta



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Huxta Environmental 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>	231400	<b>Latitude:</b>	40.031866 40° 1' 55" North
<b>Project:</b>	222 N Pottstown Pike	<b>Longitude:</b>	-75.632389 -75° 37' 57" West
		<b>UTM Zone:</b>	Zone 18 North
		<b>UTM X Meters:</b>	446044.37
		<b>UTM Y Meters:</b>	4431485.57
		<b>Elevation:</b>	313.85' above sea level

**Maps Provided:**

2019	1943
2016	1906
2013	
1999	
1983	
1973	
1968	
1955, 1956	

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## Topo Sheet Key

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

### 2019 Source Sheets



Downingtown  
2019  
7.5-minute, 24000

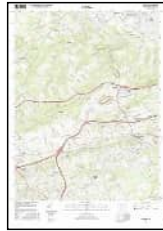


Malvern  
2019  
7.5-minute, 24000

### 2016 Source Sheets



Downingtown  
2016  
7.5-minute, 24000



Malvern  
2016  
7.5-minute, 24000

### 2013 Source Sheets



Downingtown  
2013  
7.5-minute, 24000



Malvern  
2013  
7.5-minute, 24000

### 1999 Source Sheets



Malvern  
1999  
7.5-minute, 24000  
Aerial Photo Revised 1999



Downingtown  
1999  
7.5-minute, 24000  
Aerial Photo Revised 1999

## Topo Sheet Key

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

### 1983 Source Sheets



Downingtown  
1983  
7.5-minute, 24000  
Aerial Photo Revised 1981



Malvern  
1983  
7.5-minute, 24000  
Aerial Photo Revised 1981

### 1973 Source Sheets

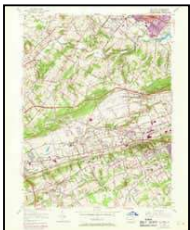


Malvern  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973



Downingtown  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

### 1968 Source Sheets



Malvern  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968



Downingtown  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

### 1955, 1956 Source Sheets



Malvern  
1955  
7.5-minute, 24000  
Aerial Photo Revised 1951



Downingtown  
1956  
7.5-minute, 24000  
Aerial Photo Revised 1951



## ***Topo Sheet Key***

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

### **1943 Source Sheets**

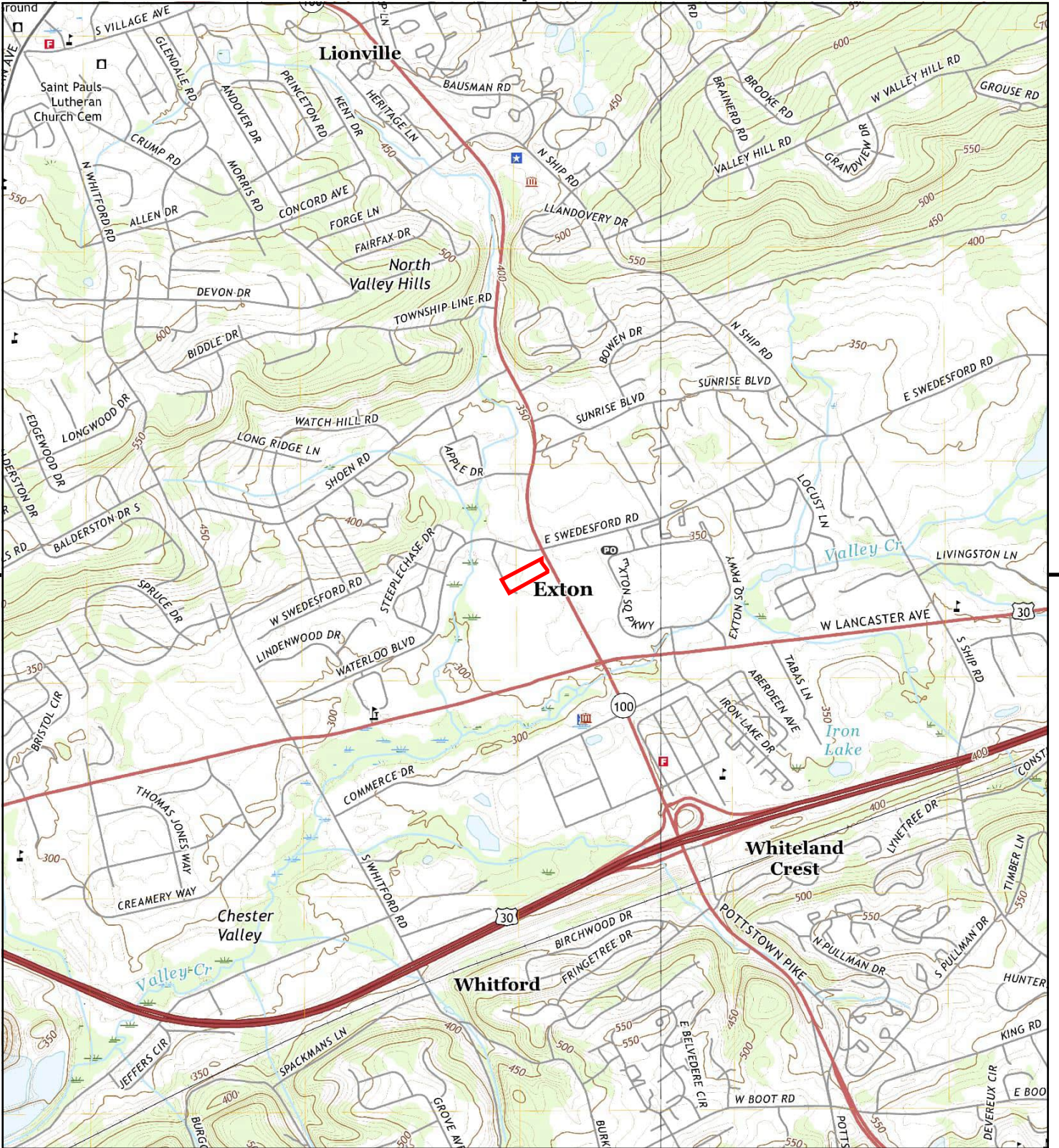


PHOENIXVILLE  
1943  
15-minute, 50000

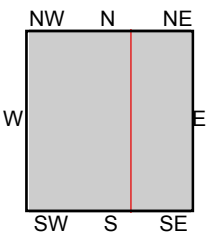
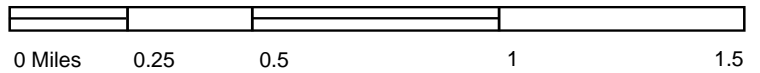
### **1906 Source Sheets**



Phoenixville  
1906  
15-minute, 62500



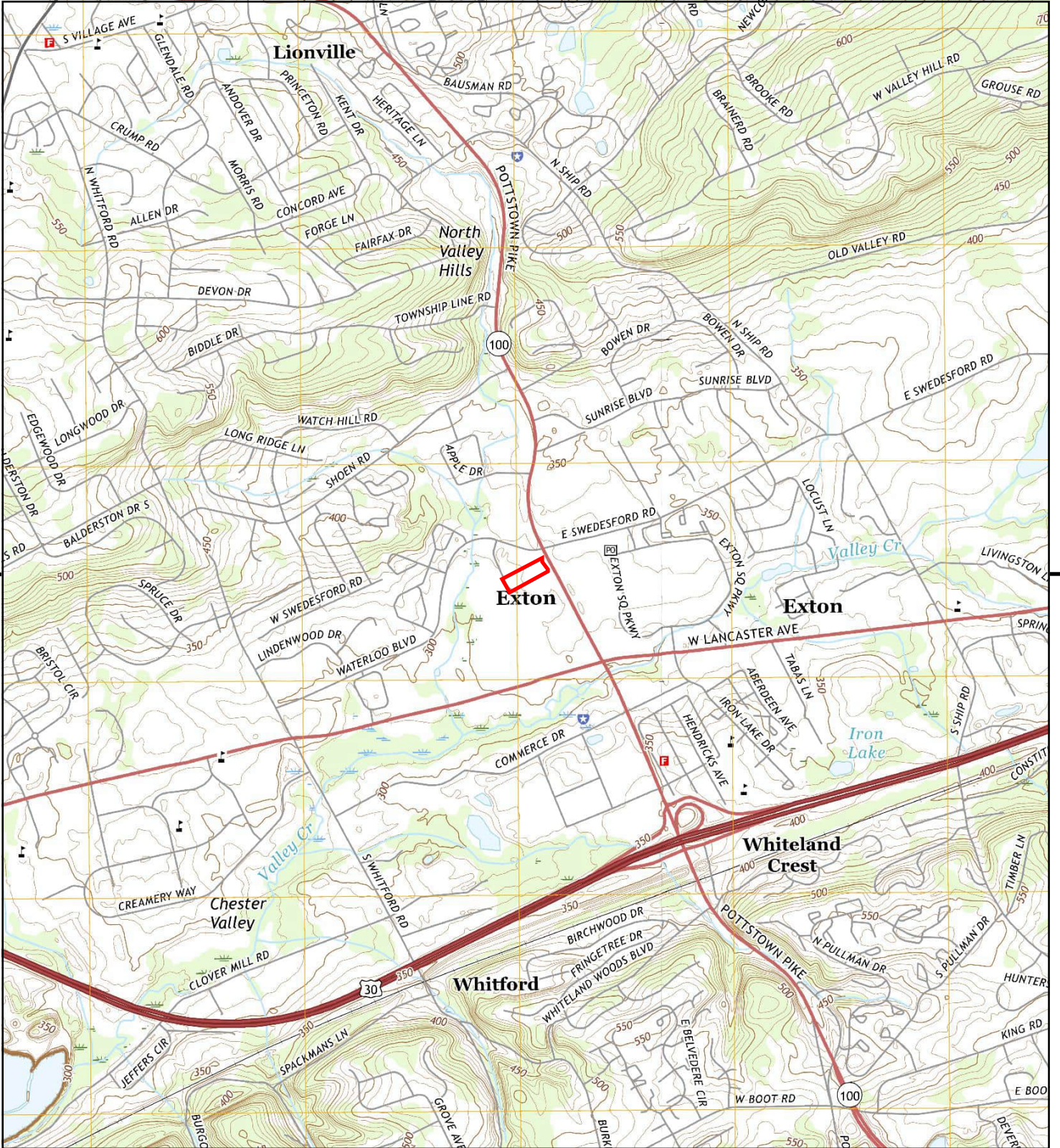
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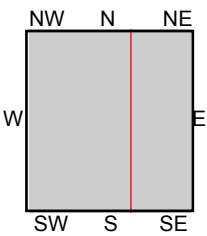
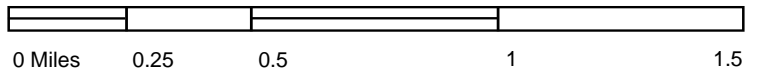
TP, Downingtown, 2019, 7.5-minute  
NE, Malvern, 2019, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





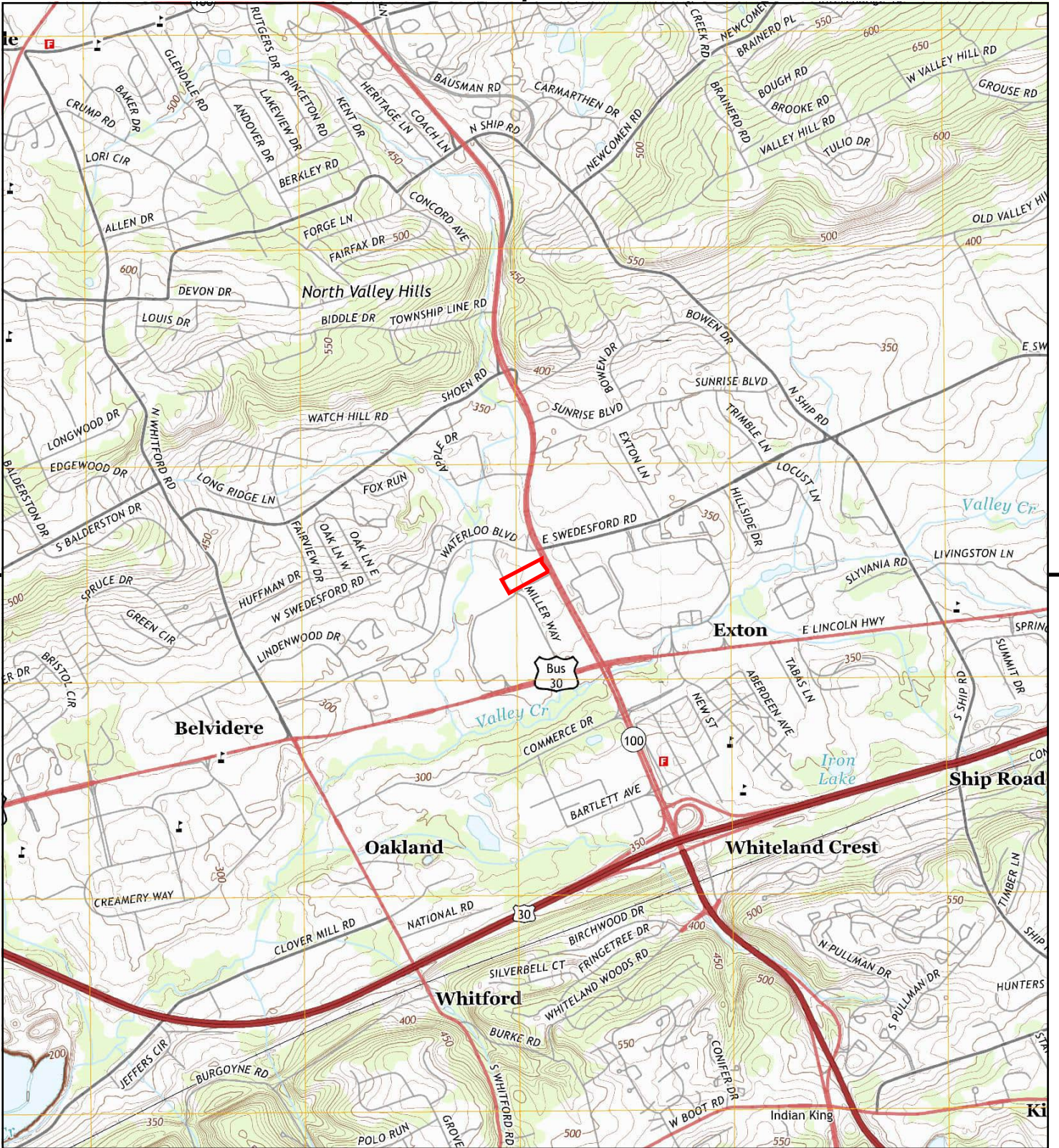
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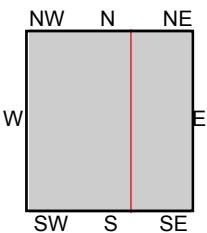
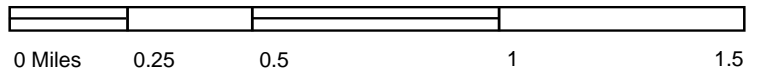
TP, Downingtown, 2016, 7.5-minute  
NE, Malvern, 2016, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





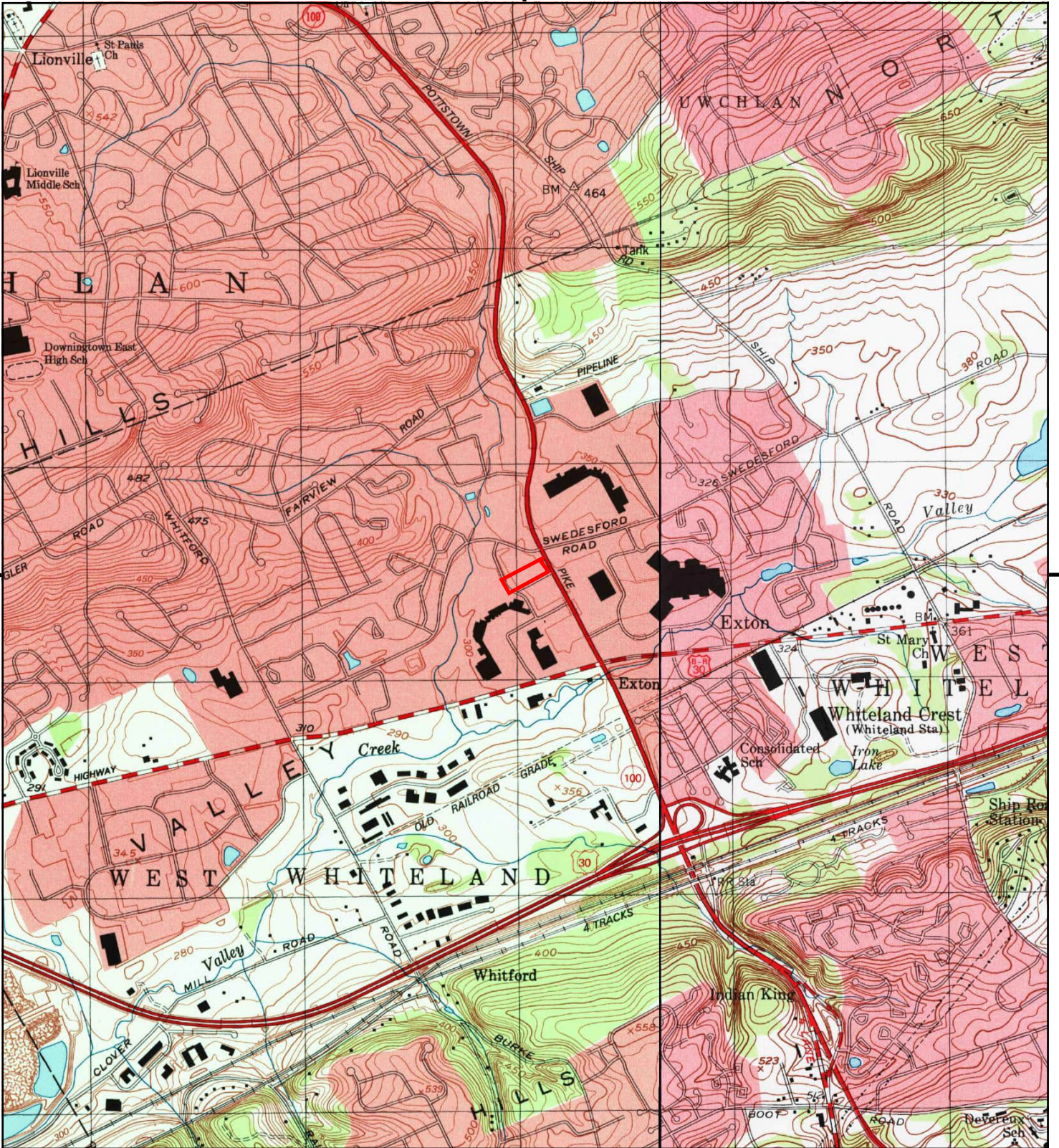
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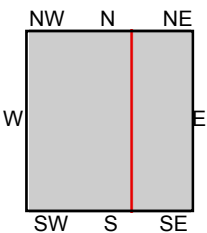
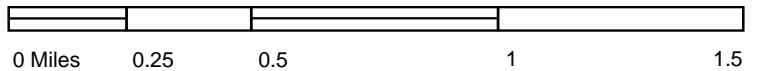
TP, Downingtown, 2013, 7.5-minute  
NE, Malvern, 2013, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





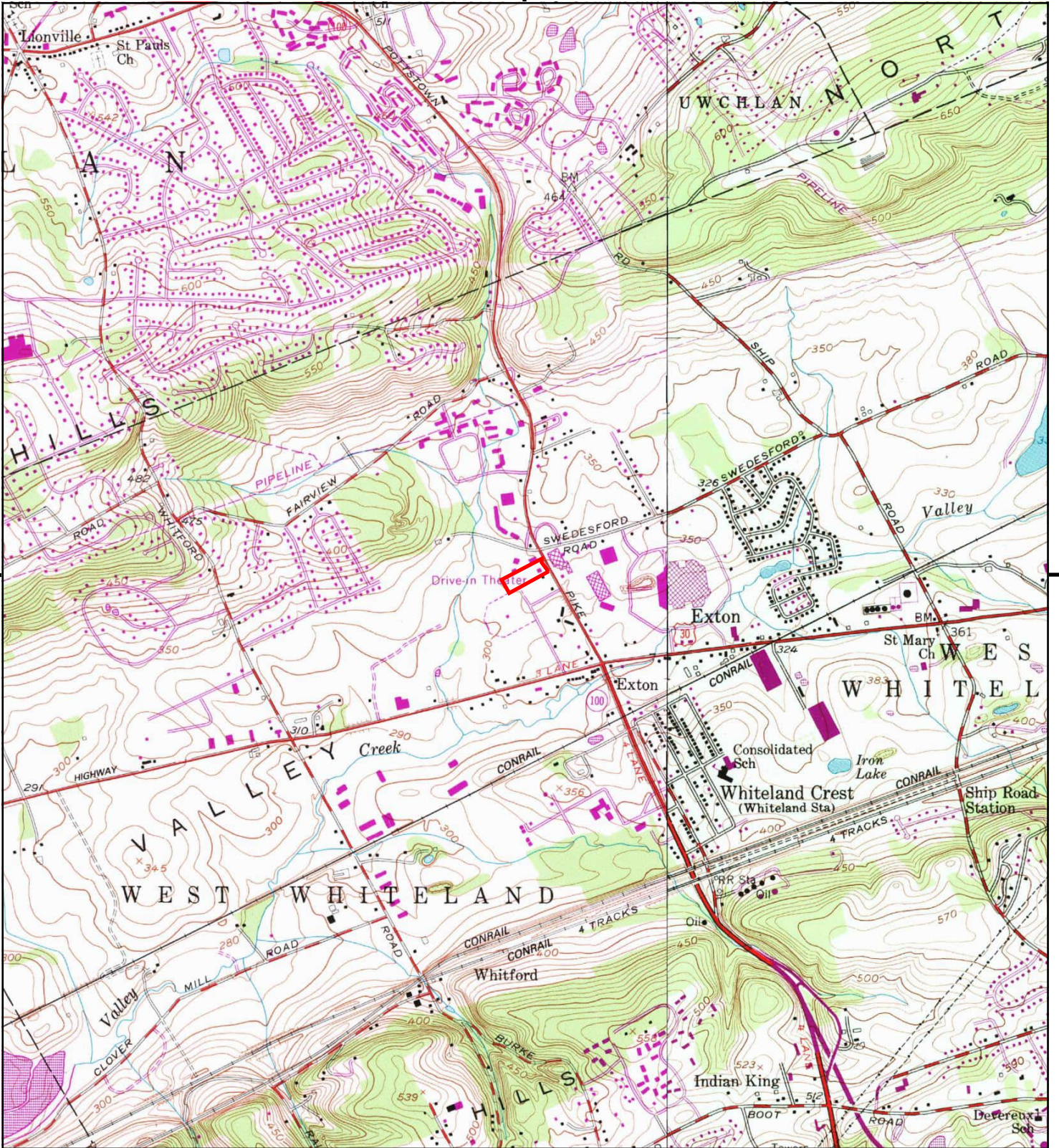
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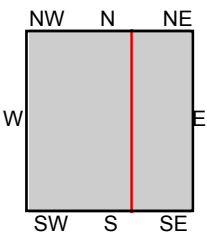
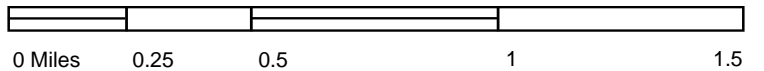
TP, Downingtown, 1999, 7.5-minute  
NE, Malvern, 1999, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





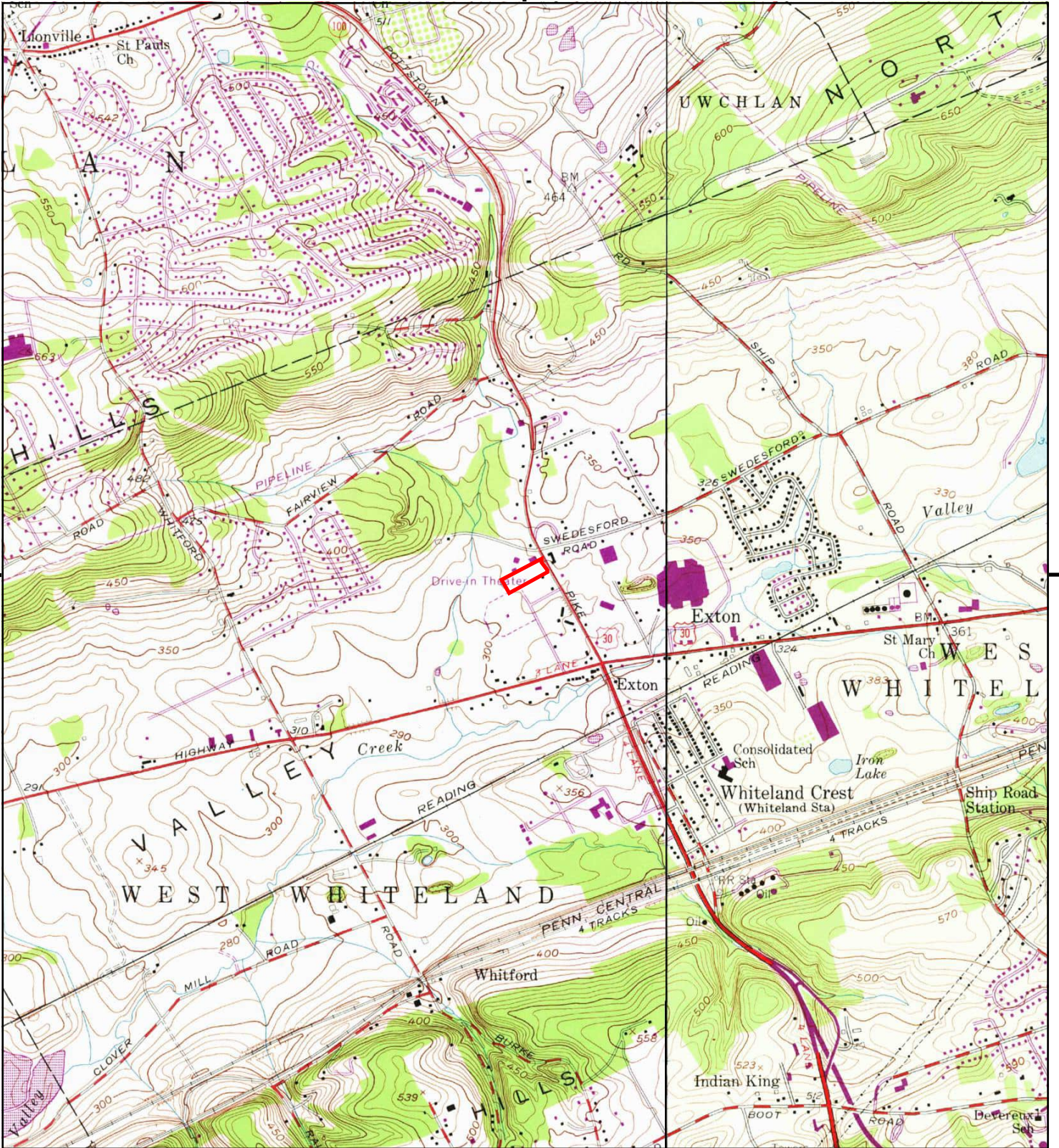
This report includes information from the following map sheet(s).



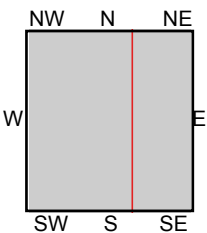
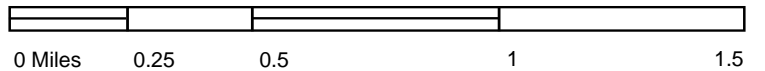
TP, Downtown, 1983, 7.5-minute  
NE, Malvern, 1983, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





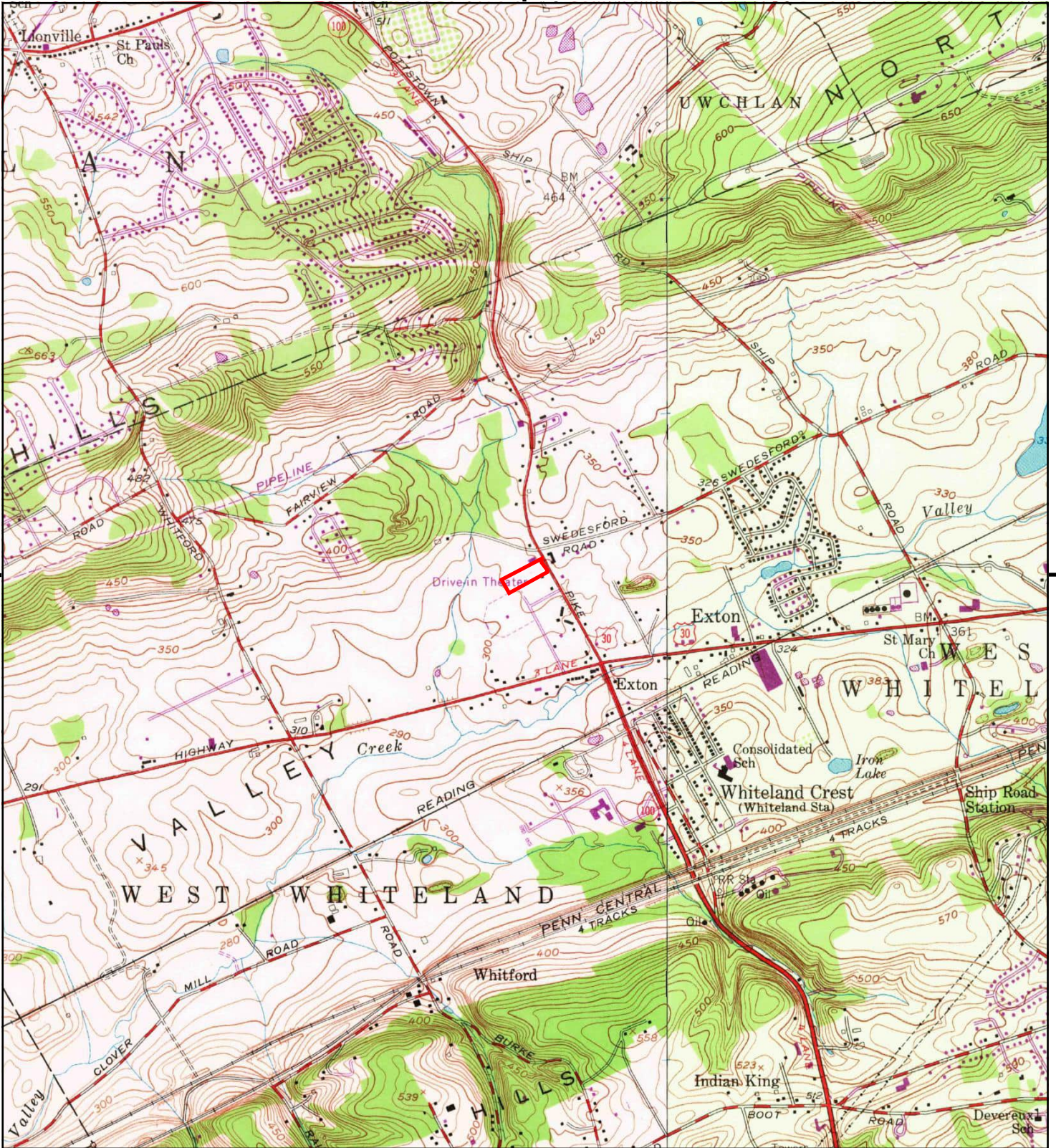
This report includes information from the following map sheet(s).



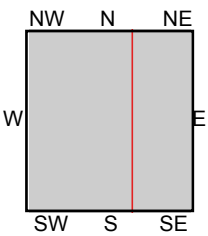
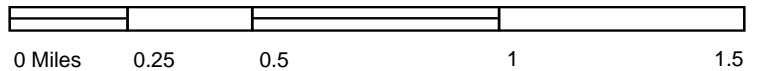
TP, Downingtown, 1973, 7.5-minute  
NE, Malvern, 1973, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





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

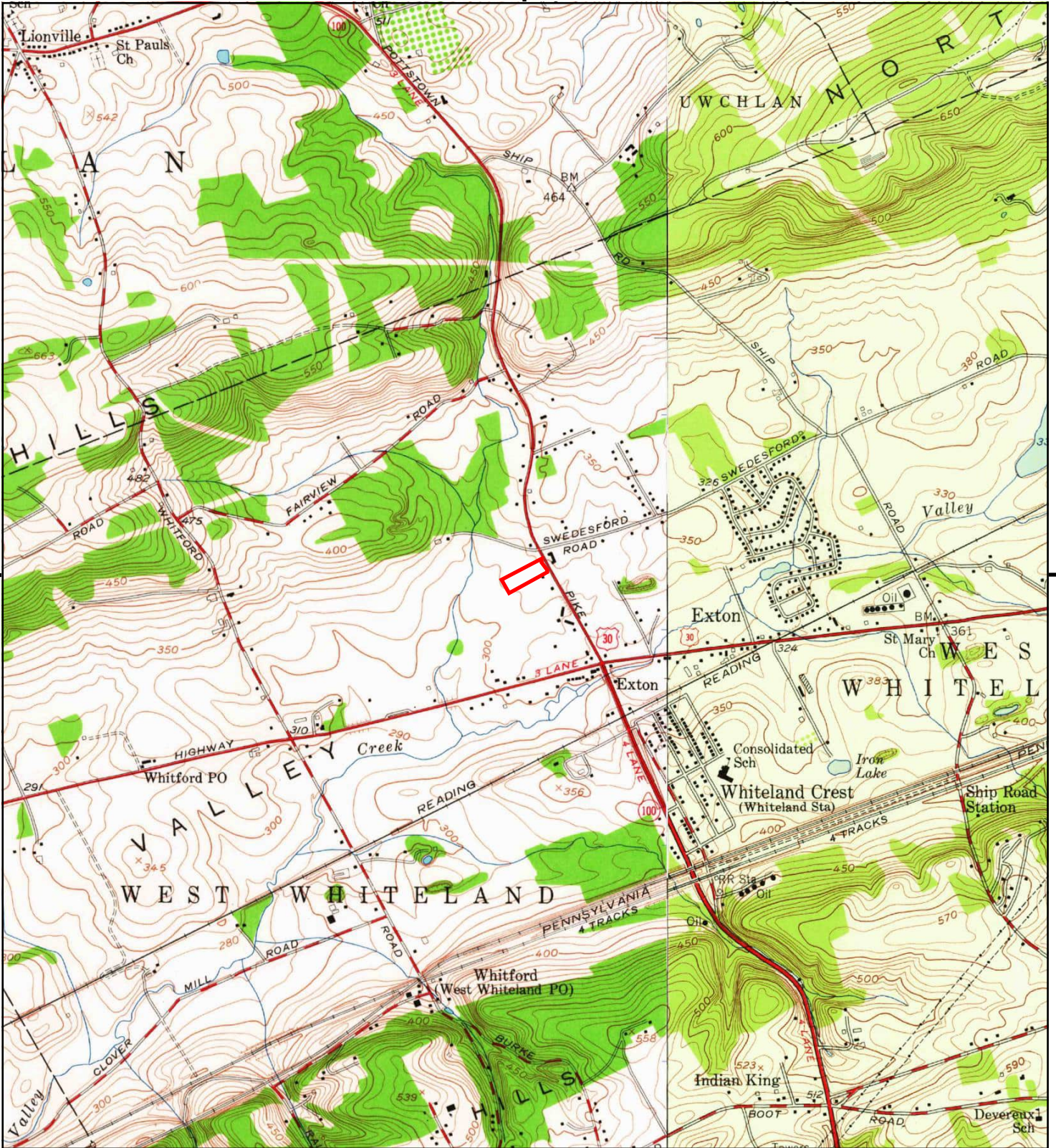


TP, Downingtown, 1968, 7.5-minute  
NE, Malvern, 1968, 7.5-minute

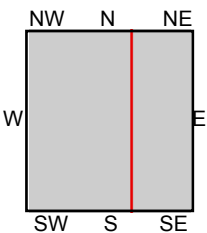
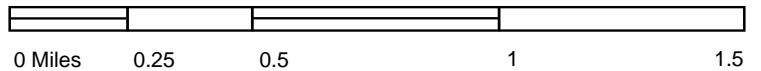
SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental







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



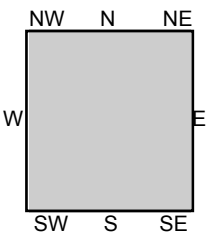
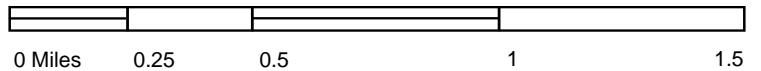
TP, Downingtown, 1956, 7.5-minute  
NE, Malvern, 1955, 7.5-minute

SITE NAME: 222 N Pottstown Pike  
ADDRESS: 222 N Pottstown Pike  
Exton, PA 19341  
CLIENT: Huxta Environmental





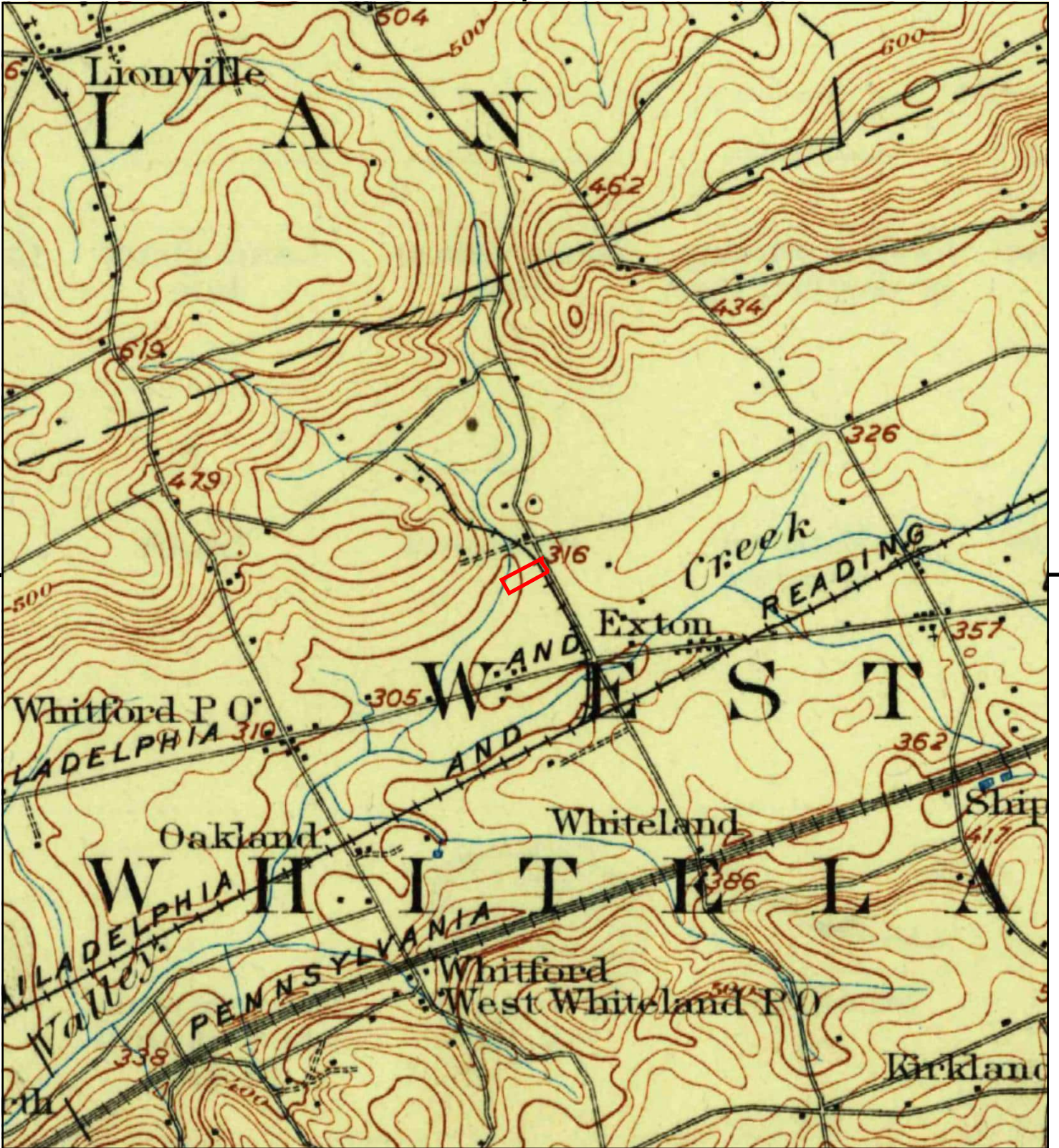
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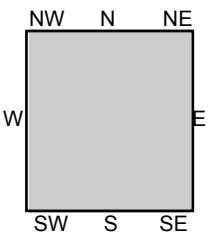
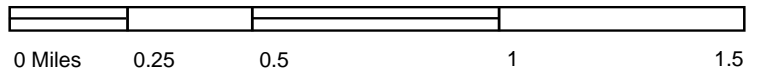
TP, PHOENIXVILLE, 1943, 15-minute

SITE NAME: 222 N Pottstown Pike  
 ADDRESS: 222 N Pottstown Pike  
 Exton, PA 19341  
 CLIENT: Huxta Environmental





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



TP, Phoenixville, 1906, 15-minute

SITE NAME: 222 N Pottstown Pike  
 ADDRESS: 222 N Pottstown Pike  
 Exton, PA 19341  
 CLIENT: Huxta Environmental





**Appendix C**  
**Environmental Database Search**

**222 N Pottstown Pike**

222 N Pottstown Pike

Exton, PA 19341

Inquiry Number: 7528113.2s

December 26, 2023

# 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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## TARGET PROPERTY INFORMATION

### ADDRESS

222 N POTTSTOWN PIKE  
EXTON, PA 19341

### COORDINATES

Latitude (North): 40.0318660 - 40° 1' 54.71"  
Longitude (West): 75.6323890 - 75° 37' 56.60"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 446043.0  
UTM Y (Meters): 4431275.5  
Elevation: 314 ft. above sea level

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 13944061 DOWNINGTOWN, PA  
Version Date: 2019  
  
Northeast Map: 13944093 MALVERN, PA  
Version Date: 2019

## AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20191005, 20191019  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
222 N POTTSTOWN PIKE  
EXTON, PA 19341

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	WEST WHITELAND TWP B	222 N POTTSTOWN PIKE	PA VCP		TP
<a href="#">A2</a>	WEST WHITELAND TWP C	222 N POTTSTOWN PIKE	PA ARCHIVE UST		TP
<a href="#">A3</a>	WEST WHITELAND TWP C	222 N POTTSTOWN PIKE	PA AST		TP
<a href="#">B4</a>	EXTON TIRE GOODYEAR	231 N POTTSTOWN PIKE	PA ARCHIVE UST	Higher	83, 0.016, East
<a href="#">B5</a>	EXTON TIRE GOODYEAR	231 N POTTSTOWN PIKE	PA LUST	Higher	83, 0.016, East
<a href="#">B6</a>	EXTON TIRE	227 N POTTSTOWN PK	RCRA NonGen / NLR, FINDS, ECHO	Higher	100, 0.019, East
<a href="#">B7</a>	H & L CLEANERS & DEC	225 N POTTSTOWN PIKE	EDR Hist Cleaner	Higher	112, 0.021, East
<a href="#">C8</a>	VERIZON EXTON PA	100 W SWEDES FORD AVE	PA LUST, PA AST, PA ARCHIVE AST	Higher	126, 0.024, NNE
<a href="#">C9</a>	VERIZON EXTON PA	100 W SWEDES FORD AVE	PA ARCHIVE UST	Higher	126, 0.024, NNE
<a href="#">A10</a>	PEP BOYS NO 158	220 N POTTSTOWN PK	RCRA-VSQQ, FINDS, ECHO, PA MANIFEST	Lower	141, 0.027, SE
<a href="#">C11</a>	EXTON TIRE CO	RT 100 & SWEDES FORD	RCRA-VSQQ, NY MANIFEST, PA MANIFEST	Higher	161, 0.030, NNE
<a href="#">B12</a>	HAIR EXPRESS	216 N POTTSTOWN PIKE	PA ARCHIVE UST	Lower	198, 0.038, ESE
<a href="#">B13</a>	HAIR EXPRESS	216 N POTTSTOWN PIKE	PA LUST	Lower	198, 0.038, ESE
<a href="#">B14</a>	TEXACO SERVICE STATI	215 N POTTERSTOWN PI	RCRA-SQG, FINDS, ECHO	Lower	212, 0.040, ESE
<a href="#">B15</a>	TEXACO 100317	215 N POTTSTOWN PIKE	PA LUST, PA ARCHIVE UST, PA ASBESTOS	Lower	232, 0.044, East
<a href="#">B16</a>	D ALESSIO RAYMOND	215 N POTTSTOWN PK	EDR Hist Auto	Lower	232, 0.044, East
<a href="#">B17</a>	TEXACO 100317	215 N POTTSTOWN PIKE	PA ARCHIVE UST	Lower	232, 0.044, East
<a href="#">18</a>	TOWN CTR CLNR	155 W LINCOLN HWY	PA VCP, PA ACT 2-DEED	Lower	279, 0.053, SSE
<a href="#">D19</a>	TOWNE CENTER CLNR/W	201 W LINCOLN HWY #	PA AIRS, PA DRYCLEANERS	Lower	488, 0.092, SSW
<a href="#">D20</a>	TOWNE CENTER CLEANER	201 W LINCOLN HWY 33	EDR Hist Cleaner	Lower	488, 0.092, SSW
<a href="#">D21</a>	TOWN CENTER CLEANERS	201 W LINCOLN HWY 33	RCRA NonGen / NLR	Lower	488, 0.092, SSW
<a href="#">E22</a>	DOLPHIN CLEANERS	133 E SWEDES FORD RD	EDR Hist Cleaner	Higher	621, 0.118, NE
<a href="#">F23</a>	KMART STORE 3232	175 N POTTSTOWN PIKE	PA LUST, PA MANIFEST	Lower	716, 0.136, ESE
<a href="#">F24</a>	K MART 3232	175 N POTTSTOWN PIKE	PA ARCHIVE UST	Lower	716, 0.136, ESE
<a href="#">F25</a>	KMART STORE 3232	175 N POTTSTOWN PIKE	RCRA-VSQQ, FINDS, ECHO	Lower	716, 0.136, ESE
<a href="#">F26</a>	PENSKE AUTO CTR	175 N POTTSTOWN SEC	RCRA-VSQQ, FINDS, ECHO, NY MANIFEST	Lower	716, 0.136, ESE
<a href="#">E27</a>	FAIRFIELD CLNRS	143 E SWEDES FORD RD	PA VCP, PA AIRS, PA DRYCLEANERS	Higher	720, 0.136, NE
<a href="#">E28</a>	SUPERIOR CLEANERS OF	143 E SWEDES FORD ROA	RCRA NonGen / NLR, US AIRS, FINDS, ECHO, PA...	Higher	720, 0.136, NE
<a href="#">29</a>	NEAL ORE BANK		MINES MRDS	Lower	1229, 0.233, South
<a href="#">G30</a>	CUMBERLAND FARMS 373	102 N POTTSTOWN PIKE	PA LUST	Lower	1248, 0.236, SE
<a href="#">G31</a>	AMERADA HESS CORP_#3	108 N POTTSTOWN PIKE	NJ MANIFEST	Lower	1248, 0.236, SE
<a href="#">G32</a>	HESS STA 38307	108 N POTTSTOWN PIKE	RCRA-VSQQ, FINDS, ECHO	Lower	1248, 0.236, SE
<a href="#">G33</a>	CUMBERLAND FARMS 373	102 N POTTSTOWN PIKE	PA ARCHIVE UST	Lower	1248, 0.236, SE
<a href="#">G34</a>	SPEEDWAY 6734	108 N POTTSTOWN PIKE	PA LUST, PA UST	Lower	1248, 0.236, SE
<a href="#">G35</a>	HESS STATION 38307	108 N POTTSTOWN PK	PA MANIFEST	Lower	1248, 0.236, SE
<a href="#">G36</a>	LUKOIL 69733	102 N POTTSTOWN PIKE	PA UST	Lower	1248, 0.236, SE
<a href="#">G37</a>	103 N POTTSTOWN PIKE	103 N POTTSTOWN PIKE	PA LUST	Lower	1410, 0.267, SE
<a href="#">38</a>	T&B PA ASSOCIATES	108 COEWAY LN	PA LUST	Higher	1769, 0.335, NNE
<a href="#">39</a>	BRINTINGHAM RES	311 EXTON LN	PA UNREG LTANKS	Higher	1865, 0.353, ENE



MAPPED SITES SUMMARY

Target Property Address:  
222 N POTTSTOWN PIKE  
EXTON, PA 19341

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">40</a>	FOOTE MINERAL - EXTO	RTE 100	SEMS-ARCHIVE, CORRACTS, RCRA-VSQQ, NY MANIFEST	Higher	3592, 0.680, SSE

# 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
WEST WHITELAND TWP B 222 N POTTSTOWN PIKE EXTON, PA 19341	PA VCP Activity ID: 758322	N/A
WEST WHITELAND TWP C 222 N POTTSTOWN PIKE EXTON, PA 19341	PA ARCHIVE UST Status: Removed Facility Id: 15-42864 Site ID: 716368	N/A
WEST WHITELAND TWP C 222 N POTTSTOWN PIKE EXTON, PA 19341	PA AST Site ID: 716368 Tank Status: C	N/A

## **DATABASES WITH NO MAPPED SITES**

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

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

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

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

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

### ***Lists of Federal RCRA TSD facilities***

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

## EXECUTIVE SUMMARY

### ***Lists of Federal RCRA generators***

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 CONTROLS..... Institutional Controls Sites List

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

ERNS..... Emergency Response Notification System

### ***Lists of state- and tribal (Superfund) equivalent sites***

PA SHWS..... Hazardous Sites Cleanup Act Site List

PA HSCA..... HSCA Remedial Sites Listing

### ***Lists of state and tribal landfills and solid waste disposal facilities***

PA SWF/LF..... Operating Facilities

### ***Lists of state and tribal leaking storage tanks***

PA LAST..... Storage Tank Release Sites

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

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing

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

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

PA ENG CONTROLS..... Engineering Controls Site Listing

PA AUL..... Environmental Covenants Listing

PA INST CONTROL..... Institutional Controls Site Listing

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***Lists of state and tribal brownfield sites***

PA BROWNFIELDS..... Brownfields Sites

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

PA HIST LF..... Abandoned Landfill Inventory

## EXECUTIVE SUMMARY

INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
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
PA SPILLS.....	State spills

### **Other Ascertainable Records**

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

## EXECUTIVE SUMMARY

PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
PA PFAS.....	Sites With Known PFAS Contamination
PA MINES.....	MINES
PA NPDES.....	NPDES Permit Listing
PA UIC.....	Underground Injection Wells

### EDR HIGH RISK HISTORICAL RECORDS

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

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

### EDR RECOVERED GOVERNMENT ARCHIVES

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

PA RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
PA RGA LF..... Recovered Government Archive Solid Waste Facilities List  
PA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows

## EXECUTIVE SUMMARY

which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/04/2023 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FOOTE MINERAL - EXTO</b> EPA ID:: PAD002329456	<b>RTE 100</b>	<b>SSE 1/2 - 1 (0.680 mi.)</b>	<b>40</b>	<b>134</b>

### ***Lists of Federal RCRA generators***

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 12/04/2023 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TEXACO SERVICE STATI</b> EPA ID:: PAD987280757	<b>215 N POTTERSTOWN PI</b>	<b>ESE 0 - 1/8 (0.040 mi.)</b>	<b>B14</b>	<b>45</b>

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

A review of the RCRA-VSQG list, as provided by EDR, and dated 12/04/2023 has revealed that there are 5 RCRA-VSQG 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>EXTON TIRE CO</b> EPA ID:: PAD987360245	<b>RT 100 &amp; SWEDES FORD</b>	<b>NNE 0 - 1/8 (0.030 mi.)</b>	<b>C11</b>	<b>24</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PEP BOYS NO 158</b> EPA ID:: PAD987358520	<b>220 N POTTSTOWN PK</b>	<b>SE 0 - 1/8 (0.027 mi.)</b>	<b>A10</b>	<b>19</b>
<b>KMART STORE 3232</b> EPA ID:: PAD987357993	<b>175 N POTTSTOWN PIKE</b>	<b>ESE 1/8 - 1/4 (0.136 mi.)</b>	<b>F25</b>	<b>77</b>
<b>PENSKE AUTO CTR</b> EPA ID:: PAR000014753	<b>175 N POTTSTOWN SEC</b>	<b>ESE 1/8 - 1/4 (0.136 mi.)</b>	<b>F26</b>	<b>82</b>
<b>HESS STA 38307</b> EPA ID:: PAR000032615	<b>108 N POTTSTOWN PIKE</b>	<b>SE 1/8 - 1/4 (0.236 mi.)</b>	<b>G32</b>	<b>118</b>

## EXECUTIVE SUMMARY

### ***Lists of state and tribal leaking storage tanks***

PA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection List of Confirmed Releases.

A review of the PA LUST list, as provided by EDR, and dated 09/05/2023 has revealed that there are 9 PA 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>
EXTON TIRE GOODYEAR Facility Id: 587244	231 N POTTSTOWN PIKE	E 0 - 1/8 (0.016 mi.)	B5	11
<b>VERIZON EXTON PA</b> Facility Id: 585973	<b>100 W SWEDES FORD AVE</b>	<b>NNE 0 - 1/8 (0.024 mi.)</b>	<b>C8</b>	<b>15</b>
T&B PA ASSOCIATES Facility Id: 586904	108 COEWAY LN	NNE 1/4 - 1/2 (0.335 mi.)	38	132
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAIR EXPRESS Facility Id: 586297	216 N POTTSTOWN PIKE	ESE 0 - 1/8 (0.038 mi.)	B13	44
<b>TEXACO 100317</b> Facility Id: 586042 Facility Id: 699076	<b>215 N POTTSTOWN PIKE</b>	<b>E 0 - 1/8 (0.044 mi.)</b>	<b>B15</b>	<b>51</b>
<b>KMART STORE 3232</b> Facility Id: 585932	<b>175 N POTTSTOWN PIKE</b>	<b>ESE 1/8 - 1/4 (0.136 mi.)</b>	<b>F23</b>	<b>71</b>
CUMBERLAND FARMS 373 Facility Id: 585844	102 N POTTSTOWN PIKE	SE 1/8 - 1/4 (0.236 mi.)	G30	110
<b>SPEEDWAY 6734</b> Facility Id: 586066	<b>108 N POTTSTOWN PIKE</b>	<b>SE 1/8 - 1/4 (0.236 mi.)</b>	<b>G34</b>	<b>124</b>
103 N POTTSTOWN PIKE Facility Id: 585800	103 N POTTSTOWN PIKE	SE 1/4 - 1/2 (0.267 mi.)	G37	131

PA UNREG LTANKS: Leaking storage tank cases from unregulated storage tanks.

A review of the PA UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there is 1 PA UNREG LTANKS site 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>
BRINTINGHAM RES	311 EXTON LN	ENE 1/4 - 1/2 (0.353 mi.)	39	134

### ***Lists of state and tribal registered storage tanks***

PA 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 Resources' Regulated Underground Storage Tank Listing.

A review of the PA UST list, as provided by EDR, and dated 09/01/2023 has revealed that there are 2

## EXECUTIVE SUMMARY

PA UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SPEEDWAY 6734</b> Site ID: 505452 Tank Status: Currently In Use	<b>108 N POTTSTOWN PIKE</b>	<b>SE 1/8 - 1/4 (0.236 mi.)</b>	<b>G34</b>	<b>124</b>
<b>LUKOIL 69733</b> Site ID: 569537 Tank Status: Currently In Use	<b>102 N POTTSTOWN PIKE</b>	<b>SE 1/8 - 1/4 (0.236 mi.)</b>	<b>G36</b>	<b>130</b>

PA AST: The Aboveground Storage Tank database contains registered ASTs from the Department of Environmental Protection's Listing of Pennsylvania Regulated Aboveground Storage Tanks.

A review of the PA AST list, as provided by EDR, and dated 09/01/2023 has revealed that there is 1 PA AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VERIZON EXTON PA</b> Site ID: 569241 Tank Status: C	<b>100 W SWEDES FORD AVE</b>	<b>NNE 0 - 1/8 (0.024 mi.)</b>	<b>C8</b>	<b>15</b>

### ***Lists of state and tribal voluntary cleanup sites***

PA VCP: The VCP listings included Completed Sites, Sites in Progress and Act 2 Non-Use Aquifer Determinations Sites. Formerly known as the Act 2, the Land Recycling Program encourages the voluntary cleanup and reuse of contaminated commercial and industrial sites.

A review of the PA VCP list, as provided by EDR, and dated 06/30/2023 has revealed that there are 2 PA VCP 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>FAIRFIELD CLNRS</b> Activity ID: 837719	<b>143 E SWEDES FORD RD</b>	<b>NE 1/8 - 1/4 (0.136 mi.)</b>	<b>E27</b>	<b>94</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TOWN CTR CLNR</b> Activity ID: 617495	<b>155 W LINCOLN HWY</b>	<b>SSE 0 - 1/8 (0.053 mi.)</b>	<b>18</b>	<b>62</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Registered Storage Tanks***

PA ARCHIVE UST: The list includes tanks storing highly hazardous substances that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

A review of the PA ARCHIVE UST list, as provided by EDR, and dated 09/01/2023 has revealed that there



## EXECUTIVE SUMMARY

are 7 PA ARCHIVE 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>
EXTON TIRE GOODYEAR Status: Closed Facility Id: 15-46531 Site ID: 570194	231 N POTTSTOWN PIKE	E 0 - 1/8 (0.016 mi.)	B4	10
VERIZON EXTON PA Status: Closed Facility Id: 15-17727 Site ID: 569241	100 W SWEDESFORD AVE	NNE 0 - 1/8 (0.024 mi.)	C9	18

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAIR EXPRESS Status: Closed Facility Id: 15-35235 Site ID: 569463	216 N POTTSTOWN PIKE	ESE 0 - 1/8 (0.038 mi.)	B12	42
<b>TEXACO 100317</b> Status: Removed Facility Id: 15-39666 Site ID: 696617	<b>215 N POTTSTOWN PIKE</b>	<b>E 0 - 1/8 (0.044 mi.)</b>	<b>B15</b>	<b>51</b>
TEXACO 100317 Status: Removed Facility Id: 15-21095 Site ID: 696617	215 N POTTSTOWN PIKE	E 0 - 1/8 (0.044 mi.)	B17	60
K MART 3232 Status: Closed Facility Id: 15-15287 Site ID: 446244	175 N POTTSTOWN PIKE	ESE 1/8 - 1/4 (0.136 mi.)	F24	76
CUMBERLAND FARMS 373 Status: Closed Facility Id: 15-09145 Site ID: 569537	102 N POTTSTOWN PIKE	SE 1/8 - 1/4 (0.236 mi.)	G33	122

### **Local Land Records**

PA ACT 2-DEED: This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

A review of the PA ACT 2-DEED list, as provided by EDR, and dated 04/23/2010 has revealed that there is 1 PA ACT 2-DEED site within approximately 0.5 miles of the target property.

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWN CTR CLNR	155 W LINCOLN HWY	SSE 0 - 1/8 (0.053 mi.)	18	62

### 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 12/04/2023 has revealed that there are 3 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>
<b>EXTON TIRE</b> EPA ID:: PAD987356474	227 N POTTSTOWN PK	E 0 - 1/8 (0.019 mi.)	B6	11
<b>SUPERIOR CLEANERS OF</b> EPA ID:: PAD987328085	143 E SWEDESFORD ROA	NE 1/8 - 1/4 (0.136 mi.)	E28	97

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWN CENTER CLEANERS EPA ID:: PAD987285152	201 W LINCOLN HWY 33	SSW 0 - 1/8 (0.092 mi.)	D21	64

### MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 08/23/2022 has revealed that there is 1 MINES MRDS 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>
NEAL ORE BANK		S 1/8 - 1/4 (0.233 mi.)	29	109

### PA DRYCLEANERS: A listing of drycleaning facilities.

A review of the PA DRYCLEANERS list, as provided by EDR, and dated 09/11/2023 has revealed that there are 2 PA DRYCLEANERS 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>FAIRFIELD CLNRS</b> PF ID: 639339	143 E SWEDESFORD RD	NE 1/8 - 1/4 (0.136 mi.)	E27	94

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TOWNE CENTER CLNR/W</b> PF ID: 638765	201 W LINCOLN HWY #	SSW 0 - 1/8 (0.092 mi.)	D19	63

## EXECUTIVE SUMMARY

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 5 PA MANIFEST 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>EXTON TIRE CO</b> Generator EPA Id: PAD987360245	<b>RT 100 &amp; SWEDES FORD</b>	<b>NNE 0 - 1/8 (0.030 mi.)</b>	<b>C11</b>	<b>24</b>
<b>SUPERIOR CLEANERS OF</b> Generator EPA Id: PAD987328085	<b>143 E SWEDES FORD ROA</b>	<b>NE 1/8 - 1/4 (0.136 mi.)</b>	<b>E28</b>	<b>97</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PEP BOYS NO 158</b> Generator EPA Id: PAD987358520	<b>220 N POTTSTOWN PK</b>	<b>SE 0 - 1/8 (0.027 mi.)</b>	<b>A10</b>	<b>19</b>
<b>KMART STORE 3232</b> Generator EPA Id: PAD987357993	<b>175 N POTTSTOWN PIKE</b>	<b>ESE 1/8 - 1/4 (0.136 mi.)</b>	<b>F23</b>	<b>71</b>
<b>HESS STATION 38307</b> Generator EPA Id: PAR000032615	<b>108 N POTTSTOWN PK</b>	<b>SE 1/8 - 1/4 (0.236 mi.)</b>	<b>G35</b>	<b>130</b>

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there is 1 NJ 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>
<b>AMERADA HESS CORP_#3</b> EPA Id: PAR000032615	<b>108 N POTTSTOWN PIKE</b>	<b>SE 1/8 - 1/4 (0.236 mi.)</b>	<b>G31</b>	<b>117</b>

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 12/31/2019 has revealed that there are 2 NY MANIFEST 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>EXTON TIRE CO</b> EPA ID: PAD987360245	<b>RT 100 &amp; SWEDES FORD</b>	<b>NNE 0 - 1/8 (0.030 mi.)</b>	<b>C11</b>	<b>24</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PENSKE AUTO CTR</b> EPA ID: PAR000014753	<b>175 N POTTSTOWN SEC</b>	<b>ESE 1/8 - 1/4 (0.136 mi.)</b>	<b>F26</b>	<b>82</b>

## EXECUTIVE SUMMARY

### EDR HIGH RISK HISTORICAL RECORDS

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

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>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
D ALESSIO RAYMOND	215 N POTTSTOWN PK	E 0 - 1/8 (0.044 mi.)	B16	59

EDR Hist Cleaner: 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.

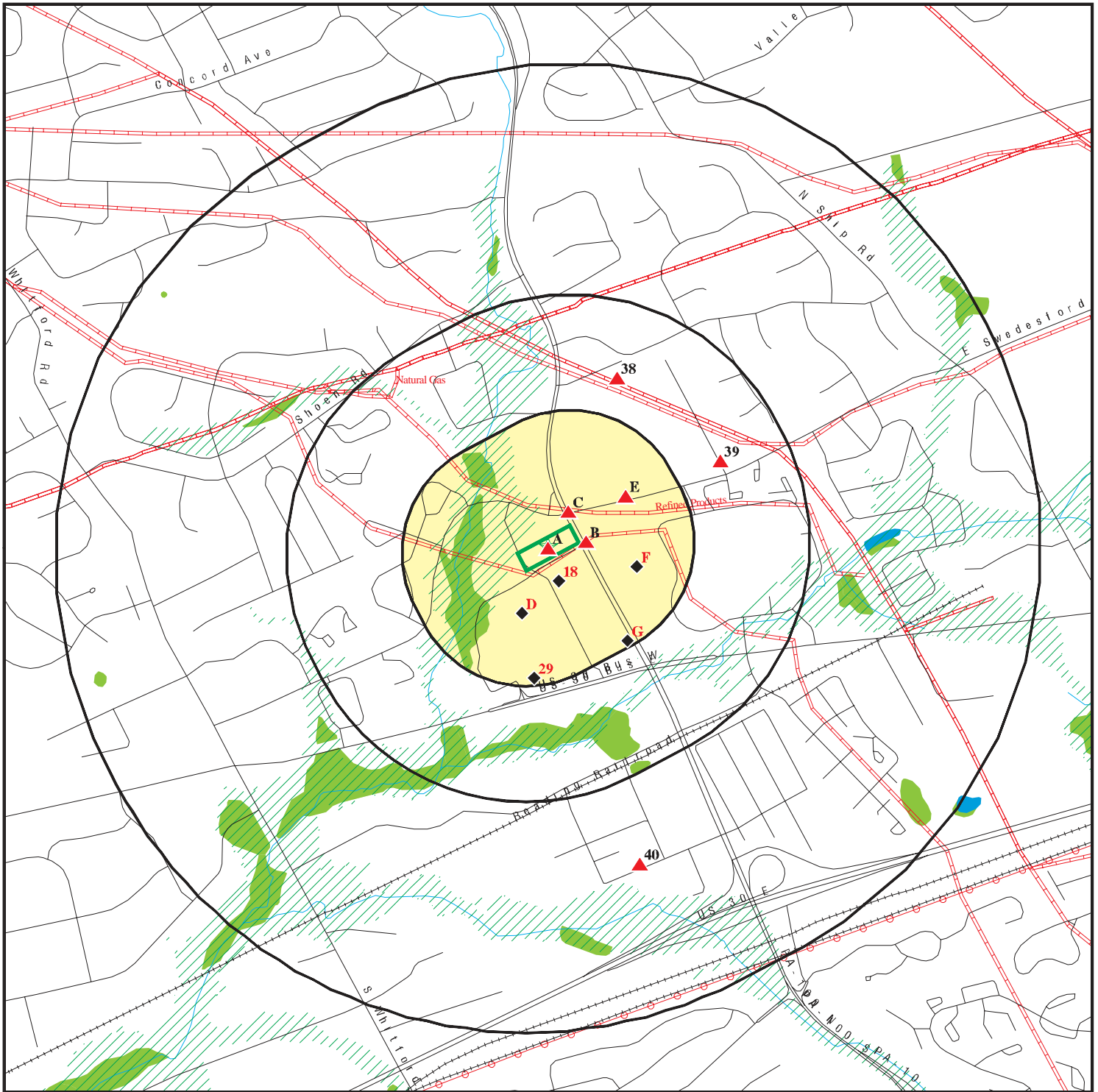
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
H & L CLEANERS & DEC	225 N POTTSTOWN PIKE	E 0 - 1/8 (0.021 mi.)	B7	15
DOLPHIN CLEANERS	133 E SWEDES FORD RD	NE 0 - 1/8 (0.118 mi.)	E22	71
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWNE CENTER CLEANER	201 W LINCOLN HWY 33	SSW 0 - 1/8 (0.092 mi.)	D20	64

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 7528113.2S



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

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

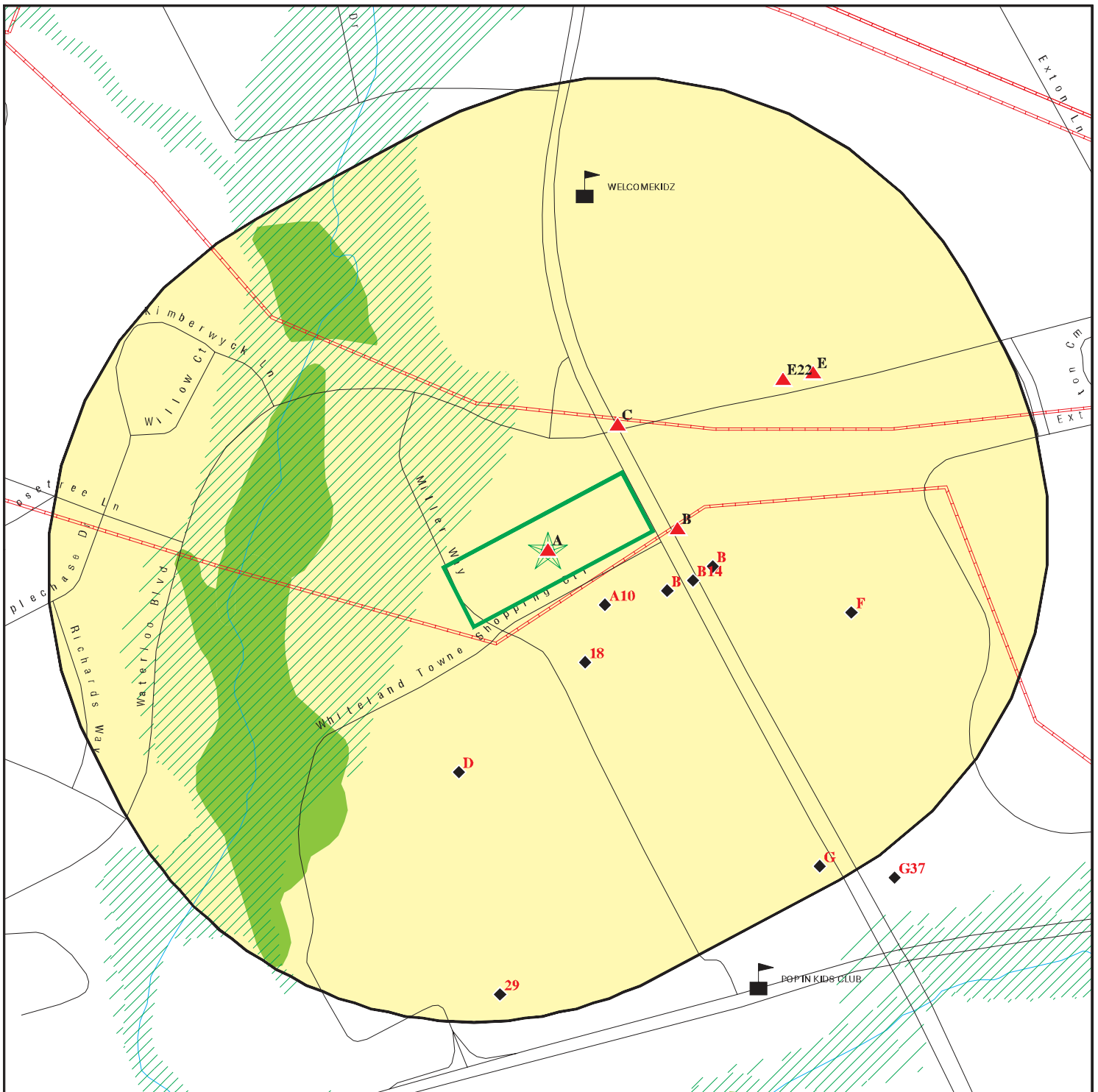
State Wetlands








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: 222 N Pottstown Pike  
 ADDRESS: 222 N Pottstown Pike  
 Exton PA 19341  
 LAT/LONG: 40.031866 / 75.632389

CLIENT: Huxta Environmental  
 CONTACT: Stephen Huxta  
 INQUIRY #: 7528113.2s  
 DATE: December 26, 2023 9:31 am

# DETAIL MAP - 7528113.2S



-  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
-  Pipelines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands



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: 222 N Pottstown Pike  
 ADDRESS: 222 N Pottstown Pike  
 Exton PA 19341  
 LAT/LONG: 40.031866 / 75.632389

CLIENT: Huxta Environmental  
 CONTACT: Stephen Huxta  
 INQUIRY #: 7528113.2s  
 DATE: December 26, 2023 9:32 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>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	1	NR	1
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-VSQG	0.250		2	3	NR	NR	NR	5
<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 CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
PA SHWS	1.000		0	0	0	0	NR	0
PA HSCA	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
PA LUST	0.500		4	3	2	NR	NR	9



## 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
PA LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
PA UNREG LTANKS	0.500		0	0	1	NR	NR	1
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
PA UST	0.250		0	2	NR	NR	NR	2
PA AST	0.250	1	1	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
PA ENG CONTROLS	0.500		0	0	0	NR	NR	0
PA AUL	0.500		0	0	0	NR	NR	0
PA INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
PA VCP	0.500	1	1	1	0	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
PA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
PA HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
PA ARCHIVE UST	0.250	1	5	2	NR	NR	NR	8
PA ARCHIVE AST	0.001		0	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
PA ACT 2-DEED	0.500		1	0	0	NR	NR	1
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	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
PA SPILLS	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		2	1	NR	NR	NR	3
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
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	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	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	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	1	NR	NR	NR	1
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	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
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PA PFAS	0.250		0	0	NR	NR	NR	0
PA AIRS	0.001		0	NR	NR	NR	NR	0
PA ASBESTOS	0.001		0	NR	NR	NR	NR	0
PA DRYCLEANERS	0.250		1	1	NR	NR	NR	2
PA MANIFEST	0.250		2	3	NR	NR	NR	5
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		1	1	NR	NR	NR	2
PA MINES	0.250		0	0	NR	NR	NR	0
PA NPDES	0.001		0	NR	NR	NR	NR	0
PA UIC	0.001		0	NR	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
PA RGA HWS	0.001		0	NR	NR	NR	NR	0
PA RGA LF	0.001		0	NR	NR	NR	NR	0
PA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		3	25	19	3	1	0	51

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**Target**  
**Property**  
**WEST WHITELAND TWP BLDG**  
**222 N POTTSTOWN PIKE**  
**EXTON, PA 19341**

**PA VCP** **S112430115**  
**N/A**

**Site 1 of 4 in cluster A**

**Actual:**  
**314 ft.**

VCP:  
Name: WEST WHITELAND TWP BLDG  
Address: 222 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2208

Cleanup Records:  
Municipality: West Whiteland Twp  
Region: Southeast Region  
Category Desc: Fuel Oil No 2  
Type: Complete Sites  
LRP Activity Number: 44475  
Remediation: Statewide Health Standard  
Activity: NO  
Date Approved: 04/10/2015  
Date Received: Not reported  
Date Nonuse: Not reported  
ICS Code: Not reported  
Media: Soil  
Latitude: 40.032172  
Longitude: -75.631575

Name: WEST WHITELAND TWP BLDG  
Address: 222 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2208

Activity:  
Activity ID: 758322, 758322,  
Municipality: West Whiteland Twp  
Region: Southeast Region  
Category Desc: Fuel Oil No 2  
Type: Complete Sites  
LRP Activity Number: 44475  
Remediation: Statewide Health Standard  
Activity: NO  
Date Approved: 04/10/2015  
Date Received: Not reported  
Date Nonuse: Not reported  
ICS Code: Not reported  
Media: Groundwater  
Latitude: 40.032172  
Longitude: -75.631575

**A2**  
**Target**  
**Property**  
**WEST WHITELAND TWP CHESTER CNTY**  
**222 N POTTSTOWN PIKE**  
**EXTON, PA 19341**

**PA ARCHIVE UST** **S119698089**  
**N/A**

**Site 2 of 4 in cluster A**

**Actual:**  
**314 ft.**

ARCHIVE UST:  
Name: WEST WHITELAND TWP CHESTER CNTY  
Address: 222 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2208  
Facility Id: 15-42864  
Site ID: 716368  
Municipality: West Whiteland Twp

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WEST WHITELAND TWP CHESTER CNTY (Continued)**

**S119698089**

Client Date:	77785
Owner Id:	Not reported
Owner Name:	WEST WHITELAND TWP CHESTER CNTY
Owner Address:	101 COMMERCE DR
Owner Address 2:	Not reported
Owner City,St,Zip:	EXTON, PA 19341-2726
Owner Phone:	Not reported
Owner County Code:	Not reported
Resp Party Name:	WEST WHITELAND TWP CHESTER CNTY
RP Address:	101 COMMERCE DR
RP Address 2:	Not reported
RP City,St,Zip:	EXTON, PA 19341-2726
Region Code Name:	Not reported
Regulated Expire Date:	Not reported
Tank Sequence #:	001
Tank Id:	624115
Status:	Removed
Status Code End Date:	Not reported
Capacity:	10000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	09/01/1982
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	77785
Chemical Name:	WEST WHITELAND TWP CHESTER CNTY
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	MIMI GLEASON TWP MGR
Company:	Not reported

**A3**  
**Target**  
**Property**

**WEST WHITELAND TWP CHESTER CNTY**  
**222 N POTTSTOWN PIKE**  
**EXTON, PA 19341**

**PA AST**    **A100170891**  
**N/A**

**Site 3 of 4 in cluster A**

**Actual:**  
**314 ft.**

AST:	
Name:	WEST WHITELAND TWP CHESTER CNTY
Address:	222 N POTTSTOWN PIKE
City,State,Zip:	EXTON, PA 19341-2208
Site ID:	716368
Client Id:	77785
Other Id:	15-42864
Mailing Name:	WEST WHITELAND TWP CHESTER CNTY
Mailing Address:	222 N POTTSTOWN PIKE
Mailing Address:	Not reported
Mailing City,St,Zip:	EXTON, PA 19341-2208
Municipality:	West Whiteland
Region Name:	EP SE Rgnl Off Norristown
Tank Seq Num:	001A
Tank Status:	Currently In Use
Tank Capacity:	6000
Substance:	Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

WEST WHITELAND TWP CHESTER CNTY (Continued)

A100170891

Date Installed: 03/05/1998  
Tank Code: AST  
Inspection Code: In Service  
Tank Last Inspected: 01/10/2018  
Registration Expiration Date: 02/04/2024  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

B4  
East  
< 1/8  
0.016 mi.  
83 ft.

EXTON TIRE GOODYEAR  
231 N POTTSTOWN PIKE  
EXTON, PA 19341

PA ARCHIVE UST S119698286  
N/A

Site 1 of 10 in cluster B

Relative:  
Higher  
Actual:  
318 ft.

ARCHIVE UST:  
Name: EXTON TIRE GOODYEAR  
Address: 231 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2226  
Facility Id: 15-46531  
Site ID: 570194  
Municipality: West Whiteland Twp  
Client Date: 185741  
Owner Id: Not reported  
Owner Name: 100 BRENTWOOD ASSOC LP  
Owner Address: 399 MARKET ST FL 3  
Owner Address 2: Not reported  
Owner City,St,Zip: PHILADELPHIA, PA 19106-2117  
Owner Phone: Not reported  
Owner County Code: Not reported  
Resp Party Name: 100 BRENTWOOD ASSOC LP  
RP Address: 399 MARKET ST FL 3  
RP Address 2: Not reported  
RP City,St,Zip: PHILADELPHIA, PA 19106-2117  
Region Code Name: Not reported  
Regulated Expire Date: Not reported  
  
Tank Sequence #: 001  
Tank Id: 625416  
Status: Closed  
Status Code End Date: Not reported  
Capacity: 500  
Substance: USDOL  
Tank Substance End Date: Not reported  
Install Date: 06/01/1978  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 185741  
Chemical Name: 100 BRENTWOOD ASSOC LP  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: UNKNOWN  
Company: Not reported

MAP FINDINGS

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

<b>B5</b> East < 1/8 0.016 mi. 83 ft.	<b>EXTON TIRE GOODYEAR</b> <b>231 N POTTSTOWN PIKE</b> <b>EXTON, PA 19341</b>  <b>Site 2 of 10 in cluster B</b>	<b>PA LUST</b>	<b>S102927364</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	LUST:	
<b>Actual:</b> <b>318 ft.</b>	Name:	EXTON TIRE GOODYEAR
	Address:	231 N POTTSTOWN PIKE
	City,State,Zip:	EXTON, PA 19341-2226
	Region:	EP SE Rgnl Off Norristown
	Municipality:	West Whiteland Twp
	Facility Id:	587244
	Facility Type:	Underground Storage Tank Containing Petroleum
	<b>Facility Status:</b>	<b>Cleanup Completed</b>
	Status Date:	03/02/1998
	Confirmed Date:	12/08/1997
	Program Other Id:	15-46531
	Client:	100 BRENTWOOD ASSOC LP
	Incident Id:	1128
	Incident Desc:	15-46531 EXTON TIRE CO
	Suspect Date:	Not reported
	Source Of Notification:	INSTL
	Release Discovered:	CLOS
	Source Cause Of Release:	INFNP
	Tank:	Not reported
	Impact Desc:	Soil
	Substance:	Used Motor Oil
	CAS RN:	Not reported
	Chemical:	Not reported
	Comments:	Not reported
	Horizontal Ref Datum:	WGS84
	Altitude Datum:	Not reported
	Latitude:	40.0321
	Longitude:	-75.630907

<b>B6</b> East < 1/8 0.019 mi. 100 ft.	<b>EXTON TIRE</b> <b>227 N POTTSTOWN PK</b> <b>EXTON, PA 19341</b>  <b>Site 3 of 10 in cluster B</b>	<b>RCRA NonGen / NLR</b>	<b>1000571127</b>
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<b>Relative:</b> <b>Higher</b>	RCRA Listings:	
<b>Actual:</b> <b>317 ft.</b>	Date Form Received by Agency:	20050506
	Handler Name:	Exton Tire
	Handler Address:	227 N POTTSTOWN PK
	Handler City,State,Zip:	EXTON, PA 19341
	EPA ID:	PAD987356474
	Contact Name:	BRIAN FAY
	Contact Address:	227 N POTTSTOWN PK
	Contact City,State,Zip:	EXTON, PA 19341
	Contact Telephone:	215-363-8800
	Contact Fax:	Not reported
	Contact Email:	Not reported
	Contact Title:	Not reported
	EPA Region:	03
	Land Type:	Not reported
	Federal Waste Generator Description:	Not a generator, verified
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EXTON TIRE (Continued)**

**1000571127**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Pa
State District:	1
Mailing Address:	227 N POTTSTOWN PK
Mailing City, State, Zip:	EXTON, PA 19341
Owner Name:	Douglas Fay
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20050718
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	Lead
Waste Code:	D018



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE (Continued)**

**1000571127**

Waste Description: Benzene  
Waste Code: D039  
Waste Description: Tetrachloroethylene

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: DOUGLAS FAY  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 227 N POTTSTOWN  
Owner/Operator City,State,Zip: EXTON, PA 19341  
Owner/Operator Telephone: 215-363-8800  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: DOUGLAS FAY  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 227 N POTTSTOWN  
Owner/Operator City,State,Zip: EXTON, PA 19341  
Owner/Operator Telephone: 215-363-8800  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20050506  
Handler Name: EXTON TIRE  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19911104  
Handler Name: EXTON TIRE  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE (Continued)**

**1000571127**

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:

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

Evaluation Action Summary:

Evaluation Date: 20050224  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EXTON TIRE (Continued)**

**1000571127**

**FINDS:**

Registry ID: 110001033505

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

Pennsylvania's Department of Environmental Protection's (DEP) Environmental, Facility, Application, and Compliance Tracking System (PA-EFACTS) is a department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates. The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

**ECHO:**

Envid: 1000571127  
 Registry ID: 110001033505  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001033505>  
 Name: EXTON TIRE  
 Address: 227 N POTTSTOWN PK  
 City,State,Zip: EXTON, PA 19341

**B7**  
**East**  
**< 1/8**  
**0.021 mi.**  
**112 ft.**  
**Relative:**  
**Higher**

**H & L CLEANERS & DECOR**  
**225 N POTTSTOWN PIKE**  
**EXTON, PA 19341**

**EDR Hist Cleaner** **1019999760**  
**N/A**

**Site 4 of 10 in cluster B**

EDR Hist Cleaner

**Actual:**  
**316 ft.**

Year:	Name:	Type:
1989	H & L CLEANERS & DECOR	Drycleaning Plants, Except Rugs, NEC
1990	H & L CLEANERS & DECOR	Drycleaning Plants, Except Rugs, NEC
1991	H & L CLEANERS & DECOR	Drycleaning Plants, Except Rugs, NEC
1992	H & L CLEANERS & DECOR	Drycleaning Plants, Except Rugs, NEC
1993	H & L CLEANERS & DECOR	Drycleaning Plants, Except Rugs, NEC

**C8**  
**NNE**  
**< 1/8**  
**0.024 mi.**  
**126 ft.**  
**Relative:**  
**Higher**

**VERIZON EXTON PA**  
**100 W SWEDES FORD AVE**  
**EXTON, PA 19341**

**PA LUST** **S105800184**  
**PA AST** **N/A**  
**PA ARCHIVE AST**

**Site 1 of 3 in cluster C**

**LUST:**

**Actual:**  
**322 ft.**

Name: VERIZON EXTON PA  
 Address: 100 W SWEDES FORD AVE  
 City,State,Zip: EXTON, PA 19341  
 Region: EP SE Rgnl Off Norristown  
 Municipality: West Whiteland Twp  
 Facility Id: 585973  
 Facility Type: Underground Storage Tank Containing Petroleum

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VERIZON EXTON PA (Continued)

S105800184

**Facility Status:** Cleanup Completed  
Status Date: 02/12/2001  
Confirmed Date: 01/24/1992  
Program Other Id: 15-17727  
Client: VERIZON PENNSYLVANIA LLC  
Incident Id: 1152  
Incident Desc: 15-17727 BELL EXTON ESS BLDG  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: CLOS  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Diesel Fuel  
CAS RN: 71-43-2  
Chemical: BENZENE  
Comments: Not reported  
Horizontal Ref Datum: Not reported  
Altitude Datum: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: VERIZON EXTON PA  
Address: 100 W SWEDESFORD AVE  
City,State,Zip: EXTON, PA 19341  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585973  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status:** Cleanup Completed  
Status Date: 02/12/2001  
Confirmed Date: 01/24/1992  
Program Other Id: 15-17727  
Client: VERIZON PENNSYLVANIA LLC  
Incident Id: 1152  
Incident Desc: 15-17727 BELL EXTON ESS BLDG  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: CLOS  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Soil  
Substance: Diesel Fuel  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: Not reported  
Altitude Datum: Not reported  
Latitude: Not reported  
Longitude: Not reported

AST:  
Name: VERIZON EXTON PA  
Address: 100 W SWEDESFORD AVE  
City,State,Zip: EXTON, PA 19341  
Site ID: 569241  
Client Id: 87568

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VERIZON EXTON PA (Continued)**

**S105800184**

Other Id: 15-17727  
Mailing Name: VERIZON PENNSYLVANIA LLC  
Mailing Address: 1500 MACCORKLE AVE SE  
Mailing Address: Not reported  
Mailing City,St,Zip: CHARLESTON, WV 25396-0001  
Municipality: West Whiteland  
Region Name: EP SE Rgnl Off Norristown

Tank Seq Num: 002A  
Tank Status: Currently In Use  
Tank Capacity: 2500  
Substance: Diesel Fuel  
Date Installed: 06/07/2002  
Tank Code: AST  
Inspection Code: Not reported  
Tank Last Inspected: Not reported  
Registration Expiration Date: 02/04/2024  
Decode for Tstatus: Currently In Use  
Decode for Substance: Diesel Fuel

**ARCHIVE AST:**

Name: VERIZON EXTON PA  
Address: 100 W SWEDES FORD AVE  
City,State,Zip: EXTON, PA 19341  
Facility ID: 15-17727  
Site ID: 569241  
Client ID: 87568  
Municipality: West Whiteland Twp  
Region Name: Not reported  
Owner ID: Not reported  
Owner Name: VERIZON PA LLC  
Owner Phone: Not reported  
Owner Address: 1500 MACCORKLE AVE SE  
Owner Address 2: Not reported  
Owner City,St,Zip: CHARLESTON, WV 25396-0001  
Owner County Code: Not reported  
Resp Party Name: VERIZON PENNSYLVANIA LLC  
RP Address: 401 S HIGH ST FL 2  
RP Address 2: Not reported  
RP City,St,Zip: WEST CHESTER, PA 19382-3338  
Regulated Exp Date: Not reported

Tank ID: 621314  
Tank Sequence #: 001A  
Install Date: 01/01/1991  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 2000  
Substance: DIESEL  
Tank Substance End Date: Not reported  
Tank Code: AST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 87568  
Chemical Name: VERIZON PENNSYLVANIA LLC  
Other Information Regarding The Tank Substance: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VERIZON EXTON PA (Continued)**

**S105800184**

Undeliverable Address Ind.: N  
 Contact Name: PAUL L GEBHARD ENV MGR  
 Company: Not reported

**C9**  
**NNE**  
**< 1/8**  
**0.024 mi.**  
**126 ft.**

**VERIZON EXTON PA**  
**100 W SWEDESFORD AVE**  
**EXTON, PA 19341**

**PA ARCHIVE UST**

**S119697896**  
**N/A**

**Site 2 of 3 in cluster C**

**Relative:**  
**Higher**  
**Actual:**  
**322 ft.**

**ARCHIVE UST:**  
 Name: VERIZON EXTON PA  
 Address: 100 W SWEDESFORD AVE  
 City,State,Zip: EXTON, PA 19341  
 Facility Id: 15-17727  
 Site ID: 569241  
 Municipality: West Whiteland Twp  
 Client Date: 87568  
 Owner Id: Not reported  
 Owner Name: VERIZON PA LLC  
 Owner Address: 1500 MACCORKLE AVE SE  
 Owner Address 2: Not reported  
 Owner City,St,Zip: CHARLESTON, WV 25396-0001  
 Owner Phone: Not reported  
 Owner County Code: Not reported  
 Resp Party Name: VERIZON PENNSYLVANIA LLC  
 RP Address: 401 S HIGH ST FL 2  
 RP Address 2: Not reported  
 RP City,St,Zip: WEST CHESTER, PA 19382-3338  
 Region Code Name: Not reported  
 Regulated Expire Date: Not reported

Tank Sequence #: 001  
 Tank Id: 621313  
 Status: Closed  
 Status Code End Date: Not reported  
 Capacity: 5000  
 Substance: DIESEL  
 Tank Substance End Date: Not reported  
 Install Date: 12/01/1973  
 Tank Code: UST  
 Inspection Code: Not reported  
 Last Inspection: Not reported  
 Substance Type: Not reported  
 CASRN for Hazardous Substances: 87568  
 Chemical Name: VERIZON PENNSYLVANIA LLC  
 Other Information Regarding The Tank Substance: Not reported  
 Undeliverable Address Ind.: N  
 Contact Name: PAUL L GEBHARD ENV MGR  
 Company: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

**A10**  
**SE**  
 < 1/8  
 0.027 mi.  
 141 ft.

**PEP BOYS NO 158**  
**220 N POTTSTOWN PK**  
**EXTON, PA 19341**  
  
**Site 4 of 4 in cluster A**

**RCRA-VSQQ** 1000571315  
**FINDS** PAD987358520  
**ECHO**  
**PA MANIFEST**

**Relative:**  
**Lower**  
  
**Actual:**  
**312 ft.**

RCRA Listings:	20040923
Date Form Received by Agency:	Pep Boys No 158
Handler Name:	220 N POTTSTOWN PK
Handler Address:	EXTON, PA 19341
Handler City,State,Zip:	PAD987358520
EPA ID:	GREGORY A SANTANGELO
Contact Name:	3111 W ALLEGHENY AVE
Contact Address:	PHILADELPHIA, PA 19132
Contact City,State,Zip:	610-524-9800
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	03
EPA Region:	Private
Land Type:	Conditionally Exempt Small Quantity Generator
Federal Waste Generator Description:	E
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Handler Activities
Active Site Indicator:	Pa
State District Owner:	1
State District:	3111 W ALLEGHENY AVE
Mailing Address:	PHILADELPHIA, PA 19132
Mailing City,State,Zip:	The Pep Boys Manny Moe & Jack
Owner Name:	Private
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	No
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	---
Active Site State-Reg Handler:	Not reported
Federal Facility Indicator:	NN
Hazardous Secondary Material Indicator:	Not reported
Sub-Part K Indicator:	Not on the Baseline
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	No
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEP BOYS NO 158 (Continued)**

**1000571315**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20050112
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE PEP BOYS MANNY MOE & JACK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 W ALLEGHENY AVE
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19132
Owner/Operator Telephone:	215-227-9277
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE PEP BOYS MANNY MOE & JACK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 W ALLEGHENY AVE
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19132
Owner/Operator Telephone:	215-227-9277
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19911120
Handler Name:	PEP BOYS MANNY MOE & JACK THE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEP BOYS NO 158 (Continued)**

**1000571315**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20040923
Handler Name:	PEP BOYS NO 158
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES
NAICS Code:	44132
NAICS Description:	TIRE DEALERS
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Has the Facility Received Notices of Violations:

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PEP BOYS NO 158 (Continued)**

**1000571315**

SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

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

**Evaluation Action Summary:**

Evaluation Date: 19930205  
 Evaluation Responsible Agency: State  
 Found Violation: No  
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
 Evaluation Responsible Person Identifier: PAJ  
 Evaluation Responsible Sub-Organization: WM  
 Actual Return to Compliance Date: Not reported  
 Scheduled Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEP BOYS NO 158 (Continued)**

**1000571315**

Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20040109  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**FINDS:**

Registry ID: 110001074015

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

Pennsylvania's Department of Environmental Protection's (DEP) Environmental, Facility, Application, and Compliance Tracking System (PA-EFACTS) is a department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates. The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies. ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies. The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

**ECHO:**

Envid: 1000571315  
Registry ID: 110001074015  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001074015>  
Name: PEP BOYS  
Address: 220 N POTTSTOWN PK  
City,State,Zip: EXTON, PA 19341

**Manifest Details:**

Year: 2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PEP BOYS NO 158 (Continued)**

**1000571315**

Manifest Number: PAG213083  
 Manifest Type: TSD Copy  
 Generator EPA Id: PAD987358520  
 Generator Date: 04/11/2006  
 Mailing Address: Not reported  
 Mailing City,St,Zip: Not reported  
 Contact Name: Not reported  
 Contact Phone: Not reported  
 TSD EPA Id: OHD000816629  
 TSD Date: Not reported  
 TSD Facility Name: SPRING GROVE RESOURCE RECOVERY  
 TSD Facility Address: 4879 SPRING GROVE AVE  
 TSD Facility City: CINCINNATI  
 TSD Facility State: OH  
 Facility Telephone: 610-524-9800  
 Page Number: 1  
 Line Number: 1  
 Waste Number: D008  
 Container Number: 4  
 Container Type: Fiberboard or plastic drums, barrels, kegs  
 Waste Quantity: 20  
 Unit: Gallons (liquids only)  
 Handling Code: Not reported  
 TSP EPA Id: Not reported  
 Date TSP Sig: Not reported

**C11  
 NNE  
 < 1/8  
 0.030 mi.  
 161 ft.**

**EXTON TIRE CO  
 RT 100 & SWEDESFORD RD  
 EXTON, PA 19341**

**RCRA-VSQQ 1000571476  
 NY MANIFEST PAD987360245  
 PA MANIFEST**

**Site 3 of 3 in cluster C**

**Relative:  
 Higher  
 Actual:  
 322 ft.**

RCRA Listings:  
 Date Form Received by Agency: 20071029  
 Handler Name: Exton Tire Co  
 Handler Address: RT 100 & SWEDESFORD RD  
 Handler City,State,Zip: EXTON, PA 19341  
 EPA ID: PAD987360245  
 Contact Name: Not reported  
 Contact Address: Not reported  
 Contact City,State,Zip: Not reported  
 Contact Telephone: Not reported  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 03  
 Land Type: Other  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Pa  
 State District: 1  
 Mailing Address: Not reported  
 Mailing City,State,Zip: Not reported  
 Owner Name: Not reported  
 Owner Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20071108
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	Lead
Waste Code:	D018
Waste Description:	Benzene
Waste Code:	D039
Waste Description:	Tetrachloroethylene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
---------------------------	-------

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Owner/Operator Name: PETER FAY  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: OWNST  
Owner/Operator City,State,Zip: OWNCTY, PA 66666-6666  
Owner/Operator Telephone: 666-666-6666  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: PETER FAY  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: OWNST  
Owner/Operator City,State,Zip: OWNCTY, PA 66666-6666  
Owner/Operator Telephone: 666-666-6666  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20050506  
Handler Name: EXTON TIRE CO  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20071029  
Handler Name: EXTON TIRE CO  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19911211  
Handler Name: EXTON TIRE CO  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:  
NAICS Codes: No NAICS Codes Found

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

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

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

**Evaluation Action Summary:**

Evaluation Date: 20050224  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19921202  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Manifest Facility Information:

EPA ID: PAD987360245  
Country: USA  
Name: EXTON TIRE CO  
Address: RT 100 & SWEDESFORD RD  
Address 2: Not reported  
City,State,Zip: EXTON, PA 19341  
Zip 4: Not reported  
Location Address 1: ROUTE 100 AND SWEDESFORD ROAD  
Location Address 2: Not reported  
Location City,State,Zip: EXTON, PA 19341  
Location Zip 4: Not reported  
Facility Status: Not reported  
Total Tanks: Not reported  
Code: BP

Mailing:

Mailing Name: EXTON TIRE CO  
Mailing Contact: EXTON TIRE CO  
Mailing Address 1: ROUTE 100 AND SWEDESFORD ROAD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: EXTON, PA 19341  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 2153638800

Manifest Data:

Document ID: NYC5604524  
Manifest Status: Not reported  
Trans1 State ID: PAYV02967  
Year: 1999  
Trans2 State ID: T162VW  
Generator Ship Date: 04/19/1999  
Trans1 Recv Date: 04/19/1999  
Trans2 Recv Date: 04/29/1999  
TSD Site Recv Date: 05/04/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: SCD987574647  
TSDF ID 1: NYD000708198  
TSDF ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4679550  
Manifest Status: Not reported  
Trans1 State ID: PAYM81642  
Year: 1997  
Trans2 State ID: Not reported  
Generator Ship Date: 03/27/1997  
Trans1 Recv Date: 03/27/1997  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/08/1997  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4406782  
Manifest Status: Not reported  
Trans1 State ID: PAYM81642  
Year: 1997  
Trans2 State ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Generator Ship Date:	01/03/1997
Trans1 Recv Date:	01/03/1997
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/10/1997
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD987360245
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	01.00
Document ID:	NYC5258711
Manifest Status:	Not reported
Trans1 State ID:	PAY402967
Year:	1998
Trans2 State ID:	Not reported
Generator Ship Date:	05/22/1998
Trans1 Recv Date:	05/22/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/02/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD987360245
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4121515  
Manifest Status: Not reported  
Trans1 State ID: PA30531CA  
Year: 1996  
Trans2 State ID: Not reported  
Generator Ship Date: 10/04/1996  
Trans1 Recv Date: 10/04/1996  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/11/1996  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Recycle  
Specific Gravity: 01.00

Document ID: NYC6035286  
Manifest Status: Not reported  
Trans1 State ID: PAYL58577  
Year: 1999  
Trans2 State ID: T162VW  
Generator Ship Date: 12/30/1999  
Trans1 Recv Date: 12/30/1999  
Trans2 Recv Date: 01/05/2000  
TSD Site Recv Date: 01/11/2000  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: SCR000074591  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC5927027  
Manifest Status: Not reported  
Trans1 State ID: PAYY02967  
Year: 1999  
Trans2 State ID: T162VW  
Generator Ship Date: 10/06/1999  
Trans1 Recv Date: 10/06/1999  
Trans2 Recv Date: 10/12/1999  
TSD Site Recv Date: 10/19/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: SCD987574647  
TSDF ID 1: NYD000708198  
TSDF ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC5001917  
Manifest Status: Not reported  
Trans1 State ID: PAYP16424  
Year: 1998  
Trans2 State ID: Not reported  
Generator Ship Date: 02/25/1998  
Trans1 Recv Date: 02/25/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 03/06/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSDF ID 1: NYD000708198  
TSDF ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Waste Code 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Pounds  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4860718  
Manifest Status: Not reported  
Trans1 State ID: PAYY02967  
Year: 1997  
Trans2 State ID: Not reported  
Generator Ship Date: 09/05/1997  
Trans1 Recv Date: 09/05/1997  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 09/12/1997  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD987360245  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4898373  
Manifest Status: Not reported  
Trans1 State ID: PAYV03245

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Year:	1997
Trans2 State ID:	Not reported
Generator Ship Date:	11/26/1997
Trans1 Recv Date:	11/26/1997
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/09/1997
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD987360245
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	01.00
Document ID:	NYC5355810
Manifest Status:	Not reported
Trans1 State ID:	YM81642PA
Year:	1998
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/1998
Trans1 Recv Date:	08/12/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/18/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD987360245
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	01.00

[Click this hyperlink](#) while viewing on your computer to access 6 additional NY MANIFEST: record(s) in the EDR Site Report.

Manifest Details:

Year:	2010
Manifest Number:	002204255sks
Manifest Type:	TSD Copy
Generator EPA Id:	PAD987360245
Generator Date:	03/10/2010
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	610-363-8800
TSD EPA Id:	ILD980613913
TSD Date:	Not reported
TSD Facility Name:	SAFETY KLEEN SYSTEMS INC
TSD Facility Address:	633 E 138TH STREET
TSD Facility City:	DOLTON
TSD Facility State:	IL
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D039
Container Number:	NULL
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	5
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2009
Manifest Number:	001666544SKS
Manifest Type:	TSD Copy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Generator EPA Id: PAD987360245  
Generator Date: 03/26/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: 633 E 138TH STREET  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2009  
Manifest Number: 001870023SKS  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987360245  
Generator Date: 06/11/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: 633 E 138TH STREET  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2009  
Manifest Number: 002204064SKS  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987360245  
Generator Date: 11/20/2009  
Mailing Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: 633 E 138TH STREET  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2009  
Manifest Number: 000890380SKS  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987360245  
Generator Date: 01/02/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: 633 E 138TH STREET  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2009  
Manifest Number: 002091775SKS  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987360245  
Generator Date: 08/28/2009  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

**1000571476**

TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: 633 E 138TH STREET  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2008  
Manifest Number: 000977117SKS  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987360245  
Generator Date: 01/30/2008  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: 633 E 138TH STREET  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2007  
Manifest Number: 000778691SKS  
Manifest Type: Not reported  
Generator EPA Id: PAD987360245  
Generator Date: 11/05/2007  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN CORP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXTON TIRE CO (Continued)**

1000571476

TSD Facility Address: 633 E 138TH ST  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2007  
Manifest Number: 000871667SKS  
Manifest Type: Not reported  
Generator EPA Id: PAD987360245  
Generator Date: 08/14/2007  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN CORP  
TSD Facility Address: 633 E 138TH ST  
TSD Facility City: DOLTON  
TSD Facility State: IL  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 5  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2007  
Manifest Number: 000410975SKS  
Manifest Type: Not reported  
Generator EPA Id: PAD987360245  
Generator Date: 03/05/2007  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 610-363-8800  
TSD EPA Id: ILD980613913  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN CORP  
TSD Facility Address: 633 E 138TH ST  
TSD Facility City: DOLTON  
TSD Facility State: IL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EXTON TIRE CO (Continued)**

1000571476

Facility Telephone: Not reported  
 Page Number: 1  
 Line Number: 1  
 Waste Number: D039  
 Container Number: 1  
 Container Type: Fiberboard or plastic drums, barrels, kegs  
 Waste Quantity: 5  
 Unit: Gallons (liquids only)  
 Handling Code: Not reported  
 TSP EPA Id: Not reported  
 Date TSP Sig: Not reported

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

**B12**  
**ESE**  
 < 1/8  
 0.038 mi.  
 198 ft.

**HAIR EXPRESS**  
**216 N POTTSTOWN PIKE**  
**EXTON, PA 19341**  
  
**Site 5 of 10 in cluster B**

**PA ARCHIVE UST**    **S119697999**  
 N/A

**Relative:**  
**Lower**

ARCHIVE UST:

**Actual:**  
**313 ft.**

Name: HAIR EXPRESS  
 Address: 216 N POTTSTOWN PIKE  
 City,State,Zip: EXTON, PA 19341-2208  
 Facility Id: 15-35235  
 Site ID: 569463  
 Municipality: East Whiteland Twp  
 Client Date: 181791  
 Owner Id: Not reported  
 Owner Name: DEBORAH BROWN  
 Owner Address: PO BOX 127  
 Owner Address 2: HILL CAMP RD  
 Owner City,St,Zip: SAINT PETERS, PA 19470  
 Owner Phone: Not reported  
 Owner County Code: Not reported  
 Resp Party Name: DEBORAH BROWN  
 RP Address: PO BOX 127  
 RP Address 2: Not reported  
 RP City,St,Zip: SAINT PETERS, PA 19470  
 Region Code Name: Not reported  
 Regulated Expire Date: Not reported  
  
 Tank Sequence #: 001  
 Tank Id: 622851  
 Status: Closed  
 Status Code End Date: Not reported  
 Capacity: 1000  
 Substance: GAS  
 Tank Substance End Date: Not reported  
 Install Date: Not reported  
 Tank Code: UST  
 Inspection Code: Not reported  
 Last Inspection: Not reported  
 Substance Type: Not reported  
 CASRN for Hazardous Substances: 181791  
 Chemical Name: DEBORAH BROWN  
 Other Information Regarding The Tank Substance: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAIR EXPRESS (Continued)**

**S119697999**

Undeliverable Address Ind.:	N
Contact Name:	UNKNOWN
Company:	Not reported
Tank Sequence #:	002
Tank Id:	622852
Status:	Closed
Status Code End Date:	Not reported
Capacity:	1000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	181791
Chemical Name:	DEBORAH BROWN
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	UNKNOWN
Company:	Not reported
Tank Sequence #:	003
Tank Id:	622853
Status:	Closed
Status Code End Date:	Not reported
Capacity:	2000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	181791
Chemical Name:	DEBORAH BROWN
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	UNKNOWN
Company:	Not reported
Tank Sequence #:	004
Tank Id:	622854
Status:	Closed
Status Code End Date:	Not reported
Capacity:	3000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAIR EXPRESS (Continued)**

**S119697999**

CASRN for Hazardous Substances: 181791  
Chemical Name: DEBORAH BROWN  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: UNKNOWN  
Company: Not reported

**B13  
ESE  
< 1/8  
0.038 mi.  
198 ft.**

**HAIR EXPRESS  
216 N POTTSTOWN PIKE  
EXTON, PA 19341**

**PA LUST S102604165  
N/A**

**Site 6 of 10 in cluster B**

**Relative:  
Lower  
Actual:  
313 ft.**

**LUST:**  
Name: HAIR EXPRESS  
Address: 216 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2208  
Region: EP SE Rgnl Off Norristown  
Municipality: East Whiteland Twp  
Facility Id: 586297  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 08/25/1994  
Confirmed Date: 05/01/1993  
Program Other Id: 15-35235  
Client: DEBORAH BROWN  
Incident Id: 1097  
Incident Desc: HAIR EXPRESS  
Suspect Date: Not reported  
Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.031774  
Longitude: -75.630967

Name: HAIR EXPRESS  
Address: 216 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2208  
Region: EP SE Rgnl Off Norristown  
Municipality: East Whiteland Twp  
Facility Id: 586297  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 08/25/1994  
Confirmed Date: 05/01/1993  
Program Other Id: 15-35235  
Client: DEBORAH BROWN  
Incident Id: 1097  
Incident Desc: HAIR EXPRESS  
Suspect Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAIR EXPRESS (Continued)**

**S102604165**

Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Soil  
Substance: Not reported  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.031774  
Longitude: -75.630967

**B14**  
**ESE**  
**< 1/8**  
**0.040 mi.**  
**212 ft.**

**TEXACO SERVICE STATION**  
**215 N POTTERSTOWN PIKE**  
**EXTON, PA 19341**

**RCRA-SQG 1000447731**  
**FINDS PAD987280757**  
**ECHO**

**Site 7 of 10 in cluster B**

**Relative:**  
**Lower**  
**Actual:**  
**311 ft.**

RCRA Listings:  
Date Form Received by Agency: 20060630  
Handler Name: Texaco Service Station  
Handler Address: 215 N POTTERSTOWN PIKE  
Handler City,State,Zip: EXTON, PA 19341  
EPA ID: PAD987280757  
Contact Name: Not reported  
Contact Address: Not reported  
Contact City,State,Zip: Not reported  
Contact Telephone: Not reported  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported  
EPA Region: 03  
Land Type: Other  
Federal Waste Generator Description: Small Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Handler Activities  
State District Owner: Pa  
State District: 1  
Mailing Address: Not reported  
Mailing City,State,Zip: Not reported  
Owner Name: Daibes Enterprises  
Owner Type: Private  
Operator Name: Not reported  
Operator Type: Not reported  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TEXACO SERVICE STATION (Continued)**

**1000447731**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070713
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D019
Waste Description:	Carbon Tetrachloride

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAIBES ENTERPRISES
Legal Status:	Private
Date Became Current:	20040625
Date Ended Current:	Not reported
Owner/Operator Address:	1000 PORTSIDE DR
Owner/Operator City,State,Zip:	EDGEWATER, NJ 07020
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION (Continued)**

**1000447731**

Owner/Operator Name: DAIBES ENTERPRISES  
Legal Status: Private  
Date Became Current: 20040625  
Date Ended Current: Not reported  
Owner/Operator Address: 1000 PORTSIDE DR  
Owner/Operator City,State,Zip: EDGEWATER, NJ 07020  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

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

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

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

Owner/Operator Indicator: Operator  
Owner/Operator Name: DAIBES ENTERPRISES  
Legal Status: Private  
Date Became Current: 20040625  
Date Ended Current: Not reported  
Owner/Operator Address: 1000 PORTSIDE DR  
Owner/Operator City,State,Zip: EDGEWATER, NJ 07020  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION (Continued)**

**1000447731**

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

Historic Generators:

Receive Date:	20050803
Handler Name:	TEXACO SERVICE STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060630
Handler Name:	TEXACO SERVICE STATION
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19900606
Handler Name:	TEXACO SERVICE STATION
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Pa

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION (Continued)**

**1000447731**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20050516
Handler Name:	TEXACO SERVICE STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION (Continued)**

**1000447731**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20050420
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PAJ
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

**FINDS:**

Registry ID: 110001076200

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

Pennsylvania's Department of Environmental Protection's (DEP) Environmental, Facility, Application, and Compliance Tracking System (PA-EFACTS) is a department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates. The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

**ECHO:**

Envid:	1000447731
Registry ID:	110001076200
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110001076200">http://echo.epa.gov/detailed-facility-report?fid=110001076200</a>
Name:	TEXACO SERVICE STATION
Address:	215 N POTTERSTOWN PIKE
City,State,Zip:	EXTON, PA 19341

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B15**      **TEXACO 100317**  
**East**      **215 N POTTSTOWN PIKE**  
**< 1/8**      **EXTON, PA 19341**  
**0.044 mi.**  
**232 ft.**      **Site 8 of 10 in cluster B**

**PA LUST**      **S119007950**  
**PA ARCHIVE UST**      **N/A**  
**PA ASBESTOS**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**310 ft.**

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Administrative Close Out (ACO)**  
Status Date: 03/03/2008  
Confirmed Date: 08/05/1989  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 1148  
Incident Desc: TEXACO 014 045 0938  
Suspect Date: Not reported  
Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Not reported  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 71-43-2  
Chemical: BENZENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 100317 (Continued)**

**S119007950**

Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 98-82-8  
Chemical: CUMENE

Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 100-41-4



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO 100317 (Continued)

S119007950

Chemical: ETHYL BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 1634-04-4  
Chemical: METHYL TERT-BUTYL ETHER (MTBE)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO 100317 (Continued)

S119007950

CAS RN: 91-20-3  
Chemical: NAPHTHALENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 108-88-3  
Chemical: TOLUENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 100317 (Continued)**

**S119007950**

Substance: Unleaded Gasoline  
CAS RN: 95-63-6  
Chemical: TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 108-67-8  
Chemical: TRIMETHYLBENZENE, 1,3,5-  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO 100317 (Continued)

S119007950

Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 1330-20-7  
Chemical: XYLENES (TOTAL)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586042  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 02/26/2004  
Confirmed Date: 02/26/2004  
Program Other Id: 15-21095  
Client: SHELL OIL PROD US  
Incident Id: 33261  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.032939  
Longitude: -75.630328

Name: EAST COAST EXTON  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 699076  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 12/16/2019  
Confirmed Date: 12/16/2019  
Program Other Id: 15-39666  
Client: 215 POTTSTOWN PIKE EXTON LLC  
Incident Id: 54509  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: CLOS  
Source Cause Of Release: UNDTD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 100317 (Continued)**

**S119007950**

Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.031735  
Longitude: -75.630661

**ARCHIVE UST:**

Name: EAST COAST EXTON  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Facility Id: 15-39666  
Site ID: 696617  
Municipality: West Whiteland Twp  
Client Date: 353157  
Owner Id: Not reported  
Owner Name: AL & MIKE IND INC  
Owner Address: 2201 FEDERAL ST  
Owner Address 2: Not reported  
Owner City,St,Zip: CAMDEN, NJ 08105-1928  
Owner Phone: Not reported  
Owner County Code: Not reported  
Resp Party Name: 215 POTTSTOWN PIKE EXTON LLC  
RP Address: 600 W VAN BUREN ST STE 1000  
RP Address 2: Not reported  
RP City,St,Zip: CHICAGO, IL 60607-3767  
Region Code Name: Not reported  
Regulated Expire Date: Not reported

Tank Sequence #: 001  
Tank Id: 956151  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 20000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 10/04/2007  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 353157  
Chemical Name: 215 POTTSTOWN PIKE EXTON LLC  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ALEXANDER STERIN OWNER  
Company: Not reported

Tank Sequence #: 002  
Tank Id: 956152  
Status: Removed  
Status Code End Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 100317 (Continued)**

**S119007950**

Capacity: 4000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 10/04/2007  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 353157  
Chemical Name: 215 POTTSTOWN PIKE EXTON LLC  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ALEXANDER STERIN OWNER  
Company: Not reported

Tank Sequence #: 003  
Tank Id: 956153  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 4000  
Substance: DIESL  
Tank Substance End Date: Not reported  
Install Date: 10/04/2007  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 353157  
Chemical Name: 215 POTTSTOWN PIKE EXTON LLC  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ALEXANDER STERIN OWNER  
Company: Not reported

**ASBESTOS:**

Name: EAST COAST EXTON  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341  
Project ID: Not reported  
Address: Not reported  
Project ID 2: Not reported  
Facility Type: Not reported  
Facility Type Code: Not reported  
Contractor Company: Not reported  
Contractor Address: Not reported  
Contractor Address 2: Not reported  
Contractor City State Zip: Not reported  
Contractor: Not reported  
Contractor Telephone: Not reported  
Owner Company: 215 POTTSTOWN PIKE (EXTON), LLC (A DELAWARE LLC)  
Owner Address: 600 WEST VAN BUREN, SUITE 1000  
Owner Address 2: Not reported  
Owner City State Zip: CHICAGO IL 60607  
Owner: MICHAEL DOMENICK  
Owner Telephone: (570)-446-3179  
Start Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TEXACO 100317 (Continued)**

**S119007950**

End Date:	Not reported
ASB Amount:	Not reported
ASB Unit:	Not reported
ASB Amount 2:	Not reported
ASB Unit 2:	Not reported
ASB Amount 3:	Not reported
ASB Unit 2:	Not reported
ASB Amount 4:	Not reported
ASB Unit 4:	Not reported
ASB Amount 5:	Not reported
ASB Unit 5:	Not reported
ASB Amount 6:	Not reported
ASB Unit 6:	Not reported
Abatement:	Not reported
Demolition:	Not reported
Order Demolition:	Not reported
Renovation:	Not reported
Emergency Renovation:	Not reported

**B16**  
**East**  
**< 1/8**  
**0.044 mi.**  
**232 ft.**

**D ALESSIO RAYMOND**  
**215 N POTTSTOWN PK**  
**EXTON, PA 19341**

**EDR Hist Auto 1020284950**  
**N/A**

**Site 9 of 10 in cluster B**

**Relative:**  
**Lower**

EDR Hist Auto

**Actual:**  
**310 ft.**

Year:	Name:	Type:
1969	C J S ENTERPRISES	Gasoline Service Stations
1970	C J S ENTERPRISES	Gasoline Service Stations
1972	D ALESSIO RAYMOND	General Automotive Repair Shops
1973	D ALESSIO RAYMOND	General Automotive Repair Shops
1974	D ALESSIO RAYMOND	General Automotive Repair Shops
1975	D ALESSIO RAYMOND	General Automotive Repair Shops
1976	D ALESSIO RAYMOND	General Automotive Repair Shops
1977	D ALESSIO RAYMOND	General Automotive Repair Shops
1991	STAR ENTERPRISE	Gasoline Service Stations, NEC
1992	STAR ENTERPRISE	Gasoline Service Stations, NEC
1993	STAR ENTERPRISE	Gasoline Service Stations, NEC
1994	STAR ENTERPRISE	Gasoline Service Stations, NEC
1995	HURCHALLA CHARLES	Gasoline Service Stations, NEC
1996	HURCHALLA CHARLES	Gasoline Service Stations, NEC
1997	HURCHALLA CHARLES	Gasoline Service Stations, NEC
2000	P & N DISTRIBUTION INC	Gasoline Service Stations
2001	P & N DISTRIBUTION INC	Gasoline Service Stations
2002	P & N DISTRIBUTION INC	Gasoline Service Stations
2007	HURCHALLA CHARLES	Gasoline Service Stations, NEC
2008	HURCHALLA CHARLES	Gasoline Service Stations, NEC
2010	EXTON EAST COAST	Gasoline Service Stations
2011	EXTON EAST COAST	Gasoline Service Stations
2012	EXTON EAST COAST	Gasoline Service Stations
2013	EXTON EAST COAST	Gasoline Service Stations
2014	EXTON EAST COAST	Gasoline Service Stations

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B17**  
**East**  
**< 1/8**  
**0.044 mi.**  
**232 ft.**

**TEXACO 100317**  
**215 N POTTSTOWN PIKE**  
**EXTON, PA 19341**  
**Site 10 of 10 in cluster B**

**PA ARCHIVE UST**    **U001464601**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**310 ft.**

ARCHIVE UST:  
Name: TEXACO 100317  
Address: 215 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2209  
Facility Id: 15-21095  
Site ID: 696617  
Municipality: West Whiteland Twp  
Client Date: 310621  
Owner Id: Not reported  
Owner Name: SHELL OIL PROD US  
Owner Address: 20945 S WILMINGTON AVE  
Owner Address 2: Not reported  
Owner City,St,Zip: CARSON, CA 90810  
Owner Phone: Not reported  
Owner County Code: Not reported  
Resp Party Name: SHELL OIL PROD US  
RP Address: 20945 S WILMINGTON AVE  
RP Address 2: Not reported  
RP City,St,Zip: CARSON, CA 90810-1039  
Region Code Name: Not reported  
Regulated Expire Date: Not reported

Tank Sequence #: 001  
Tank Id: 621651  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 2000  
Substance: KERO  
Tank Substance End Date: Not reported  
Install Date: 12/01/1985  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 310621  
Chemical Name: SHELL OIL PROD US  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ROBERT RULE OWNER  
Company: Not reported

Tank Sequence #: 002  
Tank Id: 621652  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 10000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 12/01/1985  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 100317 (Continued)**

**U001464601**

Substance Type: Not reported  
CASRN for Hazardous Substances: 310621  
Chemical Name: SHELL OIL PROD US  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ROBERT RULE OWNER  
Company: Not reported

Tank Sequence #: 003  
Tank Id: 621653  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 10000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 12/01/1985  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 310621  
Chemical Name: SHELL OIL PROD US  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ROBERT RULE OWNER  
Company: Not reported

Tank Sequence #: 004  
Tank Id: 621654  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 10000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 12/01/1985  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 310621  
Chemical Name: SHELL OIL PROD US  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ROBERT RULE OWNER  
Company: Not reported

Tank Sequence #: 005  
Tank Id: 621655  
Status: Removed  
Status Code End Date: Not reported  
Capacity: 10000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 12/01/1985

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 100317 (Continued)**

**U001464601**

Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 310621  
Chemical Name: SHELL OIL PROD US  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: ROBERT RULE OWNER  
Company: Not reported

18  
SSE  
< 1/8  
0.053 mi.  
279 ft.

**TOWN CTR CLNR  
155 W LINCOLN HWY  
EAST WHITELAND, PA 19380**

**PA VCP S106983846  
PA ACT 2-DEED N/A**

**Relative:  
Lower  
Actual:  
311 ft.**

VCP:  
Name: TOWN CTR CLNR  
Address: 155 W LINCOLN HWY  
City,State,Zip: EAST WHITELAND, PA 19380  
Activity:  
Activity ID: 617495,  
Cleanup Records:  
Municipality: West Whiteland Twp  
Region: Southeast Region  
Category Desc: Chlorinated Solvents  
Type: Complete Sites  
LRP Activity Number: 1138  
Remediation: Statewide Health Standard  
Activity: NO  
Date Approved: 04/09/2004  
Date Received: Not reported  
Date Nonuse: Not reported  
ICS Code: Not reported  
Media: Groundwater  
Latitude: 40.030833  
Longitude: -75.631944

ACT 2-DEED:  
Region: 4100  
Municipality: West Whiteland  
Site Size: Not reported  
Cleanup Standard: Statewide Health  
Cleanup Indicator: Not reported  
Response Date: 4/9/2004  
Category Description: Chlorinated Solvents  
Land Designation Code: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D19**      **TOWNE CENTER CLNR/W WHITELAND**  
**SSW**      **201 W LINCOLN HWY # 33**  
**< 1/8**      **EXTON, PA 19341**  
**0.092 mi.**  
**488 ft.**      **Site 1 of 3 in cluster D**

**PA AIRS**      **S115920463**  
**PA DRYCLEANERS**      **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**301 ft.**

**AIRS:**  
 Name: TOWNE CENTER CLNR/W WHITELAND  
 Address: 201 W LINCOLN HWY # 33  
 City,State,Zip: EXTON, PA 19341-2618  
 Address 2: Not reported  
 Primary Facility ID: 638765  
 Contact Name: Not reported  
 Contact Phone: Not reported  
 Contact Email: Not reported  
 Status: Inactive  
 Region: Not reported  
 Site ID: 510839  
 Client ID: 210475  
 Client Name: TOWNE CTR CLNR  
 NAICS Code: 812320  
 Client Address: 201-33 LINCOLN HWY  
 Client Address 2: Not reported  
 Client City: EXTON  
 Client State: PA  
 Client Zip: 19341  
 Client Type: NON-GOVERNMENT  
 NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
 Permit Number: Not reported  
 Municipality: West Whiteland Twp  
 Authorization ID: Not reported  
 Authorization Type: Not reported  
 Application Type: Not reported  
 Received Date: Not reported  
 Issued Date: Not reported  
 Expiration Date: Not reported  
 Latitude: Not reported  
 Longitude: Not reported

**DRYCLEANERS:**  
 Name: TOWNE CENTER CLNR/W WHITELAND  
 Address: 201 W LINCOLN HWY # 33  
 City,State,Zip: EXTON, PA 19341-2618  
 Regional Office: 1  
 District Office: 12  
 County #: 15  
 Site Id: 510839  
 PF ID: 638765  
 EPA Compliance Data System #: 4202995026  
 EPA Class: Not reported  
 Get Sic: Not reported  
 Naics Number: 812320  
 AFS Id: Not reported  
 PF Other Id: 00-1200046-1  
 Municipality Name: West Whiteland Twp  
 Date Last Modified: 06/06/2003  
 Latitude Degrees: Not reported  
 Latitude Minutes: Not reported  
 Latitude Seconds: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TOWNE CENTER CLNR/W WHITELAND (Continued)**

**S115920463**

Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Clint ID:	210475
Regulatory Program:	MACT
Subpar:	Subpart M--National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities
Region:	Southeast Regional Office
Primary Facility Status:	Inactive
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Email:	Not reported
Client:	TOWNE CTR CLNR
Client Type:	Not reported
Client Address1:	201-33 LINCOLN HWY
Client Address2:	Not reported
Client City:	EXTON
Client State:	PA
Client Zip:	19341
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Latitude:	Not reported
Longitude:	Not reported

**D20**  
**SSW**  
 < 1/8  
 0.092 mi.  
 488 ft.

**TOWNE CENTER CLEANERS**  
**201 W LINCOLN HWY 33**  
**EXTON, PA 19341**  
 Site 2 of 3 in cluster D

**EDR Hist Cleaner**    **1020107665**  
 N/A

**Relative:**  
**Lower**

EDR Hist Cleaner

**Actual:**  
 301 ft.

Year:	Name:	Type:
1991	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1992	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1993	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1994	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1995	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1996	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1997	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1998	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
1999	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
2000	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
2001	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
2002	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	TOWNE CENTER CLEANERS	Drycleaning Plants, Except Rugs, NEC

**D21**  
**SSW**  
 < 1/8  
 0.092 mi.  
 488 ft.

**TOWN CENTER CLEANERS**  
**201 W LINCOLN HWY 33**  
**EXTON, PA 19341**  
 Site 3 of 3 in cluster D

**RCRA NonGen / NLR**    **1000447732**  
**PAD987285152**

**Relative:**  
**Lower**

RCRA Listings:

**Actual:**  
 301 ft.

Date Form Received by Agency:	20180620
Handler Name:	Town Center Cleaners
Handler Address:	201 W LINCOLN HWY 33

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TOWN CENTER CLEANERS (Continued)**

**1000447732**

Handler City,State,Zip:	EXTON, PA 19341
EPA ID:	PAD987285152
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	03
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Pa
State District:	1
Mailing Address:	Not reported
Mailing City,State,Zip:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180702

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOWN CENTER CLEANERS (Continued)**

**1000447732**

Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: No  
Manifest Broker: No  
Sub-Part P Indicator: No

**Hazardous Waste Summary:**

Waste Code: D018  
Waste Description: Benzene

Waste Code: F002  
Waste Description: 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 Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

**Handler - Owner Operator:**

Owner/Operator Indicator: Owner  
Owner/Operator Name: YOO CHONG\_KEUN  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: OWNERSTREET  
Owner/Operator City,State,Zip: OWNERCITY, AK 99999  
Owner/Operator Telephone: 215-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

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

**Historic Generators:**

Receive Date: 20010308  
Handler Name: TOWN CENTER CLEANERS  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOWN CENTER CLEANERS (Continued)**

**1000447732**

Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20140131  
Handler Name: TOWN CENTER CLEANERS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20140619  
Handler Name: TOWN CENTER CLEANERS  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20180620  
Handler Name: TOWN CENTER CLEANERS  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19900829  
Handler Name: TOWN CENTER CLEANERS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOWN CENTER CLEANERS (Continued)**

**1000447732**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81232  
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

NAICS Code: 812320  
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Has the Facility Received Notices of Violations:

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

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOWN CENTER CLEANERS (Continued)**

1000447732

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOWN CENTER CLEANERS (Continued)**

1000447732

SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20140128  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: JLH  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20010308  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20071228  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: JTL  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E22  
NE  
< 1/8  
0.118 mi.  
621 ft.

**DOLPHIN CLEANERS**  
133 E SWEDES FORD RD  
EXTON, PA 19341

EDR Hist Cleaner 1018899512  
N/A

Relative:  
Higher

EDR Hist Cleaner

Actual:  
327 ft.

Year: Name:  
1996 DOLPHIN CLEANERS  
1997 DOLPHIN CLEANERS

Type:  
Garment Pressing And Cleaners' Agents  
Garment Pressing And Cleaners' Agents

F23  
ESE  
1/8-1/4  
0.136 mi.  
716 ft.

**KMART STORE 3232**  
175 N POTTSTOWN PIKE  
EXTON, PA 19341

PA LUST S102604168  
PA MANIFEST N/A

Relative:  
Lower

LUST:

Actual:  
313 ft.

Name: K MART 3232  
Address: 175 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2224  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585932  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 09/16/1996  
Confirmed Date: 07/01/1992  
Program Other Id: 15-15287  
Client: SEARS HOLDINGS CORP  
Incident Id: 1158  
Incident Desc: K MART 3232  
Suspect Date: Not reported  
Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Fuel Oil No 2  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.031238  
Longitude: -75.630319

Name: K MART 3232  
Address: 175 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2224  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585932  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 09/16/1996  
Confirmed Date: 07/01/1992  
Program Other Id: 15-15287  
Client: SEARS HOLDINGS CORP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**S102604168**

Incident Id: 1158  
Incident Desc: K MART 3232  
Suspect Date: Not reported  
Source Of Notification: Not reported  
Release Discovered: Not reported  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Soil  
Substance: Fuel Oil No 2  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.031238  
Longitude: -75.630319

**Manifest Details:**

Year: 2015  
Manifest Number: 007322835FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 02/13/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: D001  
Container Number: 1  
Container Type: Burlap, cloth, paper or plastic bags  
Waste Quantity: 10  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2015  
Manifest Number: 006339825FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 05/07/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**S102604168**

TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 22  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2015  
Manifest Number: 006339825FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 05/07/2015  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: D001  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 22  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2015  
Manifest Number: 007322835FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 02/13/2015  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC  
TSD Facility Address: 2869 Sandstone Dr  
TSD Facility City: Hatfield  
TSD Facility State: PA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**S102604168**

Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 45  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: PAD085690592  
Date TSP Sig: Not reported

Year: 2014  
Manifest Number: 000630113WAS  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 11/05/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Heritage Environmental Services Inc  
TSD Facility Address: 7901 W Morris St  
TSD Facility City: Indianapolis  
TSD Facility State: IN  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 21  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: IND093219012  
Date TSP Sig: Not reported

Year: 2014  
Manifest Number: 005986522FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 03/19/2014  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Heritage Environmental Services Inc  
TSD Facility Address: 7901 W Morris St  
TSD Facility City: Indianapolis  
TSD Facility State: IN  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**S102604168**

Waste Number: D001  
Container Number: 1  
Container Type: Fiber or plastic boxes, cartons, cases  
Waste Quantity: 17  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: IND093219012  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 005746072FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 10/02/2012  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: HERITAGE ENVIRONMENTAL SERVICES INC  
TSD Facility Address: 7901 W MORRIS ST  
TSD Facility City: INDIANAPOLIS  
TSD Facility State: IN  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 12  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: IND093219012  
Date TSP Sig: Not reported

Year: 2012  
Manifest Number: 005746072FLE  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987357993  
Generator Date: 10/02/2012  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 215-363-1440  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: HERITAGE ENVIRONMENTAL SERVICES INC  
TSD Facility Address: 7901 W MORRIS ST  
TSD Facility City: INDIANAPOLIS  
TSD Facility State: IN  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 2  
Waste Number: P075  
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

**KMART STORE 3232 (Continued)**

**S102604168**

Waste Quantity: 4  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: IND093219012  
Date TSP Sig: Not reported

**F24  
ESE  
1/8-1/4  
0.136 mi.  
716 ft.**

**K MART 3232  
175 N POTTSTOWN PIKE  
EXTON, PA 19341**

**PA ARCHIVE UST S119697879  
N/A**

**Site 2 of 4 in cluster F**

**Relative:  
Lower**

ARCHIVE UST:

**Actual:  
313 ft.**

Name: K MART 3232  
Address: 175 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2224  
Facility Id: 15-15287  
Site ID: 446244  
Municipality: West Whiteland Twp  
Client Date: 63573  
Owner Id: Not reported  
Owner Name: K MART CORP  
Owner Address: 3100 W BIG BEAVER RD  
Owner Address 2: Not reported  
Owner City,St,Zip: TROY, MI 48084-3004  
Owner Phone: Not reported  
Owner County Code: Not reported  
Resp Party Name: SEARS HOLDINGS CORP  
RP Address: 3333 BEVERLY RD  
RP Address 2: Not reported  
RP City,St,Zip: HOFFMAN ESTATES, IL 60179  
Region Code Name: Not reported  
Regulated Expire Date: Not reported

Tank Sequence #: 001  
Tank Id: 621120  
Status: Closed  
Status Code End Date: Not reported  
Capacity: 1000  
Substance: USDOL  
Tank Substance End Date: Not reported  
Install Date: 12/01/1975  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 63573  
Chemical Name: SEARS HOLDINGS CORP  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: RON VAILLANCOURT ENV MGR  
Company: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F25**  
**ESE**  
**1/8-1/4**  
**0.136 mi.**  
**716 ft.**

**KMART STORE 3232**  
**175 N POTTSTOWN PIKE**  
**EXTON, PA 19341**

**Site 3 of 4 in cluster F**

**RCRA-VSQG** 1000571265  
**FINDS** PAD987357993  
**ECHO**

**Relative:**  
**Lower**

RCRA Listings:

**Actual:**  
**313 ft.**

Date Form Received by Agency:	20120724
Handler Name:	Kmart Store 3232
Handler Address:	175 N POTTSTOWN PIKE
Handler City,State,Zip:	EXTON, PA 19341-2224
EPA ID:	PAD987357993
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	03
Land Type:	Other
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Pa
State District:	1
Mailing Address:	Not reported
Mailing City,State,Zip:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**1000571265**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20120806
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D008
Waste Description:	Lead

Handler - Owner Operator:

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

Historic Generators:

Receive Date:	19961211
Handler Name:	K MART #3232
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20120724
Handler Name:	KMART STORE 3232

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**1000571265**

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19911119  
Handler Name: K MART #3232  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 45211  
NAICS Description: DEPARTMENT STORES

Has the Facility Received Notices of Violations:

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KMART STORE 3232 (Continued)**

**1000571265**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19921207
Actual Return to Compliance Date:	19930107
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KMART STORE 3232 (Continued)**

**1000571265**

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

**Evaluation Action Summary:**

Evaluation Date: 19930107  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19961211  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KMART STORE 3232 (Continued)**

**1000571265**

Evaluation Date:	19921207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PAJ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

**FINDS:**

Registry ID: 110004863087

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

Pennsylvania's Department of Environmental Protection's (DEP) Environmental, Facility, Application, and Compliance Tracking System (PA-EFACTS) is a department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates. The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

**ECHO:**

Envid:	1000571265
Registry ID:	110004863087
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110004863087">http://echo.epa.gov/detailed-facility-report?fid=110004863087</a>
Name:	KMART STORE 3232
Address:	175 N POTTSTOWN PIKE
City,State,Zip:	EXTON, PA 19341

**F26**  
**ESE**  
**1/8-1/4**  
**0.136 mi.**  
**716 ft.**

**PENSKE AUTO CTR**  
**175 N POTTSTOWN SEC B**  
**EXTON, PA 19341**  
**Site 4 of 4 in cluster F**

**RCRA-VSQG** **1001128173**  
**FINDS** **PAR000014753**  
**ECHO**  
**NY MANIFEST**

**Relative:**  
**Lower**  
**Actual:**  
**313 ft.**

RCRA Listings:  
 Date Form Received by Agency: 19951207  
 Handler Name: Penske Auto Ctr  
 Handler Address: 175 N POTTSTOWN SEC B  
 Handler City,State,Zip: EXTON, PA 19341  
 EPA ID: PAR000014753  
 Contact Name: DAVID TATUM  
 Contact Address: 3270 W BIG BEAVER RD  
 Contact City,State,Zip: TROY, MI 18084-3163  
 Contact Telephone: 810-643-5171

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	03
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Pa
State District:	1
Mailing Address:	3270 W BIG BEAVER RD
Mailing City,State,Zip:	TROY, MI 18084-3163
Owner Name:	Penske Auto Ctr Inc
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Sub-Part P Indicator: No

**Hazardous Waste Summary:**

Waste Code: D001  
Waste Description: Ignitable Waste

Waste Code: D018  
Waste Description: Benzene

Waste Code: D039  
Waste Description: Tetrachloroethylene

**Handler - Owner Operator:**

Owner/Operator Indicator: Owner  
Owner/Operator Name: WHITELAND HOLDINGS LIP  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 10275 LITTLE PATUXENT  
Owner/Operator City,State,Zip: COLUMBIA, MD 21044  
Owner/Operator Telephone: 215-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: PENSKE AUTO CTR INC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 3270 W BIG BEAVER RD  
Owner/Operator City,State,Zip: TROY, MI 48084-3163  
Owner/Operator Telephone: 810-614-1116  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Historic Generators:**

Receive Date: 19951207  
Handler Name: PENSKE AUTO CTR  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

**List of NAICS Codes and Descriptions:**

NAICS Code: 811111  
NAICS Description: GENERAL AUTOMOTIVE REPAIR



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Has the Facility Received Notices of Violations:

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

Evaluation Action Summary:

Evaluation Date:	19961211
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	PAJ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110000991990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid: 1001128173  
Registry ID: 110000991990  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000991990>  
Name: PENSKE AUTO CTR  
Address: 175 N POTTSTOWN SEC B  
City,State,Zip: EXTON, PA 19341

Manifest Facility Information:

EPA ID: PAR000014753  
Country: USA  
Name: PENSKE AUTO CENTER 3232  
Address: 175 N POTTSTOWN SEC B  
Address 2: Not reported  
City,State,Zip: EXTON, PA 19341  
Zip 4: Not reported  
Location Address 1: 175 NORTH POTTSTOWN  
Location Address 2: Not reported  
Location City,State,Zip: EXTON, PA 19341  
Location Zip 4: Not reported  
Facility Status: Not reported  
Total Tanks: Not reported  
Code: BP

Mailing:

Mailing Name: PENSKE AUTO CENTER 3232  
Mailing Contact: PENSKE AUTO CENTER 3232  
Mailing Address 1: 175 NORTH POTTSTOWN  
Mailing Address 2: Not reported  
Mailing City,State,Zip: EXTON, PA 19341  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 6103631440

Manifest Data:

Document ID: NYC4679561  
Manifest Status: Not reported  
Trans1 State ID: PAYM81642  
Year: 1997  
Trans2 State ID: Not reported  
Generator Ship Date: 03/27/1997  
Trans1 Recv Date: 03/27/1997  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/08/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

1001128173

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAR000014753
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	01.00
Document ID:	NYC4406793
Manifest Status:	Not reported
Trans1 State ID:	PAYM81642
Year:	1997
Trans2 State ID:	Not reported
Generator Ship Date:	01/03/1997
Trans1 Recv Date:	01/03/1997
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/10/1997
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAR000014753
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Alt Facility RCRA ID: Not reported  
Alt Facility Sign Date: Not reported  
MGMT Method Type Code: Not reported  
Waste Code 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Recycle  
Specific Gravity: 01.00

Document ID: NYC4255942  
Manifest Status: Not reported  
Trans1 State ID: PAYY02967  
Year: 1998  
Trans2 State ID: T748NYNJ  
Generator Ship Date: 10/21/1998  
Trans1 Recv Date: 10/21/1998  
Trans2 Recv Date: 10/29/1998  
TSD Site Recv Date: 11/03/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAR000014753  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: SCD987574647  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Document ID: NYC4121526  
Manifest Status: Not reported  
Trans1 State ID: PA30531CA  
Year: 1996  
Trans2 State ID: Not reported  
Generator Ship Date: 10/07/1996  
Trans1 Recv Date: 10/07/1996  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/11/1996  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAR000014753  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Recycle  
Specific Gravity: 01.00

Document ID: NYC5001928  
Manifest Status: Not reported  
Trans1 State ID: PAYR61036  
Year: 1998  
Trans2 State ID: Not reported  
Generator Ship Date: 02/26/1998  
Trans1 Recv Date: 02/26/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 03/06/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAR000014753  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

1001128173

Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4860720  
Manifest Status: Not reported  
Trans1 State ID: PAYY02967  
Year: 1997  
Trans2 State ID: Not reported  
Generator Ship Date: 09/05/1997  
Trans1 Recv Date: 09/05/1997  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 09/12/1997  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAR000014753  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000708198  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

1001128173

Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC5568208  
Manifest Status: Not reported  
Trans1 State ID: YP16424PA  
Year: 1999  
Trans2 State ID: Not reported  
Generator Ship Date: 03/11/1999  
Trans1 Recv Date: 03/11/1999  
Trans2 Recv Date: 03/16/1999  
TSD Site Recv Date: 03/19/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAR000014753  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: SCD987574647  
TSDF ID 1: NYD000708198  
TSDF ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: TETRACHLOROETHYLENE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00005  
Units: Gallons (liquids only)  
Number of Containers: 001  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00

Document ID: NYC4898384  
Manifest Status: Not reported  
Trans1 State ID: PAYV03245  
Year: 1997  
Trans2 State ID: Not reported  
Generator Ship Date: 11/26/1997  
Trans1 Recv Date: 11/26/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

1001128173

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/09/1997
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAR000014753
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	01.00
Document ID:	NYC4193370
Manifest Status:	Not reported
Trans1 State ID:	PA30531CA
Year:	1996
Trans2 State ID:	Not reported
Generator Ship Date:	07/23/1996
Trans1 Recv Date:	07/23/1996
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/01/1996
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAR000014753
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	01.00
Document ID:	NYC5987608
Manifest Status:	Not reported
Trans1 State ID:	PAYV02967
Year:	1999
Trans2 State ID:	T162VW
Generator Ship Date:	11/15/1999
Trans1 Recv Date:	11/15/1999
Trans2 Recv Date:	11/17/1999
TSD Site Recv Date:	11/24/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAR000014753
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	SCD987574647
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PENSKE AUTO CTR (Continued)**

**1001128173**

Specific Gravity:	01.00
Document ID:	NYC5846400
Manifest Status:	Not reported
Trans1 State ID:	PAYY02967
Year:	1999
Trans2 State ID:	PAAH0271
Generator Ship Date:	07/12/1999
Trans1 Recv Date:	07/12/1999
Trans2 Recv Date:	07/29/1999
TSD Site Recv Date:	07/30/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAR000014753
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	SCD987574647
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	TETRACHLOROETHYLENE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	01.00

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

**E27**  
**NE**  
**1/8-1/4**  
**0.136 mi.**  
**720 ft.**

**FAIRFIELD CLNRS**  
**143 E SWEDES FORD RD**  
**EXTON, PA 19341**  
**Site 2 of 3 in cluster E**

**PA VCP** **S106935389**  
**PA AIRS** **N/A**  
**PA DRYCLEANERS**

**Relative:**  
**Higher**  
**Actual:**  
**326 ft.**

VCP:  
 Name: FAIRFIELD CLNRS  
 Address: 143 E SWEDES FORD RD  
 City,State,Zip: EXTON, PA 19341

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRFIELD CLNRS (Continued)**

**S106935389**

Cleanup Records:

Municipality: West Whiteland Twp  
Region: Southeast Region  
Category Desc: Chlorinated Solvents  
Type: Complete Sites  
LRP Activity Number: 53932  
Remediation: Statewide Health Standard  
Activity: NO  
Date Approved: 06/01/2021  
Date Received: Not reported  
Date Nonuse: Not reported  
ICS Code: Not reported  
Media: Soil  
Latitude: 40.0348  
Longitude: -75.627238

Name: FAIRFIELD CLNRS  
Address: 143 E SWEDES FORD RD  
City,State,Zip: EXTON, PA 19341

Activity:

Activity ID: 837719, 837719,  
Municipality: West Whiteland Twp  
Region: Southeast Region  
Category Desc: Chlorinated Solvents  
Type: Complete Sites  
LRP Activity Number: 53932  
Remediation: Statewide Health Standard  
Activity: NO  
Date Approved: 06/01/2021  
Date Received: Not reported  
Date Nonuse: Not reported  
ICS Code: Not reported  
Media: Groundwater  
Latitude: 40.0348  
Longitude: -75.627238

AIRS:

Name: FAIRFIELD CLNR/ WEST WHITELAND  
Address: 143 E SWEDES FORD RD  
City,State,Zip: EXTON, PA 19341-2334  
Address 2: Not reported  
Primary Facility ID: 639339  
Contact Name: Not reported  
Contact Phone: Not reported  
Contact Email: Not reported  
Status: Active  
Region: Not reported  
Site ID: 618782  
Client ID: 211056  
Client Name: FAIRFIELD CLNR  
NAICS Code: 812320  
Client Address: 143 E SWEDES FORD RD  
Client Address 2: Not reported  
Client City: EXTON  
Client State: PA  
Client Zip: 19341-2334

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRFIELD CLNRS (Continued)**

**S106935389**

Client Type: NON-GOVERNMENT  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
Permit Number: Not reported  
Municipality: West Whiteland Twp  
Authorization ID: Not reported  
Authorization Type: Not reported  
Application Type: Not reported  
Received Date: Not reported  
Issued Date: Not reported  
Expiration Date: Not reported  
Latitude: Not reported  
Longitude: Not reported

**DRYCLEANERS:**

Name: FAIRFIELD CLNR/ WEST WHITELAND  
Address: 143 E SWEDES FORD RD  
City, State, Zip: EXTON, PA 19341-2334  
Regional Office: 1  
District Office: 12  
County #: 15  
Site Id: 618782  
PF ID: 639339  
EPA Compliance Data System #: 4202995047  
EPA Class: Not reported  
Get Sic: Not reported  
Naics Number: 812320  
AFS Id: Not reported  
PF Other Id: 00-1200114-1  
Municipality Name: West Whiteland Twp  
Date Last Modified: 07/19/2007  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Clint ID: 211056  
Regulatory Program: MACT  
Subpar: Subpart M--National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities  
Region: Southeast Regional Office  
Primary Facility Status: Active  
Contact Name: Not reported  
Contact Phone: Not reported  
Contact Email: Not reported  
Client: FAIRFIELD CLNR  
Client Type: Not reported  
Client Address1: 143 E SWEDES FORD RD  
Client Address2: Not reported  
Client City: EXTON  
Client State: PA  
Client Zip: 19341-2334  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
Latitude: Not reported  
Longitude: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E28**  
**NE**  
**1/8-1/4**  
**0.136 mi.**  
**720 ft.**

**SUPERIOR CLEANERS OF EXTON**  
**143 E SWEDESFORD ROAD**  
**EXTON, PA 19341**

**Site 3 of 3 in cluster E**

**RCRA NonGen / NLR**  
**US AIRS**  
**FINDS**  
**ECHO**  
**PA MANIFEST**

**1000459386**  
**PAD987328085**

**Relative:**  
**Higher**  
**Actual:**  
**326 ft.**

RCRA Listings:  
 Date Form Received by Agency: 19960820  
 Handler Name: Fairfield Clnrs  
 Handler Address: 143 E SWEDESFORD RD  
 Handler City,State,Zip: EXTON, PA 19341  
 EPA ID: PAD987328085  
 Contact Name: Not reported  
 Contact Address: Not reported  
 Contact City,State,Zip: Not reported  
 Contact Telephone: Not reported  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 03  
 Land Type: Private  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: Pa  
 State District: 1  
 Mailing Address: 143 E SWEDESFORD RD  
 Mailing City,State,Zip: EXTON, PA 19341  
 Owner Name: Not reported  
 Owner Type: Not reported  
 Operator Name: Opername  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site State-Reg Handler: ---  
 Federal Facility Indicator: Not reported  
 Hazardous Secondary Material Indicator: NN  
 Sub-Part K Indicator: Not reported  
 2018 GPRC Permit Baseline: Not on the Baseline  
 2018 GPRC Renewals Baseline: Not on the Baseline  
 202 GPRC Corrective Action Baseline: No  
 Subject to Corrective Action Universe: No  
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No  
 Corrective Action Priority Ranking: No NCAPS ranking  
 Environmental Control Indicator: No  
 Institutional Control Indicator: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001  
Waste Description: Ignitable Waste

Waste Code: D007  
Waste Description: Chromium

Waste Code: D008  
Waste Description: Lead

Waste Code: D039  
Waste Description: Tetrachloroethylene

Waste Code: D040  
Waste Description: Trichloroethylene

Waste Code: F002  
Waste Description: 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 Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FINLEY JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	362 DONORIO DR
Owner/Operator City,State,Zip:	EXTON, PA 19341
Owner/Operator Telephone:	610-873-2983
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

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

Historic Generators:

Receive Date:	19960820
Handler Name: FAIRFIELD CLNRS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19910129
Handler Name: FAIRFIELD CLNRS	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Pa
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

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

**Evaluation Action Summary:**

Evaluation Date: 19960820  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**US AIRS MINOR:**

Envid: 1000459386  
Region Code: 03  
Programmatic ID: AIR PA0000004202995028  
Facility Registry ID: 110001216309  
D and B Number: Not reported  
Primary SIC Code: 7216  
NAICS Code: 812320  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: POF  
Air CMS Category Code: Not reported  
HPV Status: Not reported

Envid: 1000459386  
Region Code: 03



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
D and B Number: Not reported  
Primary SIC Code: 7216  
NAICS Code: 812320  
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 PA000639339  
Facility Registry ID: 110001216309  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2000-06-26 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2001-07-30 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2013-03-05 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2013-03-22 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2014-08-21 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2015-08-19 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
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: 2000-06-26 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
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: 2001-07-30 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
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: 2013-03-05 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
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: 2013-03-22 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
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: 2014-08-21 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 03  
Programmatic ID: AIR PA000639339  
Facility Registry ID: 110001216309  
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: 2015-08-19 00:00:00  
Activity Status Date: 2016-02-11 00:00:00  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

**FINDS:**

Registry ID: 110001216309

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

Pennsylvania's Department of Environmental Protection's (DEP) Environmental, Facility, Application, and Compliance Tracking System (PA-EFACTS) is a department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates. The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies. ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

pollution agencies.

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

**ECHO:**

Envid: 1000459386  
Registry ID: 110001216309  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001216309>  
Name: FAIRFIELD CLNR/ WEST WHITELAND  
Address: 143 E SWEDES FORD ROAD  
City,State,Zip: EXTON, PA 19341

**Manifest Details:**

Year: 2006  
Manifest Number: PAH232108  
Manifest Type: D  
Generator EPA Id: PAD987328085  
Generator Date: 02/06/2006  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD000738849  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: GREENHILL RD  
TSD Facility City: WEST CHESTER  
TSD Facility State: PA  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 160  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: PAH232108  
Manifest Type: D  
Generator EPA Id: PAD987328085  
Generator Date: 02/06/2006  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD000738849

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: GREENHILL RD  
TSD Facility City: WEST CHESTER  
TSD Facility State: PA  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 2  
Waste Number: D039  
Container Number: 2  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 120  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: 001303235JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987328085  
Generator Date: 11/14/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: CNRRR8381PLA  
TSD Date: Not reported  
TSD Facility Name: SERVICES SANITAIRES DE RECYCLAGE EXPERTS INC  
TSD Facility Address: 8381 PLACE MARIEN  
TSD Facility City: MONTREAL EST QUEBEC  
TSD Facility State: CN  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 2  
Waste Number: F002  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 260  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: 001303235JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987328085  
Generator Date: 11/14/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: CNRRR8381PLA  
TSD Date: Not reported  
TSD Facility Name: SERVICES SANITAIRES DE RECYCLAGE EXPERTS INC  
TSD Facility Address: 8381 PLACE MARIEN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

TSD Facility City: MONTREAL EST QUEBEC  
TSD Facility State: CN  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 1  
Waste Number: D039  
Container Number: 6  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 360  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: PAH232108  
Manifest Type: D  
Generator EPA Id: PAD987328085  
Generator Date: 02/06/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD000738849  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: GREENHILL RD  
TSD Facility City: WEST CHESTER  
TSD Facility State: PA  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 2  
Waste Number: F002  
Container Number: 2  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 120  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: 001303235JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987328085  
Generator Date: 11/14/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: CNRRR8381PLA  
TSD Date: Not reported  
TSD Facility Name: SERVICES SANITAIRES DE RECYCLAGE EXPERTS INC  
TSD Facility Address: 8381 PLACE MARIEN  
TSD Facility City: MONTREAL EST QUEBEC  
TSD Facility State: CN  
Facility Telephone: 215-594-9588

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

Page Number: 1  
Line Number: 2  
Waste Number: D039  
Container Number: 2  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 260  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: PAH232108  
Manifest Type: D  
Generator EPA Id: PAD987328085  
Generator Date: 02/06/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD000738849  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: GREENHILL RD  
TSD Facility City: WEST CHESTER  
TSD Facility State: PA  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 2  
Waste Number: D007  
Container Number: 2  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 120  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: 001303235JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAD987328085  
Generator Date: 11/14/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: CNRRR8381PLA  
TSD Date: Not reported  
TSD Facility Name: SERVICES SANITAIRES DE RECYCLAGE EXPERTS INC  
TSD Facility Address: 8381 PLACE MARIEN  
TSD Facility City: MONTREAL EST QUEBEC  
TSD Facility State: CN  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 1  
Waste Number: F002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

Container Number: 6  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 360  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: PAH232108  
Manifest Type: D  
Generator EPA Id: PAD987328085  
Generator Date: 02/06/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD000738849  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: GREENHILL RD  
TSD Facility City: WEST CHESTER  
TSD Facility State: PA  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 1  
Waste Number: D007  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 160  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

Year: 2006  
Manifest Number: PAH232108  
Manifest Type: D  
Generator EPA Id: PAD987328085  
Generator Date: 02/06/2006  
Mailing Address: Not reported  
Mailing City, St, Zip: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
TSD EPA Id: PAD000738849  
TSD Date: Not reported  
TSD Facility Name: SAFETY KLEEN SYSTEMS INC  
TSD Facility Address: GREENHILL RD  
TSD Facility City: WEST CHESTER  
TSD Facility State: PA  
Facility Telephone: 215-594-9588  
Page Number: 1  
Line Number: 1  
Waste Number: F002  
Container Number: 1  
Container Type: Fiberboard or plastic drums, barrels, kegs  
Waste Quantity: 160



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR CLEANERS OF EXTON (Continued)**

**1000459386**

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

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

**29**  
**South**  
**1/8-1/4**  
**0.233 mi.**  
**1229 ft.**

**NEAL ORE BANK**  
**CHESTER (County), PA**

**MINES MRDS 1025575548**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**309 ft.**

**MINES MRDS:**  
 Name: NEAL ORE BANK  
 Address: Not reported  
 Deposit identification Number: 10083521  
 City,State,Zip: PENNSYLVANIA  
 URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10083521  
 MRDS Identification Number: W100295  
 MAS/MILS Identification Number: Not reported  
 Region: NA  
 Country: United States  
 Primary Commodities: Iron  
 Secondary Commodities: Not reported  
 Tertiary Commodities: Not reported  
 Operation Type: Unknown  
 Deposit Type: Residual  
 Production Size: S - Small amount of material produced (we do not know what criteria are used to make this determination)  
 Development Status: Past Producer  
 Ore Minerals or Materials: Limonite  
 Gangue Minerals or Materials: Not reported  
 Other Minerals or Materials: Not reported  
 Ore Body Form: Not reported  
 Workings Type: Not reported  
 Mineral Deposit Model: Not reported  
 Alteration Processes: Not reported  
 Concentration Processes: Not reported  
 Previous Names: Not reported  
 Ore Controls: Not reported  
 Reporter: Whitlow, S.  
 Host Rock Unit Name: Not reported  
 Host Rock Type: Not reported  
 Associated Rock Unit Name: Not reported  
 Associated Rock Type Code: Not reported  
 Structural Characteristics: Not reported  
 Tectonic Setting: Not reported  
 References: Not reported  
 First Production Year: Not reported  
 Began Before/After FPY: Not reported  
 Last Production Year: Not reported  
 Ended Before/After LPY: Not reported  
 Year Discovered: Not reported  
 Found Before/After YD: Not reported  
 Production History: Not reported  
 Discovery Information: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NEAL ORE BANK (Continued)

1025575548

Latitude: 40.02779  
Longitude: -75.63296

G30  
SE  
1/8-1/4  
0.236 mi.  
1248 ft.

CUMBERLAND FARMS 3733  
102 N POTTSTOWN PIKE  
EXTON, PA 19341  
Site 1 of 8 in cluster G

PA LUST S109611453  
N/A

Relative:  
Lower

LUST:

Actual:  
309 ft.

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 71-43-2  
Chemical: BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 98-82-8  
Chemical: CUMENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 100-41-4  
Chemical: ETHYL BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 1634-04-4  
Chemical: METHYL TERT-BUTYL ETHER (MTBE)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 91-20-3  
Chemical: NAPHTHALENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 108-88-3  
Chemical: TOLUENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 1330-20-7  
Chemical: XYLENES (TOTAL)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 71-43-2  
Chemical: BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 98-82-8  
Chemical: CUMENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 100-41-4  
Chemical: ETHYL BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum

**Facility Status: Interim or Remedial Actions Initiated**

Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 1634-04-4  
Chemical: METHYL TERT-BUTYL ETHER (MTBE)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum

**Facility Status: Interim or Remedial Actions Initiated**

Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 91-20-3  
Chemical: NAPHTHALENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083  
Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 108-88-3  
Chemical: TOLUENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

Name: CUMBERLAND FARMS 3733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585844  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Interim or Remedial Actions Initiated**  
Status Date: 07/15/2019  
Confirmed Date: 12/12/1995  
Program Other Id: 15-09145  
Client: CUMBERLAND FARMS INC  
Incident Id: 1083



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S109611453**

Incident Desc: NOC  
Suspect Date: 10/23/1995  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: TANK  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: 1330-20-7  
Chemical: XYLENES (TOTAL)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.028056  
Longitude: -75.628333

**G31**  
**SE**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**AMERADA HESS CORP\_#38307**  
**108 N POTTSTOWN PIKE**  
**EXTON, PA 19341**  
**Site 2 of 8 in cluster G**

**NJ MANIFEST** **S120679267**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**309 ft.**

Facility Info:  
EPA ID: PAR000032615  
Name: AMERADA HESS CORP\_#38307  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341  
County: Not reported  
Mailing Address: 1 HESS PLAZA, WB-MHR  
Mailing City,State,Zip: WOODBRIDGE 07095  
Telephone: 7327506000  
Emergency Telephone: Not reported  
Contact: STANLEY TUNNELL  
Comments: Not reported  
SIC Code: Not reported  
County: 00  
Municipal: 00  
Previous EPAID: Not reported  
Generator Flag: X  
Transporter Flag: Not reported  
TSDF Flag: Not reported  
Name Change: Not reported  
Date Change: Not reported  
  
Manifest Data:  
EPA ID: PAR000032615  
Manifest Number: 014689354JJK  
Date Shipped: 9/1/2015  
TSDF EPA ID: NJD002200046  
Transporter EPA ID: NJ0000027193  
Transporter 2 EPA ID: Not reported  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 9 EPA ID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERADA HESS CORP\_#38307 (Continued)**

**S120679267**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

**G32**  
**SE**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**HESS STA 38307**  
**108 N POTTSTOWN PIKE**  
**EXTON, PA 19341**  
**Site 3 of 8 in cluster G**

**RCRA-VSQQ 1004777650**  
**FINDS PAR000032615**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**309 ft.**

RCRA Listings:	
Date Form Received by Agency:	20160523
Handler Name:	Speedway 6734
Handler Address:	108 N POTTSTOWN PIKE
Handler City,State,Zip:	EXTON, PA 19341
EPA ID:	PAR000032615
Contact Name:	CHARLES A BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	Not reported
EPA Region:	03
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Pa
State District:	1
Mailing Address:	PO BOX 1500

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HESS STA 38307 (Continued)**

**1004777650**

Mailing City,State,Zip:	SPRINGFIELD, OH 45501
Owner Name:	Speedway Llc
Owner Type:	Private
Operator Name:	Speedway Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160606
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
---------------------------	-------

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HESS STA 38307 (Continued)**

**1004777650**

Owner/Operator Name: AMERADA HESS CORP  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1 HESS PLZ  
Owner/Operator City,State,Zip: WOODBRIDGE, NJ 07095  
Owner/Operator Telephone: 732-750-6000  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: HESS CORP  
Legal Status: Private  
Date Became Current: 19831101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: SPEEDWAY LLC  
Legal Status: Private  
Date Became Current: 20141001  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SPEEDWAY LLC  
Legal Status: Private  
Date Became Current: 20141001  
Date Ended Current: Not reported  
Owner/Operator Address: PO BOX 1500  
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: HESS CORP  
Legal Status: Private  
Date Became Current: 19831101  
Date Ended Current: Not reported  
Owner/Operator Address: 1 HESS PLZ  
Owner/Operator City,State,Zip: WOODBRIDGE, NJ 07095  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HESS STA 38307 (Continued)**

**1004777650**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19980114  
Handler Name: HESS STA 38307  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20061107  
Handler Name: HESS STA 38307  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20160523  
Handler Name: SPEEDWAY 6734  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

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

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110000994808

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HESS STA 38307 (Continued)**

**1004777650**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

Pennsylvania's Department of Environmental Protection's (DEP) Environmental, Facility, Application, and Compliance Tracking System (PA-EFACTS) is a department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates. The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid: 1004777650  
 Registry ID: 110000994808  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000994808>  
 Name: HESS STA 38307  
 Address: 108 N POTTSTOWN PIKE  
 City,State,Zip: EXTON, PA 19341

**G33  
 SE  
 1/8-1/4  
 0.236 mi.  
 1248 ft.**

**CUMBERLAND FARMS 3733  
 102 N POTTSTOWN PIKE  
 EXTON, PA 19341**

**PA ARCHIVE UST S111109246  
 N/A**

**Site 4 of 8 in cluster G**

**Relative:  
 Lower  
 Actual:  
 309 ft.**

ARCHIVE UST:

Name: CUMBERLAND FARMS 3733  
 Address: 102 N POTTSTOWN PIKE  
 City,State,Zip: EXTON, PA 19341-2206  
 Facility Id: 15-09145  
 Site ID: 569537  
 Municipality: West Whiteland Twp  
 Client Date: 78848  
 Owner Id: Not reported  
 Owner Name: CUMBERLAND FARMS INC  
 Owner Address: 100 CROSSING BLVD  
 Owner Address 2: Not reported  
 Owner City,St,Zip: FRAMINGHAM, MA 01702-5401  
 Owner Phone: Not reported  
 Owner County Code: Not reported  
 Resp Party Name: CUMBERLAND FARMS INC  
 RP Address: 100 CROSSING BLVD  
 RP Address 2: Not reported  
 RP City,St,Zip: FRAMINGHAM, MA 01702-5401  
 Region Code Name: Not reported  
 Regulated Expire Date: Not reported

Tank Sequence #: 001  
 Tank Id: 620647  
 Status: Closed  
 Status Code End Date: Not reported  
 Capacity: 10000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S111109246**

Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 11/01/1970  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 78848  
Chemical Name: CUMBERLAND FARMS INC  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: PAUL DANDRADE ENV ENGR  
Company: Not reported

Tank Sequence #: 002  
Tank Id: 620648  
Status: Closed  
Status Code End Date: Not reported  
Capacity: 10000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 11/01/1970  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 78848  
Chemical Name: CUMBERLAND FARMS INC  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: PAUL DANDRADE ENV ENGR  
Company: Not reported

Tank Sequence #: 003  
Tank Id: 620649  
Status: Closed  
Status Code End Date: Not reported  
Capacity: 10000  
Substance: GAS  
Tank Substance End Date: Not reported  
Install Date: 11/01/1970  
Tank Code: UST  
Inspection Code: Not reported  
Last Inspection: Not reported  
Substance Type: Not reported  
CASRN for Hazardous Substances: 78848  
Chemical Name: CUMBERLAND FARMS INC  
Other Information Regarding The Tank Substance: Not reported  
Undeliverable Address Ind.: N  
Contact Name: PAUL DANDRADE ENV ENGR  
Company: Not reported

Tank Sequence #: 004  
Tank Id: 620650

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CUMBERLAND FARMS 3733 (Continued)**

**S111109246**

Status:	Closed
Status Code End Date:	Not reported
Capacity:	550
Substance:	USDOL
Tank Substance End Date:	Not reported
Install Date:	08/01/1972
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	78848
Chemical Name:	CUMBERLAND FARMS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	PAUL DANDRADE ENV ENGR
Company:	Not reported

**G34**  
**SE**  
 1/8-1/4  
 0.236 mi.  
 1248 ft.

**SPEEDWAY 6734**  
**108 N POTTSTOWN PIKE**  
**EXTON, PA 19341**  
**Site 5 of 8 in cluster G**

**PA LUST U001455945**  
**PA UST N/A**

**Relative:**  
**Lower**  
**Actual:**  
**309 ft.**

**LUST:**

Name:	SPEEDWAY 6734
Address:	108 N POTTSTOWN PIKE
City,State,Zip:	EXTON, PA 19341-2206
Region:	EP SE Rgnl Off Norristown
Municipality:	West Whiteland Twp
Facility Id:	586066
Facility Type:	Underground Storage Tank Containing Petroleum
<b>Facility Status:</b>	<b>Cleanup Completed</b>
Status Date:	05/26/2006
Confirmed Date:	07/18/1991
Program Other Id:	15-23144
Client:	SPEEDWAY LLC
Incident Id:	1153
Incident Desc:	15-23144 HESS 38307
Suspect Date:	Not reported
Source Of Notification:	OWNER
Release Discovered:	VISOD
Source Cause Of Release:	Not reported
Tank:	Not reported
Impact Desc:	Ground Water
Substance:	Unleaded Gasoline
CAS RN:	71-43-2
Chemical:	BENZENE
Comments:	Not reported
Horizontal Ref Datum:	WGS84
Altitude Datum:	Not reported
Latitude:	40.029617
Longitude:	-75.629833

Name:	SPEEDWAY 6734
Address:	108 N POTTSTOWN PIKE
City,State,Zip:	EXTON, PA 19341-2206
Region:	EP SE Rgnl Off Norristown
Municipality:	West Whiteland Twp



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY 6734 (Continued)**

**U001455945**

Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 05/26/2006  
Confirmed Date: 07/18/1991  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 1153  
Incident Desc: 15-23144 HESS 38307  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: VISOD  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 98-82-8  
Chemical: CUMENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 05/26/2006  
Confirmed Date: 07/18/1991  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 1153  
Incident Desc: 15-23144 HESS 38307  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: VISOD  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 100-41-4  
Chemical: ETHYL BENZENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY 6734 (Continued)**

**U001455945**

Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 05/26/2006  
Confirmed Date: 07/18/1991  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 1153  
Incident Desc: 15-23144 HESS 38307  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: VISOD  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 1634-04-4  
Chemical: METHYL TERT-BUTYL ETHER (MTBE)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 05/26/2006  
Confirmed Date: 07/18/1991  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 1153  
Incident Desc: 15-23144 HESS 38307  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: VISOD  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 91-20-3  
Chemical: NAPHTHALENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY 6734 (Continued)**

**U001455945**

Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 05/26/2006  
Confirmed Date: 07/18/1991  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 1153  
Incident Desc: 15-23144 HESS 38307  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: VISOD  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 108-88-3  
Chemical: TOLUENE  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 05/26/2006  
Confirmed Date: 07/18/1991  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 1153  
Incident Desc: 15-23144 HESS 38307  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: VISOD  
Source Cause Of Release: Not reported  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: 1330-20-7  
Chemical: XYLENES (TOTAL)  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY 6734 (Continued)**

**U001455945**

City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 08/25/2006  
Confirmed Date: 08/07/2006  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 36919  
Incident Desc: NOC  
Suspect Date: 08/07/2006  
Source Of Notification: OWNER  
Release Discovered: TTEST  
Source Cause Of Release: PUST  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586066  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 10/14/2022  
Confirmed Date: 11/15/2021  
Program Other Id: 15-23144  
Client: SPEEDWAY LLC  
Incident Id: 57036  
Incident Desc: NOC  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: LD  
Source Cause Of Release: PUST  
Tank: Not reported  
Impact Desc: Release to Containment - Unknown Impact  
Substance: Diesel Fuel  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.029617  
Longitude: -75.629833

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY 6734 (Continued)**

**U001455945**

UST:

Name: SPEEDWAY 6734  
Address: 108 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Site ID: 505452  
Other Id: 15-23144  
Client Id Number: 133896  
Municipality Name: West Whiteland  
Region: EP SE Rgnl Off Norristown  
Mailing Name: SPEEDWAY LLC  
Mailing Address: 500 SPEEDWAY DR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: ENON, OH 45323-1056  
Registration Expiration Date: 02/04/2024

Tank Seq No: 1  
**Tank Status:** **Currently In Use**  
Capacity: 10000  
Substance: Diesel Fuel  
Date Installed: 11/01/1983  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 01/05/2021  
Decode for Tstatus: Currently In Use  
Decode for Substance: Diesel Fuel

Tank Seq No: 2  
**Tank Status:** **Currently In Use**  
Capacity: 10000  
Substance: Gasoline  
Date Installed: 11/01/1983  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 01/05/2021  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 3  
**Tank Status:** **Currently In Use**  
Capacity: 10000  
Substance: Gasoline  
Date Installed: 11/01/1983  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 01/05/2021  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 4  
**Tank Status:** **Currently In Use**  
Capacity: 10000  
Substance: Gasoline  
Date Installed: 11/01/1983  
Tank Code: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY 6734 (Continued)**

**U001455945**

Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 01/05/2021  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

**G35**  
**SE**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**HESS STATION 38307**  
**108 N POTTSTOWN PK**  
**EXTON, PA 19341**

**PA MANIFEST** **S118890083**  
**N/A**

**Site 6 of 8 in cluster G**

**Relative:**  
**Lower**

Manifest Details:

**Actual:**  
**309 ft.**

Year: 2015  
Manifest Number: 014689354JJK  
Manifest Type: TSD Copy  
Generator EPA Id: PAR000032615  
Generator Date: 09/01/2015  
Mailing Address: Not reported  
Mailing City,St,Zip: Not reported  
Contact Name: Not reported  
Contact Phone: 732-750-6000  
TSD EPA Id: Not reported  
TSD Date: Not reported  
TSD Facility Name: Cycle Chem Inc  
TSD Facility Address: 217 S First St  
TSD Facility City: Elizabeth  
TSD Facility State: NJ  
Facility Telephone: Not reported  
Page Number: 1  
Line Number: 1  
Waste Number: D001  
Container Number: 1  
Container Type: Metal drums, barrels, kegs  
Waste Quantity: 50  
Unit: Gallons (liquids only)  
Handling Code: Not reported  
TSP EPA Id: NJD002200046  
Date TSP Sig: Not reported

**G36**  
**SE**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**LUKOIL 69733**  
**102 N POTTSTOWN PIKE**  
**EXTON, PA 19341**

**PA UST** **U003918805**  
**N/A**

**Site 7 of 8 in cluster G**

**Relative:**  
**Lower**

UST:

**Actual:**  
**309 ft.**

Name: LUKOIL 69733  
Address: 102 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2206  
Site ID: 569537  
Other Id: 15-38156  
Client Id Number: 294639  
Municipality Name: West Whiteland  
Region: EP SE Rgnl Off Norristown  
Mailing Name: LUKOIL NORTH AMER LLC  
Mailing Address: 302 HARPER DR STE 303

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LUKOIL 69733 (Continued)

U003918805

Mailing Address 2: Not reported  
Mailing City,St,Zip: MOORESTOWN, NJ 08057-4701  
Registration Expiration Date: 02/04/2024

Tank Seq No: 1  
**Tank Status:** **Currently In Use**  
Capacity: 15000  
Substance: Gasoline  
Date Installed: 12/16/2000  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 04/02/2019  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 2  
**Tank Status:** **Currently In Use**  
Capacity: 15000  
Substance: Gasoline  
Date Installed: 12/16/2000  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 04/02/2019  
Decode for Tstatus: Currently In Use  
Decode for Substance: Gasoline

Tank Seq No: 3  
**Tank Status:** **Currently In Use**  
Capacity: 12000  
Substance: Diesel Fuel  
Date Installed: 12/16/2000  
Tank Code: UST  
Inspection Code: Facility Operation Inspection  
Tank Last Dt Inspected: 04/02/2019  
Decode for Tstatus: Currently In Use  
Decode for Substance: Diesel Fuel

G37  
SE  
1/4-1/2  
0.267 mi.  
1410 ft.

103 N POTTSTOWN PIKE  
103 N POTTSTOWN PIKE  
EXTON, PA 19341  
**Site 8 of 8 in cluster G**

PA LUST S108247804  
N/A

Relative:  
Lower

LUST:  
Name: 103 N POTTSTOWN PIKE  
Address: 103 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2207  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585800  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status:** **Cleanup Completed**  
Status Date: 06/16/2004  
Confirmed Date: 03/10/1998  
Program Other Id: 15-06902  
Client: PALG UST II LLC

Actual:  
306 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

103 N POTTSTOWN PIKE (Continued)

S108247804

Incident Id: 1096  
Incident Desc: 15-06902 EXXON 2 3178  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Ground Water  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.027778  
Longitude: -75.628611

Name: 103 N POTTSTOWN PIKE  
Address: 103 N POTTSTOWN PIKE  
City,State,Zip: EXTON, PA 19341-2207  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 585800  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 06/16/2004  
Confirmed Date: 03/10/1998  
Program Other Id: 15-06902  
Client: PALG UST II LLC  
Incident Id: 1096  
Incident Desc: 15-06902 EXXON 2 3178  
Suspect Date: Not reported  
Source Of Notification: OWNER  
Release Discovered: MWELL, SAMPL  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.027778  
Longitude: -75.628611

38  
NNE  
1/4-1/2  
0.335 mi.  
1769 ft.

T&B PA ASSOCIATES  
108 COEWAY LN  
EXTON, PA 19382

PA LUST S105800167  
N/A

Relative:  
Higher  
Actual:  
350 ft.

LUST:  
Name: T&B PA ASSOCIATES  
Address: 108 COEWAY LN  
City,State,Zip: EXTON, PA 19382  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**T&B PA ASSOCIATES (Continued)**

**S105800167**

Facility Id: 586904  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 02/28/1992  
Confirmed Date: 06/10/1991  
Program Other Id: 15-44195  
Client: T & B PA ASSOC LP  
Incident Id: 1117  
Incident Desc: T & B PA ASSOC LTD PARTNERSHIP  
Suspect Date: Not reported  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Soil  
Substance: Diesel Fuel  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.037392  
Longitude: -75.630406

Name: T&B PA ASSOCIATES  
Address: 108 COEWAY LN  
City,State,Zip: EXTON, PA 19382  
Region: EP SE Rgnl Off Norristown  
Municipality: West Whiteland Twp  
Facility Id: 586904  
Facility Type: Underground Storage Tank Containing Petroleum  
**Facility Status: Cleanup Completed**  
Status Date: 02/28/1992  
Confirmed Date: 06/10/1991  
Program Other Id: 15-44195  
Client: T & B PA ASSOC LP  
Incident Id: 1117  
Incident Desc: T & B PA ASSOC LTD PARTNERSHIP  
Suspect Date: Not reported  
Source Of Notification: INSTL  
Release Discovered: CLOS  
Source Cause Of Release: INFNP  
Tank: Not reported  
Impact Desc: Soil  
Substance: Unleaded Gasoline  
CAS RN: Not reported  
Chemical: Not reported  
Comments: Not reported  
Horizontal Ref Datum: WGS84  
Altitude Datum: Not reported  
Latitude: 40.037392  
Longitude: -75.630406

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**39**  
**ENE**  
**1/4-1/2**  
**0.353 mi.**  
**1865 ft.**

**BRINTINGHAM RES**  
**311 EXTON LN**  
**WEST WHITELAND TWP., PA**

**PA UNREG LTANKS**

**S105918518**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**342 ft.**

**UNREG LTANKS:**  
Region: South East  
Contaminant: Not reported  
**Closed: Not reported**  
Class: Cleanup of Tanks using authorities other than Act 32

**40**  
**SSE**  
**1/2-1**  
**0.680 mi.**  
**3592 ft.**

**FOOTE MINERAL - EXTON**  
**RTE 100**  
**EXTON, PA 19341**

**SEMS-ARCHIVE**  
**CORRACTS**  
**RCRA-VSQG**  
**NY MANIFEST**

**1000397275**  
**PAD002329456**

**Relative:**  
**Higher**  
**Actual:**  
**338 ft.**

**SEMS Archive:**  
Site ID: 0300568  
EPA ID: PAD002329456  
Name: FOOTE MINERAL - EXTON  
Address: RTE 100  
Address 2: Not reported  
City,State,Zip: EXTON, PA 19341  
Cong District: 05  
FIPS Code: 42029  
FF: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**SEMS Archive Detail:**

Region: 03  
Site ID: 0300568  
EPA ID: PAD002329456  
Site Name: FOOTE MINERAL - EXTON  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1984-05-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 03  
Site ID: 0300568  
EPA ID: PAD002329456  
Site Name: FOOTE MINERAL - EXTON  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1984-05-01 05:00:00  
Qual: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

1000397275

Current Action Lead: EPA Perf  
  
Region: 03  
Site ID: 0300568  
EPA ID: PAD002329456  
Site Name: FOOTE MINERAL - EXTON  
NPL: N  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 1  
Start Date: 1994-10-24 04:00:00  
Finish Date: 2003-05-07 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 03  
Site ID: 0300568  
EPA ID: PAD002329456  
Site Name: FOOTE MINERAL - EXTON  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1980-08-01 04:00:00  
Finish Date: 1980-08-01 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

**CORRACTS:**

Name: CYPRUS FOOTE MINERAL CO  
Address: RT 100  
Address 2: .25 MI S OF RT 30  
EPA ID: PAD002329456  
Area Name: ENTIRE FACILITY  
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY  
Actual Date: 19970409  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Not reported

Name: CYPRUS FOOTE MINERAL CO  
Address: RT 100  
Address 2: .25 MI S OF RT 30  
EPA ID: PAD002329456  
Area Name: ENTIRE FACILITY  
Corrective Action: INVESTIGATION IMPOSITION  
Actual Date: 19970327  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

RCRA Listings:  
Date Form Received by Agency: 19840501  
Handler Name: Cyprus Foote Mineral Co  
Handler Address: RT 100  
Handler City,State,Zip: EXTON, PA 19341  
EPA ID: PAD002329456  
Contact Name: HOWARD HANCOX  
Contact Address: RT 100  
Contact City,State,Zip: EXTON, PA 19341  
Contact Telephone: 215-651-8392  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported  
EPA Region: 03  
Land Type: Private  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Handler Activities, Corrective Action Activities  
State District Owner: Pa  
State District: 1  
Mailing Address: RT 100  
Mailing City,State,Zip: EXTON, PA 19341  
Owner Name: Renaissance Properties  
Owner Type: Private  
Operator Name: Opername  
Operator Type: Private  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No  
Universal Waste Indicator: No  
Universal Waste Destination Facility: No  
Federal Universal Waste: No  
Active Site State-Reg Handler: ---  
Federal Facility Indicator: Not reported  
Hazardous Secondary Material Indicator: NN  
Sub-Part K Indicator: Not reported  
2018 GPRA Permit Baseline: Not on the Baseline  
2018 GPRA Renewals Baseline: Not on the Baseline  
202 GPRA Corrective Action Baseline: No  
Subject to Corrective Action Universe: No  
Non-TSDFs Where RCRA CA has Been Imposed Universe: Yes  
Corrective Action Priority Ranking: High  
Environmental Control Indicator: No  
Institutional Control Indicator: No  
Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 20000915  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

**Hazardous Waste Summary:**

Waste Code: D001  
Waste Description: Ignitable Waste

**Handler - Owner Operator:**

Owner/Operator Indicator: Owner  
Owner/Operator Name: RENAISSANCE PROPERTIES  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 2116 1/2 LOCUST ST  
Owner/Operator City,State,Zip: PHILADELPHIA, PA 19103  
Owner/Operator Telephone: 215-567-7900  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

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

**Historic Generators:**

Receive Date: 19840501  
Handler Name: CYPRUS FOOTE MINERAL CO  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Receive Date: 20010322  
Handler Name: CYPRUS FOOTE MINERAL COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Pa  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 332999  
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

Has the Facility Received Notices of Violations:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

1000397275

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Pre-transport  
Date Violation was Determined: 19930212  
Actual Return to Compliance Date: 19930212  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: Generators - General  
Date Violation was Determined: 19970128  
Actual Return to Compliance Date: 19980714  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 000  
Date of Enforcement Action: 19970930  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Rcra-111-271  
Enforcement Attorney: B AMT  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: KJC  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: 482990  
Paid Amount: Not reported  
Final Count: 1  
Final Amount: 482990

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Pre-transport  
Date Violation was Determined: 19921125  
Actual Return to Compliance Date: 19930212  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

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



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

1000397275

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	19970128
Actual Return to Compliance Date:	19980714
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19970327
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Rcra-11i-3-12th
Enforcement Attorney:	PAJH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL IMMEDIATE AND SUBSTANTIAL ENDANGERMENT ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

1000397275

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

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 19910306  
Actual Return to Compliance Date: 19930212  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 19910318  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
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MAP FINDINGS

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EDR ID Number  
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**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Evaluation Action Summary:

Evaluation Date: 19980804  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NO LONGER A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: KJC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19930212  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: WM  
Actual Return to Compliance Date: 19930212  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19970128  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: KJC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19980714  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19921125  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: PAJ  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19930212  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19970128  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION

Map ID  
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MAP FINDINGS

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**FOOTE MINERAL - EXTON (Continued)**

1000397275

Evaluation Responsible Person Identifier: KJC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19980714  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19970327  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: MO  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19910306  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19930212  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**Manifest Facility Information:**

EPA ID: PAD002329456  
Country: USA  
Name: FOOTE MINERAL COMPANY  
Address: ROUTE 100  
Address 2: Not reported  
City,State,Zip: EXTON, PA 19341  
Zip 4: Not reported  
Location Address 1: ROUTE 100  
Location Address 2: Not reported  
Location City,State,Zip: EXTON, PA 19341  
Location Zip 4: Not reported  
Facility Status: Not reported  
Total Tanks: Not reported  
Code: BP

**Mailing:**

Mailing Name: FOOTE MINERAL COMPANY  
Mailing Contact: FOOTE MINERAL COMPANY  
Mailing Address 1: ROUTE 100  
Mailing Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Mailing City,State,Zip: EXTON, PA 19341  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 2153636500

Manifest Data:

Document ID: NYB5860755  
Manifest Status: Not reported  
Trans1 State ID: 11277PNY  
Year: 1993  
Trans2 State ID: Not reported  
Generator Ship Date: 12/14/1993  
Trans1 Recv Date: 12/14/1993  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/17/1993  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD002329456  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000632372  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: IGNITABLE WASTE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 02089  
Units: Pounds  
Number of Containers: 013  
Container Type: Metal drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 01.00  
Waste Code 7: IGNITABLE WASTE  
Waste Code 8: Not reported  
Waste Code: Not reported  
Waste Code 10: Not reported  
Waste Code 11: Not reported  
Quantity: 00015  
Units: Pounds  
Number of Containers: 001  
Container Type: Fiber or plastic boxes, cartons, cases  
Handling Method: Treat  
Specific Gravity: 01.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Waste Code 12:	IGNITABLE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	01051
Units:	Pounds
Number of Containers:	004
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	01.00
Waste Code 17:	IGNITABLE WASTE
Waste Code 18:	Not reported
Waste Code 19:	Not reported
Waste Code 20:	Not reported
Waste Code 21:	Not reported
Quantity:	00298
Units:	Pounds
Number of Containers:	011
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Treat
Specific Gravity:	01.00
Document ID:	NYB5860764
Manifest Status:	Not reported
Trans1 State ID:	11277PNY
Year:	1993
Trans2 State ID:	Not reported
Generator Ship Date:	12/14/1993
Trans1 Recv Date:	12/14/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/17/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD002329456
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000632372
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	CORROSIVE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Quantity: 00027  
Units: Pounds  
Number of Containers: 001  
Container Type: Fiber or plastic boxes, cartons, cases  
Handling Method: Treat  
Specific Gravity: 01.00  
Waste Code 7: CORROSIVE WASTE  
Waste Code 8: Not reported  
Waste Code: Not reported  
Waste Code 10: Not reported  
Waste Code 11: Not reported  
Quantity: 00018  
Units: Pounds  
Number of Containers: 001  
Container Type: Fiber or plastic boxes, cartons, cases  
Handling Method: Treat  
Specific Gravity: 01.00  
Waste Code 12: IGNITABLE WASTE  
Waste Code 13: Not reported  
Waste Code 14: Not reported  
Waste Code 15: Not reported  
Waste Code 16: Not reported  
Quantity: 00066  
Units: Pounds  
Number of Containers: 003  
Container Type: Fiber or plastic boxes, cartons, cases  
Handling Method: Burn  
Specific Gravity: 01.00

Document ID: NYA5139432  
Manifest Status: C - Completed copy  
Trans1 State ID: PA-AH0154  
Year: 1988  
Trans2 State ID: Not reported  
Generator Ship Date: 880425  
Trans1 Recv Date: 880425  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880427  
Part A Recv Date: 880428  
Part B Recv Date: 880504  
Generator EPA ID: PAD002329456  
Trans1 EPA ID: DED981946825  
Trans2 EPA ID: Not reported  
TSDF ID 1: NYD057770109  
TSDF ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FOOTE MINERAL - EXTON (Continued)

1000397275

Waste Code 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	01400
Units:	Pounds
Number of Containers:	011
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	100
Waste Code 7:	CORROSIVE WASTE
Waste Code 8:	Not reported
Waste Code 9:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00140
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Waste Code 12:	IGNITABLE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	00150
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Waste Code 17:	IGNITABLE WASTE
Waste Code 18:	Not reported
Waste Code 19:	Not reported
Waste Code 20:	Not reported
Waste Code 21:	Not reported
Quantity:	00010
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Document ID:	NYB4467645
Manifest Status:	Not reported
Trans1 State ID:	10222PNY
Year:	1993
Trans2 State ID:	Not reported
Generator Ship Date:	06/18/1993
Trans1 Recv Date:	06/18/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/01/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FOOTE MINERAL - EXTON (Continued)

1000397275

Generator EPA ID:	PAD002329456
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDf ID 1:	NYD000632372
TSDf ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00015
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	IGNITABLE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00200
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 12:	IGNITABLE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	00150
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYA6325983
Manifest Status:	C - Completed copy
Trans1 State ID:	PA-AH0154
Year:	1987
Trans2 State ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FOOTE MINERAL - EXTON (Continued)

1000397275

Generator Ship Date:	870410
Trans1 Recv Date:	870410
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870415
Part A Recv Date:	870422
Part B Recv Date:	870423
Generator EPA ID:	PAD002329456
Trans1 EPA ID:	PAD980550479
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD057770109
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00005
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	100
Waste Code 7:	IGNITABLE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00250
Units:	Pounds
Number of Containers:	003
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	100
Waste Code 12:	CORROSIVE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	00100
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FOOTE MINERAL - EXTON (Continued)

1000397275

Waste Code 17:	IGNITABLE WASTE
Waste Code 18:	Not reported
Waste Code 19:	Not reported
Waste Code 20:	Not reported
Waste Code 21:	Not reported
Quantity:	00050
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	100
Document ID:	NYA5139837
Manifest Status:	C - Completed copy
Trans1 State ID:	PA-AH-015
Year:	1988
Trans2 State ID:	Not reported
Generator Ship Date:	880517
Trans1 Recv Date:	880517
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880518
Part A Recv Date:	880609
Part B Recv Date:	880523
Generator EPA ID:	PAD002329456
Trans1 EPA ID:	DED981946825
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD057770109
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00025
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Waste Code 7:	CORROSIVE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

Quantity: 00001  
Units: Pounds  
Number of Containers: 001  
Container Type: Metal drums, barrels, kegs  
Handling Method: Treat  
Specific Gravity: 100  
Waste Code 12: REACTIVE WASTE  
Waste Code 13: Not reported  
Waste Code 14: Not reported  
Waste Code 15: Not reported  
Waste Code 16: Not reported  
Quantity: 00055  
Units: Pounds  
Number of Containers: 001  
Container Type: Metal drums, barrels, kegs  
Handling Method: Burn  
Specific Gravity: 100

Document ID: NYB5860773  
Manifest Status: Not reported  
Trans1 State ID: 11283PNY  
Year: 1994  
Trans2 State ID: Not reported  
Generator Ship Date: 02/24/1994  
Trans1 Recv Date: 02/24/1994  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/28/1994  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: PAD002329456  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000632372  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
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 1: IGNITABLE WASTE  
Waste Code 2: Not reported  
Waste Code 3: Not reported  
Waste Code 4: Not reported  
Waste Code 5: Not reported  
Waste Code 6: Not reported  
Quantity: 00352  
Units: Pounds  
Number of Containers: 002  
Container Type: Metal drums, barrels, kegs  
Handling Method: Burn

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FOOTE MINERAL - EXTON (Continued)

1000397275

Specific Gravity:	01.00
Waste Code 7:	IGNITABLE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00071
Units:	Pounds
Number of Containers:	003
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 12:	IGNITABLE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	00015
Units:	Pounds
Number of Containers:	001
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 17:	IGNITABLE WASTE
Waste Code 18:	Not reported
Waste Code 19:	Not reported
Waste Code 20:	Not reported
Waste Code 21:	Not reported
Quantity:	00027
Units:	Pounds
Number of Containers:	001
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYB5861592
Manifest Status:	Not reported
Trans1 State ID:	11283PNY
Year:	1994
Trans2 State ID:	Not reported
Generator Ship Date:	03/25/1994
Trans1 Recv Date:	03/25/1994
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/07/1994
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD002329456
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000632372
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

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 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00166
Units:	Pounds
Number of Containers:	007
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	IGNITABLE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00030
Units:	Pounds
Number of Containers:	001
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYB5861601
Manifest Status:	Not reported
Trans1 State ID:	11276PNY
Year:	1994
Trans2 State ID:	Not reported
Generator Ship Date:	07/15/1994
Trans1 Recv Date:	07/16/1994
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/21/1994
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	PAD002329456
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000632372
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTE MINERAL - EXTON (Continued)**

**1000397275**

MGMT Method Type Code:	Not reported
Waste Code 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00853
Units:	Pounds
Number of Containers:	007
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	IGNITABLE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00086
Units:	Pounds
Number of Containers:	003
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 12:	IGNITABLE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	00024
Units:	Pounds
Number of Containers:	001
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	01.00

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
NO SITES FOUND					



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

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

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

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 12/04/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 12/04/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 09/19/2023  
Date Data Arrived at EDR: 10/03/2023  
Date Made Active in Reports: 10/19/2023  
Number of Days to Update: 16

Source: EPA  
Telephone: N/A  
Last EDR Contact: 12/04/2023  
Next Scheduled EDR Contact: 01/08/2024  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 09/25/2023  
Date Data Arrived at EDR: 09/26/2023  
Date Made Active in Reports: 12/12/2023  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 12/20/2023  
Next Scheduled EDR Contact: 04/08/2024  
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: 09/19/2023  
Date Data Arrived at EDR: 10/03/2023  
Date Made Active in Reports: 10/19/2023  
Number of Days to Update: 16

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/04/2023  
Next Scheduled EDR Contact: 01/22/2024  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 800-424-9346
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 12/04/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023	Source: EPA
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-438-2474
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-438-2474
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	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: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-438-2474
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-438-2474
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	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: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 11/02/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/19/2024
	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: 08/21/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 11/07/2023	Last EDR Contact: 11/17/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/04/2024
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 08/21/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 11/07/2023	Last EDR Contact: 11/17/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/04/2024
	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: 09/18/2023  
Date Data Arrived at EDR: 09/20/2023  
Date Made Active in Reports: 12/11/2023  
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 12/13/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

### **SHWS: Hazardous Sites Cleanup Act Site List**

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 07/10/2023  
Date Data Arrived at EDR: 07/11/2023  
Date Made Active in Reports: 09/25/2023  
Number of Days to Update: 76

Source: Department Environmental Protection  
Telephone: 717-783-7816  
Last EDR Contact: 10/10/2023  
Next Scheduled EDR Contact: 01/22/2024  
Data Release Frequency: Quarterly

### **HSCA: HSCA Remedial Sites Listing**

A list of remedial sites on the PA Priority List. This is the PA state equivalent of the federal NPL superfund list.

Date of Government Version: 06/30/2023  
Date Data Arrived at EDR: 07/18/2023  
Date Made Active in Reports: 10/05/2023  
Number of Days to Update: 79

Source: Department of Environmental Protection  
Telephone: 717-783-7816  
Last EDR Contact: 10/09/2023  
Next Scheduled EDR Contact: 01/22/2024  
Data Release Frequency: Annually

## ***Lists of state and tribal landfills and solid waste disposal facilities***

### **MUN WASTE OPER: Municipal Waste Operations Listing**

A Municipal Waste Operation is a DEP primary facility type related to the Waste Management Municipal Waste Program. The sub-facility types related to Municipal Waste Operations that are included are: Composting: Includes facilities that use land for processing municipal waste by composting. Composting is a process that biologically decomposes organic waste under controlled anaerobic or aerobic conditions to yield a humus-like product. Land Application: Includes facilities that uses agricultural utilization or land reclamation of waste. Sewage sludge is land-applied for its nutrient value or as a soil conditioner.

Date of Government Version: 08/14/2023  
Date Data Arrived at EDR: 08/15/2023  
Date Made Active in Reports: 11/06/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 11/13/2023  
Next Scheduled EDR Contact: 02/26/2024  
Data Release Frequency: Quarterly

### **SWF/LF: Operating Facilities**

The listing includes Municipal Waste Landfills, Construction/Demolition Waste Landfills and Waste-to-Energy Facilities.

Date of Government Version: 08/14/2023  
Date Data Arrived at EDR: 08/16/2023  
Date Made Active in Reports: 11/03/2023  
Number of Days to Update: 79

Source: Department of Environmental Protection  
Telephone: 717-787-7564  
Last EDR Contact: 11/13/2023  
Next Scheduled EDR Contact: 02/26/2024  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RES WASTE OPER: Residual Waste Operations Listing

A Residual Waste Operation is a DEP primary facility type related to the Waste Management Residual Waste Program. Residual waste is waste generated at an industrial, mining, or wastewater treatment facility. The sub-facility types related to Residual Waste that are included are: \_\_\_\_ Generator: A generator is a person, company, institution, or municipality that produces or creates residual waste. Residual waste is waste generated at an industrial, mining, or wastewater treatment facility. Impoundment: An impoundment is a facility designed to hold an accumulation of liquid wastes. Incinerator: An incinerator is an enclosed device using controlled combustion to thermally break down residual waste.

Date of Government Version: 08/14/2023  
Date Data Arrived at EDR: 08/15/2023  
Date Made Active in Reports: 11/06/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-787-7381  
Last EDR Contact: 11/13/2023  
Next Scheduled EDR Contact: 02/26/2024  
Data Release Frequency: Quarterly

## ***Lists of state and tribal leaking storage tanks***

### LUST: Storage Tank Release Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/05/2023  
Date Data Arrived at EDR: 09/07/2023  
Date Made Active in Reports: 11/29/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Quarterly

### LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 09/05/2023  
Date Data Arrived at EDR: 09/07/2023  
Date Made Active in Reports: 11/29/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-783-7509  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Quarterly

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/11/2023  
Next Scheduled EDR Contact: 01/29/2024  
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: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/11/2023  
Next Scheduled EDR Contact: 01/29/2024  
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: 04/19/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/11/2023  
Next Scheduled EDR Contact: 01/29/2024  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

UNREG LTANKS: Unregulated Tank Cases

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/14/2003	Telephone: 717-783-7509
Date Made Active in Reports: 08/29/2003	Last EDR Contact: 08/14/2003
Number of Days to Update: 15	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## ***Lists of state and tribal registered storage tanks***

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Listing of Pennsylvania Regulated Underground Storage Tanks

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

Date of Government Version: 09/01/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/07/2023	Telephone: 717-772-5599
Date Made Active in Reports: 11/29/2023	Last EDR Contact: 12/05/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/18/2024
	Data Release Frequency: Varies

## AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 09/01/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/07/2023	Telephone: 717-772-5599
Date Made Active in Reports: 11/29/2023	Last EDR Contact: 12/05/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/18/2024
	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: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

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

### ENG CONTROLS: Engineering Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. 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: 05/15/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/16/2008	Telephone: 717-783-9470
Date Made Active in Reports: 06/12/2008	Last EDR Contact: 10/09/2023
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: No Update Planned

### AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 07/10/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/11/2023	Telephone: 717-783-7509
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INST CONTROL: Institutional Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. 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: 05/15/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/16/2008	Telephone: 717-783-9470
Date Made Active in Reports: 06/12/2008	Last EDR Contact: 10/09/2023
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: No Update Planned

## ***Lists of state and tribal voluntary cleanup sites***

### 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: 12/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Sites

The VCP listings included Completed Sites, Sites in Progress and Act 2 Non-Use Aquifer Determinations Sites. Formerly known as the Act 2, the Land Recycling Program encourages the voluntary cleanup and reuse of contaminated commercial and industrial sites.

Date of Government Version: 06/30/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/30/2023	Telephone: 717-783-2388
Date Made Active in Reports: 09/22/2023	Last EDR Contact: 10/05/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Brownfields Sites

Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years.

Date of Government Version: 07/10/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/11/2023	Telephone: 717-783-1566
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/15/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2023	Telephone: 202-566-2777
Date Made Active in Reports: 12/01/2023	Last EDR Contact: 12/14/2023
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/25/2024
	Data Release Frequency: Semi-Annually

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

#### HIST LF ALL: Abandoned Landfill Inventory

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALLI database. Some of this information has been abstracted from old records and may not accurately reflect the current conditions and status at these facilities

Date of Government Version: 04/07/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/07/2022	Telephone: 717-787-7564
Date Made Active in Reports: 07/06/2022	Last EDR Contact: 03/23/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 07/18/2022
	Data Release Frequency: No Update Planned

#### HIST LF INACTIVE: Inactive Facilities List

A listing of inactive non-hazardous facilities (10000 & 300000 series). This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 12/20/1994	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2005	Telephone: 717-787-7381
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/21/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/2005
	Data Release Frequency: No Update Planned

#### HIST LF INVENTORY: Facility Inventory

A listing of solid waste facilities. This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 06/02/1999	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2005	Telephone: 717-787-7381
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 09/19/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/2005
	Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/23/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/05/2024
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/10/2023  
Next Scheduled EDR Contact: 01/29/2024  
Data Release Frequency: No Update Planned

## 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

## 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: 10/28/2023  
Next Scheduled EDR Contact: 02/05/2024  
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: 08/21/2023  
Date Data Arrived at EDR: 08/21/2023  
Date Made Active in Reports: 11/07/2023  
Number of Days to Update: 78

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/17/2023  
Next Scheduled EDR Contact: 03/04/2024  
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: 08/21/2023  
Date Data Arrived at EDR: 08/21/2023  
Date Made Active in Reports: 11/07/2023  
Number of Days to Update: 78

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/17/2023  
Next Scheduled EDR Contact: 03/04/2024  
Data Release Frequency: Quarterly

## **Local Lists of Registered Storage Tanks**

### ARCHIVE UST: Archived Underground Storage Tank Sites

The list includes tanks storing highly hazardous substances that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2023  
Date Data Arrived at EDR: 09/07/2023  
Date Made Active in Reports: 11/29/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Varies

## ARCHIVE AST: Archived Aboveground Storage Tank Sites

The list includes aboveground tanks with a capacity greater than 21,000 gallons that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 09/01/2023  
Date Data Arrived at EDR: 09/07/2023  
Date Made Active in Reports: 11/29/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 717-772-5599  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Varies

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 09/19/2023  
Date Data Arrived at EDR: 10/03/2023  
Date Made Active in Reports: 10/19/2023  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 12/04/2023  
Next Scheduled EDR Contact: 01/08/2024  
Data Release Frequency: Semi-Annually

### ACT 2-DEED: Act 2-Deed Acknowledgment Sites

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 04/23/2010  
Date Data Arrived at EDR: 04/28/2010  
Date Made Active in Reports: 04/30/2010  
Number of Days to Update: 2

Source: Department of Environmental Protection  
Telephone: 717-783-9470  
Last EDR Contact: 07/22/2011  
Next Scheduled EDR Contact: 11/07/2011  
Data Release Frequency: Varies

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/18/2023  
Date Data Arrived at EDR: 09/20/2023  
Date Made Active in Reports: 11/14/2023  
Number of Days to Update: 55

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/13/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 10/01/2023  
Date Data Arrived at EDR: 10/06/2023  
Date Made Active in Reports: 10/19/2023  
Number of Days to Update: 13

Source: DEP, Emergency Response  
Telephone: 717-787-5715  
Last EDR Contact: 09/28/2023  
Next Scheduled EDR Contact: 01/15/2024  
Data Release Frequency: Semi-Annually

## 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: 12/04/2023  
Date Data Arrived at EDR: 12/06/2023  
Date Made Active in Reports: 12/12/2023  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 800-438-2474  
Last EDR Contact: 12/06/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/07/2023  
Date Data Arrived at EDR: 08/15/2023  
Date Made Active in Reports: 10/10/2023  
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 11/10/2023  
Next Scheduled EDR Contact: 02/26/2024  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

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

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 10/09/2023  
Next Scheduled EDR Contact: 01/22/2024  
Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/04/2023  
Next Scheduled EDR Contact: 01/15/2024  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2021  
Date Data Arrived at EDR: 02/03/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 11/08/2023  
Next Scheduled EDR Contact: 02/19/2024  
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: 09/18/2023  
Date Data Arrived at EDR: 09/20/2023  
Date Made Active in Reports: 12/12/2023  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 12/13/2023  
Next Scheduled EDR Contact: 04/01/2024  
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.

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: 10/31/2023  
Next Scheduled EDR Contact: 02/12/2024  
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: 11/03/2023  
Next Scheduled EDR Contact: 02/12/2024  
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: 12/31/2020  
Date Data Arrived at EDR: 06/14/2022  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 283

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/14/2023  
Next Scheduled EDR Contact: 03/25/2024  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 08/18/2023  
Date Made Active in Reports: 11/07/2023  
Number of Days to Update: 81

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/13/2023  
Next Scheduled EDR Contact: 02/26/2024  
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: 07/17/2023  
Date Data Arrived at EDR: 07/18/2023  
Date Made Active in Reports: 10/10/2023  
Number of Days to Update: 84

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/20/2023  
Next Scheduled EDR Contact: 01/29/2024  
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: 09/19/2023  
Date Data Arrived at EDR: 10/03/2023  
Date Made Active in Reports: 10/19/2023  
Number of Days to Update: 16

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/04/2023  
Next Scheduled EDR Contact: 03/11/2024  
Data Release Frequency: Annually

## RMP: Risk Management Plans

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

Date of Government Version: 09/01/2023  
Date Data Arrived at EDR: 09/27/2023  
Date Made Active in Reports: 12/21/2023  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 09/26/2023  
Next Scheduled EDR Contact: 01/29/2024  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

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

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 12/04/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 02/12/2024
	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: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 10/06/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/15/2024
	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: 09/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-0717
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 11/27/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 03/11/2024
	Data Release Frequency: Varies

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

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

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/11/2024
	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: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/19/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 10/04/2023  
Next Scheduled EDR Contact: 02/05/2024  
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: 06/30/2023  
Date Data Arrived at EDR: 07/19/2023  
Date Made Active in Reports: 10/10/2023  
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/03/2023  
Next Scheduled EDR Contact: 01/15/2024  
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: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/06/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/02/2023  
Next Scheduled EDR Contact: 01/15/2024  
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: 03/03/2023  
Date Data Arrived at EDR: 03/03/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 98

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 10/25/2023  
Next Scheduled EDR Contact: 02/12/2024  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 11/09/2023  
Next Scheduled EDR Contact: 02/26/2024  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023  
Date Data Arrived at EDR: 10/03/2023  
Date Made Active in Reports: 10/19/2023  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 12/04/2023  
Next Scheduled EDR Contact: 01/08/2024  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

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

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

## MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 07/05/2023  
Date Data Arrived at EDR: 07/05/2023  
Date Made Active in Reports: 09/25/2023  
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Administration  
Telephone: 202-693-9424  
Last EDR Contact: 10/04/2023  
Next Scheduled EDR Contact: 02/19/2024  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2023  
Date Data Arrived at EDR: 08/22/2023  
Date Made Active in Reports: 11/07/2023  
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 11/17/2023  
Next Scheduled EDR Contact: 03/04/2024  
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: 01/07/2022  
Date Data Arrived at EDR: 02/24/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 82

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/20/2023  
Next Scheduled EDR Contact: 03/04/2024  
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: 11/20/2023  
Next Scheduled EDR Contact: 03/04/2024  
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: 11/28/2023  
Date Data Arrived at EDR: 11/29/2023  
Date Made Active in Reports: 12/11/2023  
Number of Days to Update: 12

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 11/28/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Quarterly

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 11/20/2023  
Next Scheduled EDR Contact: 03/04/2024  
Data Release Frequency: Varies

## 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: 11/03/2023  
Date Data Arrived at EDR: 11/08/2023  
Date Made Active in Reports: 11/20/2023  
Number of Days to Update: 12

Source: EPA  
Telephone: (215) 814-5000  
Last EDR Contact: 11/08/2023  
Next Scheduled EDR Contact: 03/11/2024  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/15/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/04/2024
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-2280
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023	Source: Department of Defense
Date Data Arrived at EDR: 09/13/2023	Telephone: 703-704-1564
Date Made Active in Reports: 12/11/2023	Last EDR Contact: 09/13/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/22/2024
	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: 08/14/2023	Source: EPA
Date Data Arrived at EDR: 08/15/2023	Telephone: 800-385-6164
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 11/10/2023
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/26/2024
	Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 703-603-8895
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-566-0250
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/23/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 02/05/2024
	Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

### PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

### PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

### PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-267-2675
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 09/28/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

## PCS: Permit Compliance System

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

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/28/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: No Update Planned

## BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/18/2023	Telephone: 202-564-4700
Date Made Active in Reports: 08/28/2023	Last EDR Contact: 12/19/2023
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

## PFAS: Sites With Known PFAS Contamination

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are man-made chemicals, are resistant to heat, water and oil, and persist in the environment and the human body. PFAS are not found naturally in the environment. They have been used to make cookware, carpets, clothing, fabrics for furniture, paper packaging for food, and other materials that are resistant to water, grease, or stains. They are also used in firefighting foams and in a number of industrial processes.

Date of Government Version: 09/15/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/19/2023	Telephone: 717-787-4728
Date Made Active in Reports: 12/08/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/25/2024
	Data Release Frequency: Varies

## AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2023  
Date Data Arrived at EDR: 09/13/2023  
Date Made Active in Reports: 12/07/2023  
Number of Days to Update: 85

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 12/11/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing  
Asbestos sites

Date of Government Version: 08/28/2023  
Date Data Arrived at EDR: 08/31/2023  
Date Made Active in Reports: 09/08/2023  
Number of Days to Update: 8

Source: Department of Labor & Industry  
Telephone: 717-703-1092  
Last EDR Contact: 11/27/2023  
Next Scheduled EDR Contact: 03/11/2024  
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Locations  
A listing of drycleaner facility locations.

Date of Government Version: 09/11/2023  
Date Data Arrived at EDR: 09/13/2023  
Date Made Active in Reports: 12/07/2023  
Number of Days to Update: 85

Source: Department of Environmental Protection  
Telephone: 717-787-9702  
Last EDR Contact: 12/11/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information  
Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/05/2023  
Next Scheduled EDR Contact: 01/22/2024  
Data Release Frequency: Annually

MINES: Abandoned Mine Land Inventory

This data set portrays the approximate location of Abandoned Mine Land Problem Areas containing public health, safety, and public welfare problems created by past coal mining.

Date of Government Version: 07/06/2023  
Date Data Arrived at EDR: 07/18/2023  
Date Made Active in Reports: 10/06/2023  
Number of Days to Update: 80

Source: PASDA  
Telephone: 814-863-0104  
Last EDR Contact: 10/17/2023  
Next Scheduled EDR Contact: 01/29/2024  
Data Release Frequency: Semi-Annually

NPDES: NPDES Permit Listing  
A listing of facilities with an NPDES permit.

Date of Government Version: 08/28/2023  
Date Data Arrived at EDR: 08/30/2023  
Date Made Active in Reports: 11/14/2023  
Number of Days to Update: 76

Source: Department of Environmental Protection  
Telephone: 717-787-9642  
Last EDR Contact: 11/27/2023  
Next Scheduled EDR Contact: 03/11/2024  
Data Release Frequency: Varies

UIC: Underground Injection Wells  
A listing of underground injection well locations.

Date of Government Version: 09/11/2023  
Date Data Arrived at EDR: 09/13/2023  
Date Made Active in Reports: 12/07/2023  
Number of Days to Update: 85

Source: Department of Environmental Protection  
Telephone: 717-783-7209  
Last EDR Contact: 12/11/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

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 HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS 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 Environmental Protection in Pennsylvania.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

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

## 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 Environmental Protection in Pennsylvania.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/10/2014  
Number of Days to Update: 193

Source: Department Environmental Protection  
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 Environmental Protection in Pennsylvania.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: Department Environmental Protection  
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: 08/07/2023  
Date Data Arrived at EDR: 08/08/2023  
Date Made Active in Reports: 10/24/2023  
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/07/2023  
Next Scheduled EDR Contact: 02/19/2024  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 09/28/2023  
Next Scheduled EDR Contact: 01/15/2024  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 11/30/2023  
Date Made Active in Reports: 12/01/2023  
Number of Days to Update: 1

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/30/2023  
Next Scheduled EDR Contact: 02/05/2024  
Data Release Frequency: Quarterly

## RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/09/2022  
Next Scheduled EDR Contact: 02/26/2024  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019  
Date Data Arrived at EDR: 10/29/2019  
Date Made Active in Reports: 01/09/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/05/2023  
Next Scheduled EDR Contact: 01/22/2024  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 11/29/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

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

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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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: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

**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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

222 N POTTSTOWN PIKE  
222 N POTTSTOWN PIKE  
EXTON, PA 19341

### TARGET PROPERTY COORDINATES

Latitude (North):	40.031866 - 40° 1' 54.72"
Longitude (West):	75.632389 - 75° 37' 56.60"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	446043.0
UTM Y (Meters):	4431275.5
Elevation:	314 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	13944061 DOWNINGTOWN, PA
Version Date:	2019
Northeast Map:	13944093 MALVERN, PA
Version Date:	2019

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

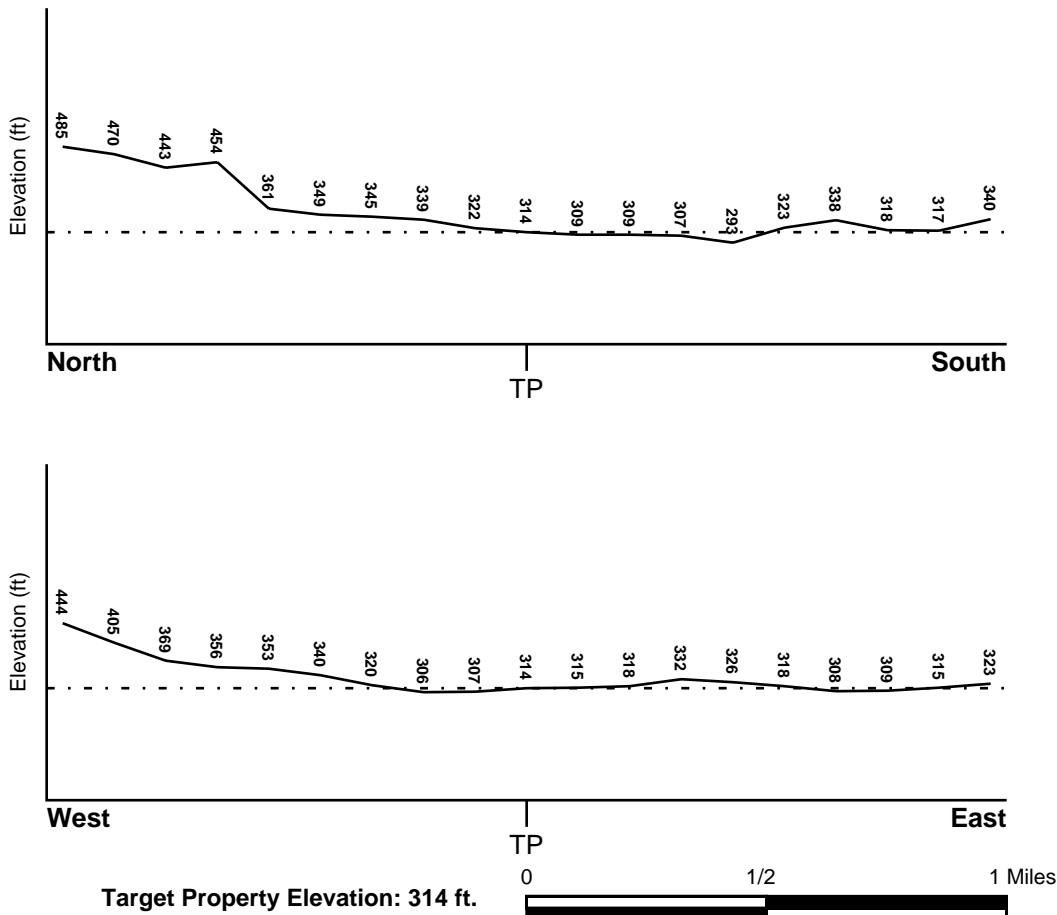
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
42029C0150F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
42029C0155F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

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

## **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>
C14	1/4 - 1/2 Mile SE	Not Reported
C15	1/4 - 1/2 Mile SE	SW
20	1/4 - 1/2 Mile West	S
AC85	1/2 - 1 Mile SW	S
1G	1/4 - 1/2 Mile West	S
2G	1/4 - 1/2 Mile SE	Not Reported
3G	1/4 - 1/2 Mile SE	SW
4G	1/2 - 1 Mile SW	S

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

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

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

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

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

Soil Component Name: HAGERSTOWN

Soil Surface Texture: silt loam

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

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

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 80 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 6.00 Min: 0.60	Max: 6.50 Min: 4.50
2	8 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 4.50
3	20 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10

### OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silty clay loam

Surficial Soil Types: silty clay loam

Shallow Soil Types: silt loam

Deeper Soil Types: channery - silt loam  
stratified loam  
unweathered bedrock

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A5	USGS40001023323	0 - 1/8 Mile ESE
B11	USGS40001006148	1/4 - 1/2 Mile North
D25	USGS40001005842	1/4 - 1/2 Mile SW
G28	USGS40001006120	1/4 - 1/2 Mile WNW
J34	USGS40001005776	1/2 - 1 Mile SSW
I37	USGS40001005814	1/2 - 1 Mile SE
L41	USGS40001006295	1/2 - 1 Mile North
M43	USGS40001005741	1/2 - 1 Mile SSE
N46	USGS40001006306	1/2 - 1 Mile NNW
O49	USGS40001005707	1/2 - 1 Mile SSE
Q51	USGS40001005760	1/2 - 1 Mile SE
R53	USGS40001005742	1/2 - 1 Mile SSW
S56	USGS40001006098	1/2 - 1 Mile WNW
V63	USGS40001005771	1/2 - 1 Mile SE
X68	USGS40001005666	1/2 - 1 Mile SSE
AB89	USGS40001005685	1/2 - 1 Mile SW
AD91	USGS40001005940	1/2 - 1 Mile West
AF95	USGS40001006384	1/2 - 1 Mile NW
AG96	USGS40001005642	1/2 - 1 Mile SSW
AI99	USGS40001005849	1/2 - 1 Mile WSW
AJ102	USGS40001006468	1/2 - 1 Mile North
AH103	USGS40001005796	1/2 - 1 Mile WSW
AK106	USGS40001006460	1/2 - 1 Mile NNE
AL107	USGS40001005647	1/2 - 1 Mile SE
109	USGS40001006013	1/2 - 1 Mile East
AM112	USGS40001005561	1/2 - 1 Mile SSW
AN115	USGS40001006294	1/2 - 1 Mile NE
AP118	USGS40001005589	1/2 - 1 Mile SSW
AQ125	USGS40001005785	1/2 - 1 Mile ESE

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

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
19	PA1150845	1/4 - 1/2 Mile North

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>
A1	PASI60000408742	0 - 1/8 Mile ENE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

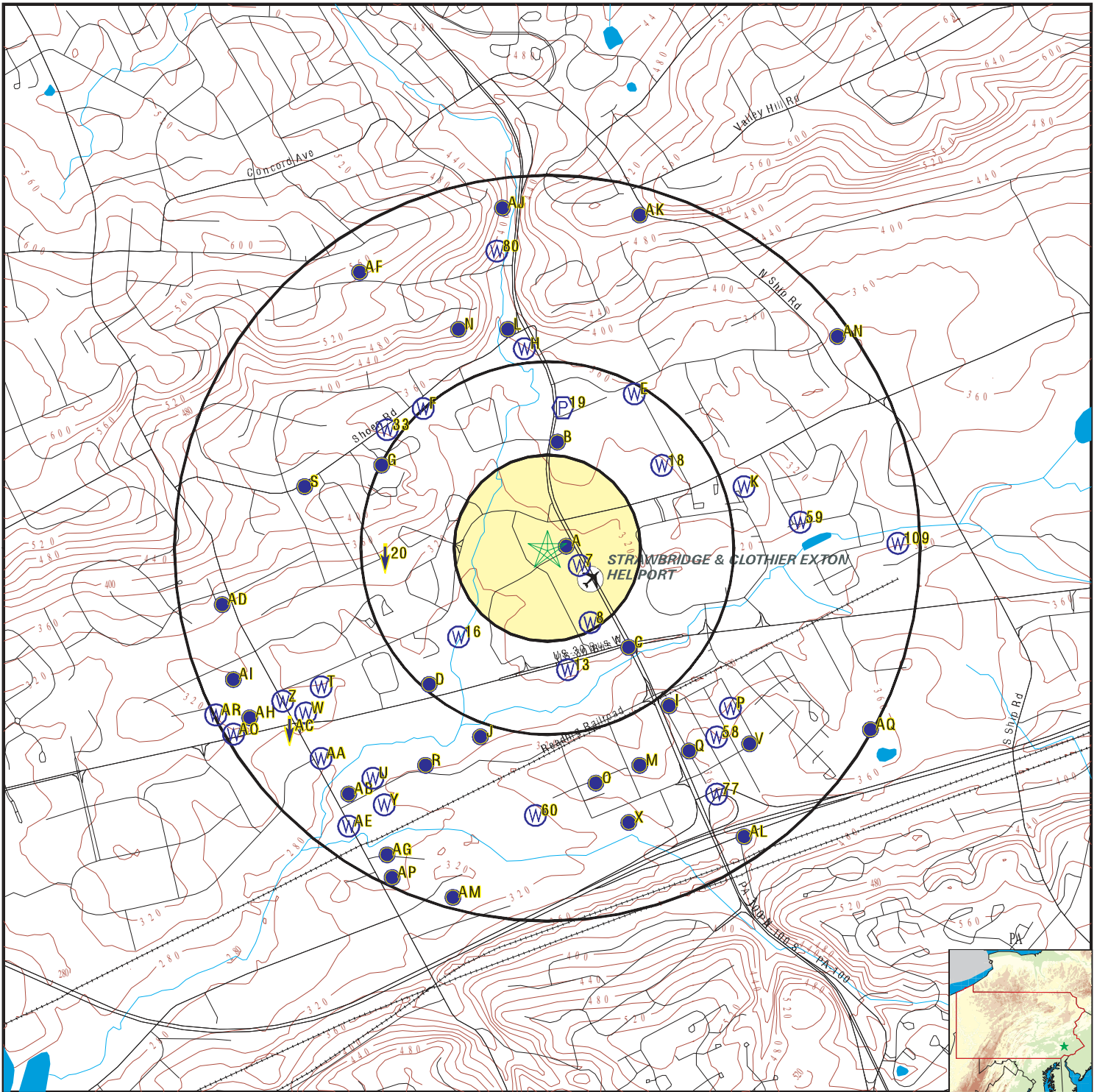
MAP ID	WELL ID	LOCATION FROM TP
A2	PASI60000408793	0 - 1/8 Mile ENE
A3	PASI60000408743	0 - 1/8 Mile ENE
A4	PASI60000408722	0 - 1/8 Mile ENE
A6	PASI60000012486	0 - 1/8 Mile ESE
7	PASI60000110916	0 - 1/8 Mile ESE
8	PASI60000110928	1/8 - 1/4 Mile SSE
B9	PASI60000110925	1/4 - 1/2 Mile North
B10	PASI60000011030	1/4 - 1/2 Mile North
B12	PASI60000110880	1/4 - 1/2 Mile North
13	PASI60000407391	1/4 - 1/2 Mile South
16	PASI60000012509	1/4 - 1/2 Mile SW
C17	PASI60000407443	1/4 - 1/2 Mile SE
18	PASI60000110748	1/4 - 1/2 Mile NE
D21	PASI60000110924	1/4 - 1/2 Mile SW
E22	PASI60000110922	1/4 - 1/2 Mile NNE
E23	PASI60000110923	1/4 - 1/2 Mile NNE
F24	PASI60000011037	1/4 - 1/2 Mile NW
D26	PASI60000010962	1/4 - 1/2 Mile SW
G27	PASI60000011024	1/4 - 1/2 Mile WNW
H29	PASI60000218601	1/2 - 1 Mile North
I30	PASI60000218565	1/2 - 1 Mile SE
F31	PASI60000214548	1/2 - 1 Mile NW
H32	PASI60000110927	1/2 - 1 Mile North
33	PASI60000011034	1/2 - 1 Mile NW
J35	PASI60000010944	1/2 - 1 Mile SSW
K36	PASI60000012821	1/2 - 1 Mile ENE
I38	PASI60000010958	1/2 - 1 Mile SE
K39	PASI60000012820	1/2 - 1 Mile ENE
H40	PASI60000011059	1/2 - 1 Mile North
L42	PASI60000110752	1/2 - 1 Mile NNW
N44	PASI60000011064	1/2 - 1 Mile NNW
M45	PASI60000012814	1/2 - 1 Mile SSE
O47	PASI60000010932	1/2 - 1 Mile SSE
P48	PASI60000110895	1/2 - 1 Mile SE
P50	PASI60000110930	1/2 - 1 Mile SE
Q52	PASI60000010940	1/2 - 1 Mile SE
R54	PASI60000010935	1/2 - 1 Mile SSW
S55	PASI60000043185	1/2 - 1 Mile WNW
T57	PASI60000110756	1/2 - 1 Mile WSW
58	PASI60000110931	1/2 - 1 Mile SE
59	PASI60000389239	1/2 - 1 Mile East
60	PASI60000110754	1/2 - 1 Mile South
T61	PASI60000110781	1/2 - 1 Mile WSW
U62	PASI60000110790	1/2 - 1 Mile SW
W64	PASI60000110782	1/2 - 1 Mile SW
V65	PASI60000010942	1/2 - 1 Mile SE
U66	PASI60000110789	1/2 - 1 Mile SW
W67	PASI60000110783	1/2 - 1 Mile SW
X69	PASI60000010922	1/2 - 1 Mile SSE
W70	PASI60000110780	1/2 - 1 Mile WSW
U71	PASI60000110769	1/2 - 1 Mile SW
U72	PASI60000110788	1/2 - 1 Mile SW

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

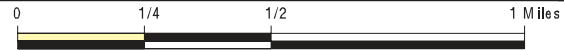
MAP ID	WELL ID	LOCATION FROM TP
W73	PASI60000110784	1/2 - 1 Mile SW
Y74	PASI60000110767	1/2 - 1 Mile SSW
Z75	PASI60000110776	1/2 - 1 Mile WSW
U76	PASI60000110787	1/2 - 1 Mile SW
77	PASI60000110749	1/2 - 1 Mile SE
W78	PASI60000110778	1/2 - 1 Mile WSW
Z79	PASI60000110777	1/2 - 1 Mile WSW
80	PASI60000218605	1/2 - 1 Mile North
W81	PASI60000110779	1/2 - 1 Mile SW
AA82	PASI60000110753	1/2 - 1 Mile SW
AA83	PASI60000110889	1/2 - 1 Mile SW
AB84	PASI60000110786	1/2 - 1 Mile SW
Y86	PASI60000110768	1/2 - 1 Mile SSW
AB87	PASI60000110785	1/2 - 1 Mile SW
Z88	PASI60000110886	1/2 - 1 Mile WSW
AC90	PASI60000110775	1/2 - 1 Mile SW
AD92	PASI60000012521	1/2 - 1 Mile West
AE93	PASI60000010928	1/2 - 1 Mile SW
AF94	PASI60000043226	1/2 - 1 Mile NW
AG97	PASI60000012539	1/2 - 1 Mile SSW
AH98	PASI60000110926	1/2 - 1 Mile WSW
AI100	PASI60000012817	1/2 - 1 Mile WSW
AJ101	PASI60000012833	1/2 - 1 Mile North
AH104	PASI60000010952	1/2 - 1 Mile WSW
AK105	PASI60000011094	1/2 - 1 Mile NNE
AL108	PASI60000010921	1/2 - 1 Mile SE
AE110	PASI60000218554	1/2 - 1 Mile SW
AG111	PASI60000110747	1/2 - 1 Mile SSW
AG113	PASI60000110758	1/2 - 1 Mile SSW
AN114	PASI60000011058	1/2 - 1 Mile NE
AO116	PASI60000110809	1/2 - 1 Mile WSW
AO117	PASI60000110810	1/2 - 1 Mile WSW
AP119	PASI60000010905	1/2 - 1 Mile SSW
AP120	PASI60000420547	1/2 - 1 Mile SSW
AP121	PASI60000420549	1/2 - 1 Mile SSW
AM122	PASI60000012512	1/2 - 1 Mile SSW
AO123	PASI60000389464	1/2 - 1 Mile WSW
AO124	PASI60000409494	1/2 - 1 Mile WSW
AQ126	PASI60000012815	1/2 - 1 Mile ESE
AR127	PASI60000388637	1/2 - 1 Mile WSW
AR128	PASI60000409460	1/2 - 1 Mile WSW

# PHYSICAL SETTING SOURCE MAP - 7528113.2s



- 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
- Oil, gas or related wells



SITE NAME: 222 N Pottstown Pike  
 ADDRESS: 222 N Pottstown Pike  
 Exton PA 19341  
 LAT/LONG: 40.031866 / 75.632389

CLIENT: Huxta Environmental  
 CONTACT: Stephen Huxta  
 INQUIRY #: 7528113.2s  
 DATE: December 26, 2023 9:32 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**ENE**  
**0 - 1/8 Mile**  
**Higher**

**PA WELLS      PASI60000408742**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	30	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	20-SEP-12
Local Permit #:	M008277		

Owner ID:	7472150	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	21.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments:      Monitoring Well #2 (Damp)

**A2**  
**ENE**  
**0 - 1/8 Mile**  
**Higher**

**PA WELLS      PASI60000408793**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	30	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	20-SEP-12
Local Permit #:	M008276		

Owner ID:	7472149	Ownership Date:	Not Reported
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Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	1.
Static Water Level (ft):	23.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use:	K	Date of Use:	Not Reported
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use: Not Reported      Notes: Not Reported

Comments: Monitoring Well #1

**A3  
ENE  
0 - 1/8 Mile  
Higher**

**PA WELLS      PASI60000408743**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	30	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	20-SEP-12
Local Permit #:	M008278		

Owner ID: 7472151      Ownership Date: Not Reported

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	1.
Static Water Level (ft):	22.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Site Use: K      Date of Use: Not Reported

Water Use: Not Reported      Notes: Not Reported

Comments: Monitoring Well #3

**A4  
ENE  
0 - 1/8 Mile  
Higher**

**PA WELLS      PASI60000408722**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	165	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	18-SEP-12
Local Permit #:	Not Reported		

Owner ID: 7472148      Ownership Date: Not Reported

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	22.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Discharged: Not Reported

Site Use: B Date of Use: Not Reported  
 Water Use: Not Reported Notes: Not Reported

**A5  
 ESE  
 0 - 1/8 Mile  
 Higher**

**FED USGS USGS40001023323**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2738	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	19750416	Well Depth:	75
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	30	Level reading date:	1992-05-07
Feet below surface:	24.53	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1992-04-06	Feet below surface:	23.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-03-10	Feet below surface:	25.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	25.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-03	Feet below surface:	25.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-06	Feet below surface:	24.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-11-05	Feet below surface:	25.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-10-01	Feet below surface:	25.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-13	Feet below surface:	25.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-08-13	Feet below surface:	24.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-12	Feet below surface:	24.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-13	Feet below surface:	23.60

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-02	Feet below surface:	21.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-04-08	Feet below surface:	21.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-26	Feet below surface:	21.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-13	Feet below surface:	22.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-31	Feet below surface:	21.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-26	Feet below surface:	23.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-08	Feet below surface:	24.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-16	Feet below surface:	24.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-11	Feet below surface:	23.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	22.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	21.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-01	Feet below surface:	21.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	22.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	21.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-01	Feet below surface:	21.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-01	Feet below surface:	21.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-01-02	Feet below surface:	23.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-06-11	Feet below surface:	17.90
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A6**  
**ESE**  
**0 - 1/8 Mile**  
**Lower**

**PA WELLS      PASI60000012486**

Database:	Pennsylvania Groundwater Information System	Local Well #:	CH 2738
GWIS ID:	12488	Topography:	Valley Flat
Aquifer:	377LDGR	Elevation:	315
Well Depth:	75	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	16-APR-75
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	12551	Ownership Date:	11-JUN-84
Construction Date:	16-APR-75	Driller:	0904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	12.5
Discharge:	60.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	50.	Test Length (min):	2.
Yield (gmp/ft):	1.6	Date Discharged:	16-APR-75
SiteStatus at Test:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	17.9	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	11-JUN-84		
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**7**  
**ESE**  
**0 - 1/8 Mile**  
**Lower**

**PA WELLS      PASI60000110916**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111020	Local Well #:	X 2770
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	75	Elevation:	0
Site Type:	W	Depth to Bedrock:	66
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110295	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	60.
Static Water Level (ft):	13.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	47.
Yield (gmp/ft):	Not Reported	Test Length (min):	2.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**8**  
**SSE**  
**1/8 - 1/4 Mile**  
**Lower**

**PA WELLS      PASI60000110928**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111032	Local Well #:	X 2784
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	229	Elevation:	0
Site Type:	W	Depth to Bedrock:	2
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110307	Ownership Date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	100.
Static Water Level (ft):	40.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	189.
Production Water Level (ft):	Not Reported	Test Length (min):	1.
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**B9**  
**North**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI60000110925**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111029	Local Well #:	X 2779
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	242	Elevation:	0
Site Type:	W	Depth to Bedrock:	78
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110304	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	100.
Static Water Level (ft):	20.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	221.
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

**B10**  
**North**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI60000011030**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11032	Local Well #:	CH 2357
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	242	Elevation:	350
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-MAR-74
Local Permit #:	Not Reported		

Owner ID:	11059	Ownership Date:	13-MAR-74
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Construction Date:	01-JAN-74	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	100.
Static Water Level (ft):	20.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	221.
Production Water Level (ft):	241.	Test Length (min):	Not Reported
Yield (gmp/ft):	0.45	Date Discharged:	13-MAR-74
SiteStatus at Test:	Not Reported		

Lithology:	METAMORPHIC (UNDIFFERENTIATED)		
Contributing Unit:	Primary	Top of Interval:	Not Reported
Bottom of Interval:	Not Reported		

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
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**B11**  
**North**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40001006148**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2357	Type:	Well
Description:	Not Reported	HUC:	02040205

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	19740313	Well Depth:	242
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:	1974-03-13
Feet below surface:	20.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**B12  
North  
1/4 - 1/2 Mile  
Higher**

**PA WELLS      PASI60000110880**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110984	Local Well #:	X 0900
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	20
Saltwater Zone:	0	Date Drilled:	01-JAN-69
Local Permit #:	Not Reported		

Owner ID:	110261	Ownership Date:	Not Reported
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Construction Date:	01-JAN-69	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	1.
Static Water Level (ft):	50.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
Site Status at Test:	Not Reported	Date Discharged:	01-JAN-69

Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**13**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**PA WELLS      PASI60000407391**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	250	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	17-JUL-12
Local Permit #:	Not Reported		

Owner ID:	7470846	Ownership Date:	Not Reported
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Site Use:	B	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

**C14**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

Site ID:	15-09145
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	11
Date:	06/05/1996

**AQUIFLOW      31461**

**C15**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

Site ID:	Not Reported
Groundwater Flow:	SW
Shallowest Water Table Depth:	3.2
Deepest Water Table Depth:	14.6
Average Water Table Depth:	Not Reported
Date:	09/1996

**AQUIFLOW      31530**

**16**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

**PA WELLS      PASI60000012509**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12511	Local Well #:	CH 4147
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	507	Elevation:	290
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	14-SEP-90
Local Permit #:	Not Reported		

Owner ID:	12576	Ownership Date:	14-SEP-90
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Construction Date:	14-SEP-90	Driller:	0180
Source of Construction Data:	REPORTED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	REPORTED
Discharge Measurement Method:	Not Reported	Discharge:	275.
Static Water Level (ft):	10.5	Agency Providing Data:	Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	83.
Drawdown (ft):	72.5	Yield (gmp/ft):	3.79
Test Length (min):	48.	SiteStatus at Test:	Not Reported
Date Discharged:	05-OCT-90		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	10.2	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	ELECTRIC TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	25-SEP-92		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	WELL 3	Assigned By:	WEST WHITELAND

**C17  
SE  
1/4 - 1/2 Mile  
Lower**

**PA WELLS    PASI60000407443**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	24	Elevation:	0
Site Type:	W	Depth to Bedrock:	19
Saltwater Zone:	0	Date Drilled:	22-JUN-12
Local Permit #:	M009629		
Owner ID:	7470854	Ownership Date:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	14.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	K	Date of Use:	Not Reported
Water Use:	OTHER	Notes:	Not Reported

Comments: Well Is Located On East Side Of The Bank And Towards The Rear Of The Property

**18**  
**NE**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI60000110748**

Database:	Pennsylvania Groundwater Information System	Local Well #:	6029N
GWIS ID:	110852	Topography:	Flat Surface
Aquifer:	377CCKS	Elevation:	0
Well Depth:	75	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	23-AUG-77
Saltwater Zone:	0		
Local Permit #:	Not Reported		

Owner ID:	110129	Ownership Date:	Not Reported
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Construction Date:	23-AUG-77	Driller:	1365
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	25.
Static Water Level (ft):	30.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	23-AUG-77
SiteStatus at Test:	Not Reported		

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: C Meth=Rotary

**19**  
**North**  
**1/4 - 1/2 Mile**  
**Higher**

**FRDS PWS      PA1150845**

Epa region:	03	State:	PA
Pwsid:	PA1150845	Pwsname:	EXTON PROFESSIONAL BUILDING
Cityserved:	Not Reported	Stateserved:	PA
Zipsserved:	Not Reported	Fipscounty:	42029
Status:	Closed	Retpopsrvd:	100
Pwssvconn:	1	Psource longname:	Groundwater

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwstype:	NTNCWS	Owner:	Private
Contact:	MICHELLE KATULA (SP?)	Contactorgname:	Not Reported
Contactphone:	215-627-6500	Contactaddress1:	718 ARCH STREET, SUITE 400-N
Contactaddress2:	Not Reported	Contactcity:	PHILADELPHIA
Contactstate:	PA	Contactzip:	19106
Pwsactivitycode:	I		
Pwsid:	PA1150845	Facid:	300
Facname:	TREATMENTROOM	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	PA1150845	Facid:	300
Facname:	TREATMENTROOM	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	softening (hardness removal)
Trtprocess:	ion exchange	Factypecode:	TP
PWS ID:	PA1150845	PWS type:	Mailing
PWS name:	EXTON PROFESSIONAL BUILDING	PWS address:	319 NORTH POTTOWN PK SUITE 300
PWS address:	JOHN FROMMYER	PWS state:	PA
PWS city:	EXTON	PWS ID:	PA1150845
PWS zip:	19341	Date system activated:	Not Reported
Activity status:	Active	Retail population:	00000100
Date system deactivated:	Not Reported		
System name:	EXTON PROFESSIONAL BUILDING	System address:	319 NORTH POTTOWN PK SUITE 300
System address:	Not Reported	System state:	PA
System city:	EXTON		
System zip:	19341		
Population served:	Under 101 Persons	Treatment:	Treated
Latitude:	400214	Longitude:	0753755

**20  
West  
1/4 - 1/2 Mile  
Higher**

Site ID:	15-17727		
Groundwater Flow:	S	<b>AQUIFLOW</b>	<b>31498</b>
Shallowest Water Table Depth:	18.32		
Deepest Water Table Depth:	22.32		
Average Water Table Depth:	Not Reported		
Date:	12/31/1997		

**D21  
SW  
1/4 - 1/2 Mile  
Lower**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111028	Local Well #:	X 2778
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	120	Elevation:	0
Site Type:	W	Depth to Bedrock:	14
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110303	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	100.
Static Water Level (ft):	10.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	110.
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**E22**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI60000110922**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111026	Local Well #:	X 2776
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	170	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110301	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	20.
Static Water Level (ft):	20.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	140.
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**E23**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI60000110923**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111027	Local Well #:	X 2777
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	88	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110302	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	20.
Static Water Level (ft):	31.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	40.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

**F24**  
**NW**  
**1/4 - 1/2 Mile**  
**Higher**

**PA WELLS      PASI60000011037**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11039	Local Well #:	CH 1298
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	300	Elevation:	349
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-68
Local Permit #:	Not Reported		
Owner ID:	11067	Ownership Date:	01-JAN-68

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	11068	Ownership Date:	06-JUN-84
Construction Date:	01-JAN-68	Driller:	0514
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	725.
Static Water Level (ft):	13.	Agency Providing Data:	Reported
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	26.	Drawdown (ft):	13.
Yield (gmp/ft):	55.8	Test Length (min):	48.
SiteStatus at Test:	Not Reported	Date Discharged:	01-JUN-73
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	4	Assigned By:	OWNER PA
Other Identifier:	D-74-194 CP	Assigned By:	DRBC
Other Identifier:	D-76- 54 CP	Assigned By:	DRBC
Other Identifier:	CH- 123	Assigned By:	DRBC-PA

**D25  
SW  
1/4 - 1/2 Mile  
Lower**

**FED USGS      USGS40001005842**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2358	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	19740101	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1974-05-01
Feet below surface:	10.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**D26  
SW  
1/4 - 1/2 Mile  
Lower**

**PA WELLS      PASI60000010962**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10964	Local Well #:	CH 2358
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	120	Elevation:	300
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-74
Local Permit #:	Not Reported		
Owner ID:	10987	Ownership Date:	01-JAN-74
Construction Date:	01-JAN-74	Driller:	0188
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Weir	Discharge:	100.
Static Water Level (ft):	10.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	120.	Drawdown (ft):	110.
Yield (gmp/ft):	0.91	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	01-MAY-74
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**G27  
WNW  
1/4 - 1/2 Mile  
Higher**

**PA WELLS      PASI60000011024**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11026	Local Well #:	CH 317
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	123	Elevation:	375
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	11051	Ownership Date:	31-DEC-38
Owner ID:	11052	Ownership Date:	31-DEC-84
Construction Date:	Not Reported	Driller:	0514
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	600.
Static Water Level (ft):	19.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	33.
Drawdown (ft):	14.	Yield (gmp/ft):	42.9
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	44.8	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	06-JUN-84		
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**G28**  
**WNW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS    USGS40001006120**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 317	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	123
Well Depth Units:	ft	Well Hole Depth:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1984-06-06
Feet below surface:	44.8	Feet to sea level:	Not Reported
Note:	Not Reported		

**H29**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000218601**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219163	Local Well #:	Not Reported
Aquifer:	UNKNOWN	Topography:	Not Reported
Well Depth:	0	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	218133	Ownership Date:	Not Reported
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Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	Not Reported	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported

Other Identifier:	1150723	Assigned By:	PA DEP PWSID
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Comments: Population Served = 25

**I30**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000218565**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219127	Local Well #:	Not Reported
Aquifer:	UNKNOWN	Topography:	Not Reported
Well Depth:	0	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	218097	Ownership Date:	Not Reported
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Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	Not Reported	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	1150487	Assigned By:	PA DEP PWSID
Comments:	Population Served = 25		

**F31  
NW  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000214548**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	214862	Local Well #:	Not Reported
Aquifer:	UNKNOWN	Topography:	Not Reported
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	213832	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	24.
Discharge:	300.	WL Measurement Method:	Not Reported
Agency Providing Data:	Well Owner	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Other Identifier:	1150035	Assigned By:	PA DEP PWSID
Comments:	Population Served = 21000		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**H32**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000110927**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111031	Local Well #:	X 2781
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	120	Elevation:	0
Site Type:	W	Depth to Bedrock:	70
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110306	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	7.
Static Water Level (ft):	30.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	89.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

**33**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000011034**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11036	Local Well #:	CH 1228
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	410	Elevation:	360.29999
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	07-JAN-68
Local Permit #:	Not Reported		
Owner ID:	11063	Ownership Date:	07-JAN-68

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	11064	Ownership Date:	06-JUN-84
Construction Date:	07-JAN-68	Driller:	0514
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	1120.
Static Water Level (ft):	22.	Agency Providing Data:	Reported
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	17.
Production Water Level (ft):	39.	Test Length (min):	Not Reported
Yield (gmp/ft):	66.2	Date Discharged:	01-JUL-71
SiteStatus at Test:	Not Reported		
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	LIONVILLE 3	Assigned By:	OWNER PA
Other Identifier:	D-69- 12 CP	Assigned By:	DRBC
Other Identifier:	D-76- 54 CP	Assigned By:	DRBC
Other Identifier:	CH- 122	Assigned By:	DRBC-PA

**J34  
SSW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40001005776**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2734	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers	Aquifer Type:	Not Reported
Formation Type:	Conestoga Formation	Well Depth:	230
Construction Date:	19810709	Well Hole Depth:	Not Reported
Well Depth Units:	ft		
Well Hole Depth Units:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1981-07-09
Feet below surface:	15.90	Feet to sea level:	Not Reported
Note:	Not Reported		

**J35**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000010944**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10946	Local Well #:	CH 2734
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	230	Elevation:	290
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	09-JUL-81
Local Permit #:	Not Reported		
Owner ID:	10969	Ownership Date:	09-JUL-81
Construction Date:	09-JUL-81	Driller:	0904
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	15.9
Discharge:	36.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	200.	Test Length (min):	2.
Yield (gmp/ft):	0.21	Date Discharged:	09-JUL-81
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**K36**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000012821**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12823	Local Well #:	CH 1315
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	107	Elevation:	340
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-52

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	12913	Ownership Date:	01-JAN-52
Owner ID:	12914	Ownership Date:	01-JAN-74
Construction Date:	01-JAN-52	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	200.
Static Water Level (ft):	22.	Agency Providing Data:	Reported
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	30.	Drawdown (ft):	8.
Yield (gmp/ft):	25.	Test Length (min):	48.
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-52
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	1	Assigned By:	OWNER PA

**I37  
SE  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40001005814**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2735	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19780621	Well Depth:	376
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		
Ground water levels,Number of Measurements:	30	Level reading date:	1992-05-07
Feet below surface:	27.22	Feet to sea level:	Not Reported
Note:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1992-04-06	Feet below surface:	24.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-03-10	Feet below surface:	27.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	28.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-03	Feet below surface:	28.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-06	Feet below surface:	29.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-11-05	Feet below surface:	30.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-10-01	Feet below surface:	30.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-11	Feet below surface:	30.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-08-13	Feet below surface:	30.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-12	Feet below surface:	29.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-13	Feet below surface:	29.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-02	Feet below surface:	25.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-04-08	Feet below surface:	24.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-26	Feet below surface:	25.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-13	Feet below surface:	26.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-22	Feet below surface:	12.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-06	Feet below surface:	29.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-08	Feet below surface:	30.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-16	Feet below surface:	30.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-11	Feet below surface:	29.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	29.16
Feet to sea level:	Not Reported	Note:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1990-07-02	Feet below surface:	26.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-01	Feet below surface:	25.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	25.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	26.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-01	Feet below surface:	25.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-01	Feet below surface:	19.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-01-02	Feet below surface:	28.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-06-11	Feet below surface:	23.26
Feet to sea level:	Not Reported	Note:	Not Reported

**I38  
SE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000010958**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10960	Local Well #:	CH 2735
Aquifer:	367CNSG	Topography:	Hillside
Well Depth:	376	Elevation:	345
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	21-JUN-78
Local Permit #:	Not Reported		
Owner ID:	10983	Ownership Date:	11-JUN-84
Construction Date:	21-JUN-78	Driller:	0084
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	Not Reported
Discharge:	0.	WL Measurement Method:	Not Reported
Agency Providing Data:	Not Reported	Drawdown (ft):	Not Reported
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	21-JUN-78
SiteStatus at Test:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	23.3	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	11-JUN-84		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**K39  
ENE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000012820**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12822	Local Well #:	CH 1316
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	85	Elevation:	340
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	13-JUN-53
Local Permit #:	Not Reported		
Owner ID:	12912	Ownership Date:	13-JUN-53
Construction Date:	13-JUN-53	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	150.
Static Water Level (ft):	22.	Agency Providing Data:	Reported
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	10.
Production Water Level (ft):	32.	Test Length (min):	8.
Yield (gmp/ft):	15.	Date Discharged:	01-SEP-53
SiteStatus at Test:	Not Reported		
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Identifier: 2 Assigned By: OWNER PA

**H40**  
North  
1/2 - 1 Mile  
Higher

**PA WELLS PASI60000011059**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11061	Local Well #:	CH 2193
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	120	Elevation:	370
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	22-OCT-71
Local Permit #:	Not Reported		
Owner ID:	11092	Ownership Date:	22-OCT-71
Construction Date:	01-JAN-71	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	7.
Static Water Level (ft):	30.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	119.	Drawdown (ft):	89.
Yield (gmp/ft):	8.e-002	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	22-OCT-71
Lithology:	METAMORPHIC (UNDIFFERENTIATED)		
Contributing Unit:	Primary	Top of Interval:	Not Reported
Bottom of Interval:	Not Reported		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**L41**  
North  
1/2 - 1 Mile  
Higher

**FED USGS USGS40001006295**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2193	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	19711022	Well Depth:	120
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:	1971-10-22
Feet below surface:	30.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**L42  
NNW  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000110752**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110856	Local Well #:	6033N
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	150	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	01-JAN-79
Local Permit #:	Not Reported		

Owner ID:	110133	Ownership Date:	Not Reported
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Construction Date:	01-JAN-79	Driller:	1365
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	5.
Static Water Level (ft):	35.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	50.	Drawdown (ft):	15.
Yield (gmp/ft):	Not Reported	Test Length (min):	0.67
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-79

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments:                      Usgs#Ch-1093

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**M43**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001005741**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 307	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19580101	Well Depth:	139
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**N44**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000011064**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11066	Local Well #:	CH 1093
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	150	Elevation:	450
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	11098	Ownership Date:	31-DEC-79
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Construction Date:	Not Reported	Driller:	1365
Source of Construction Data:	USGS OR PAGS	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	5.
Static Water Level (ft):	35.	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	15.	Yield (gmp/ft):	0.33
Test Length (min):	0.7	SiteStatus at Test:	Not Reported
Date Discharged:	26-JUN-87		

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	59.8	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	ELECTRIC TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	SITE HAD BEEN PUMPED RECENTLY
Date Discharged:	26-JUN-87		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	6033	Assigned By:	PAGS

**M45  
SSE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000012814**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12816	Local Well #:	CH 307
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	139	Elevation:	340
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-58
Local Permit #:	Not Reported		
Owner ID:	12906	Ownership Date:	31-DEC-58
Construction Date:	01-JAN-58	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	100.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**N46**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001006306**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 1093	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	150
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:	1987-06-26
Feet below surface:	59.85	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

**O47**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000010932**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10934	Local Well #:	CH 306
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	338	Elevation:	350
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-58
Local Permit #:	Not Reported		

Owner ID:	10956	Ownership Date:	31-DEC-58
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Construction Date:	01-JAN-58	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	3.
Static Water Level (ft):	29.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	Production Water Level (ft):	330.
Drawdown (ft):	301.	Yield (gmp/ft):	1.e-002
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	01-JAN-58		

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**P48  
SE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000110895**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110999	Local Well #:	X 0918
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	01-JAN-68
Local Permit #:	Not Reported		
Owner ID:	110276	Ownership Date:	Not Reported
Construction Date:	01-JAN-68	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	3.
Static Water Level (ft):	10.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	240.
Production Water Level (ft):	Not Reported	Test Length (min):	Not Reported
Yield (gmp/ft):	Not Reported	Date Discharged:	01-JAN-68
SiteStatus at Test:	Not Reported		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

**O49  
SSE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40001005707**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 306	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19580101	Well Depth:	338
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:	1958-01-01
Feet below surface:	29.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**P50  
SE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000110930**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111034	Local Well #:	X 2786
Aquifer:	367CNSG	Topography:	Not Reported
Well Depth:	240	Elevation:	0
Site Type:	W	Depth to Bedrock:	18
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	110309	Ownership Date:	Not Reported
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Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	Not Reported
Static Water Level (ft):	28.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	210.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported

Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**Q51**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001005760**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2190	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19730101	Well Depth:	489
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:	1974-12-01
Feet below surface:	19.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**Q52**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000010940**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10942	Local Well #:	CH 2190
Aquifer:	367CNSG	Topography:	Hillside
Well Depth:	489	Elevation:	360
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-73
Local Permit #:	Not Reported		

Owner ID:	10965	Ownership Date:	22-JAN-86
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Construction Date:	01-JAN-73	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	1.
Static Water Level (ft):	19.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	507.	Drawdown (ft):	488.
Yield (gmp/ft):	0.	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	01-DEC-74

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**R53**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001005742**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 81	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19811002	Well Depth:	145
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:	1986-07-07
Feet below surface:	56.28	Feet to sea level:	Not Reported
Note:	The site was being pumped.		

**R54**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000010935**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10937	Local Well #:	CH 81
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	145	Elevation:	300
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	02-OCT-81
Local Permit #:	Not Reported		

Owner ID:	10959	Ownership Date:	07-JUL-86
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Construction Date:	02-OCT-81	Driller:	0904
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	56.3	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	SITE WAS BEING PUMPED

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Discharged:	07-JUL-86		
Lithology:	LIMESTONE AND DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**S55**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000043185**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	43187	Local Well #:	CH 4828
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	125	Elevation:	395
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-DEC-54
Local Permit #:	Not Reported		
Owner ID:	42856	Ownership Date:	01-DEC-54
Construction Date:	01-DEC-54	Driller:	0308
Source of Construction Data:	Not Reported	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Lithology:	QUARTZITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	25-MAY-95

**S56**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001006098**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 4828	Type:	Well
Description:	Not Reported	HUC:	02040205

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	195412	Well Depth:	125
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:	1994-06-13
Feet below surface:	82.5	Feet to sea level:	Not Reported
Note:	Not Reported		

**T57**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110756**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110860	Local Well #:	6039N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	80	Elevation:	0
Site Type:	W	Depth to Bedrock:	65
Saltwater Zone:	0	Date Drilled:	01-JUN-85
Local Permit #:	Not Reported		

Owner ID:	110137	Ownership Date:	Not Reported
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Construction Date:	01-JUN-85	Driller:	248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	20.
Static Water Level (ft):	20.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	2.
Site Status at Test:	Not Reported	Date Discharged:	01-JUN-85

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments:                      Rt=White Ls; Cm=Steel

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**58**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000110931**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111035	Local Well #:	X 2787
Aquifer:	367CNSG	Topography:	Not Reported
Well Depth:	240	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110310	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	4.
Static Water Level (ft):	17.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	223.
Production Water Level (ft):	Not Reported	Test Length (min):	1.
Yield (gmp/ft):	Not Reported	Date Discharged:	Not Reported
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

**59**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000389239**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	460	Elevation:	0
Site Type:	W	Depth to Bedrock:	65
Saltwater Zone:	0	Date Drilled:	17-MAY-10
Local Permit #:	068188		
Owner ID:	7445461	Ownership Date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	J	Date of Use:	Not Reported
Water Use:	GEOTHERMAL	Notes:	Not Reported

**60**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000110754**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110858	Local Well #:	6037N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	75
Saltwater Zone:	0	Date Drilled:	09-MAY-79
Local Permit #:	Not Reported		
Owner ID:	110135	Ownership Date:	Not Reported
Construction Date:	09-MAY-79	Driller:	1365
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	50.
Discharge:	0.5	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	100.
Production Water Level (ft):	150.	Test Length (min):	0.75
Yield (gmp/ft):	Not Reported	Date Discharged:	09-MAY-79
SiteStatus at Test:	Not Reported		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Rt=Gray Sh		

**T61**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110781**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110885	Local Well #:	6065N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	45	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-OCT-84
Local Permit #:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	110162	Ownership Date:	Not Reported
Construction Date:	01-OCT-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	25.
Discharge:	1.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	20.
Production Water Level (ft):	45.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-OCT-84
SiteStatus at Test:	Not Reported		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=Steel		

**U62  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110790**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110894	Local Well #:	6074N
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	183	Elevation:	0
Site Type:	W	Depth to Bedrock:	7
Saltwater Zone:	0	Date Drilled:	29-OCT-80
Local Permit #:	Not Reported		
Owner ID:	110171	Ownership Date:	Not Reported
Construction Date:	29-OCT-80	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	31.
Discharge:	6.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	129.
Production Water Level (ft):	160.	Test Length (min):	4.
Yield (gmp/ft):	Not Reported	Date Discharged:	29-OCT-80
SiteStatus at Test:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**V63  
SE  
1/2 - 1 Mile  
Higher**

**FED USGS    USGS40001005771**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2736	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19770315	Well Depth:	240
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:	1984-06-11
Feet below surface:	21.56	Feet to sea level:	Not Reported
Note:	Not Reported		

**W64  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS    PASI60000110782**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110886	Local Well #:	6066N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	45	Elevation:	0
Site Type:	W	Depth to Bedrock:	17
Saltwater Zone:	0	Date Drilled:	01-NOV-84
Local Permit #:	Not Reported		

Owner ID:	110163	Ownership Date:	Not Reported
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Construction Date:	01-NOV-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	0.5	Static Water Level (ft):	28.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	45.	Drawdown (ft):	17.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Yield (gmp/ft):	Not Reported	Test Length (min):	0.5
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-84
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=Steel		

**V65  
SE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000010942**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10944	Local Well #:	CH 2736
Aquifer:	367CNSG	Topography:	Hilltop
Well Depth:	240	Elevation:	375
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	15-MAR-77
Local Permit #:	Not Reported		
Owner ID:	10967	Ownership Date:	11-JUN-84
Construction Date:	15-MAR-77	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known		
Discharge:	1.5	Static Water Level (ft):	88.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	238.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	1.e-002	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	15-MAR-77
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	21.6	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	11-JUN-84		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use:	IRRIGATION	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**U66  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110789**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110893	Local Well #:	6073N
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	208	Elevation:	0
Site Type:	W	Depth to Bedrock:	9
Saltwater Zone:	0	Date Drilled:	18-MAR-81
Local Permit #:	Not Reported		
Owner ID:	110170	Ownership Date:	Not Reported
Construction Date:	18-MAR-81	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	24.
Discharge:	5.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	146.
Production Water Level (ft):	170.	Test Length (min):	3.
Yield (gmp/ft):	Not Reported	Date Discharged:	18-MAR-81
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**W67  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110783**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110887	Local Well #:	6067N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	45	Elevation:	0
Site Type:	W	Depth to Bedrock:	32
Saltwater Zone:	0	Date Drilled:	01-OCT-84

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	110164	Ownership Date:	Not Reported
Construction Date:	01-OCT-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	28.
Discharge:	0.5	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	17.
Production Water Level (ft):	45.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-OCT-84
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=9'Slotted T + C--25'Solid T + C		

**X68  
SSE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40001005666**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 308	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	19580101	Well Depth:	253
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		
Ground water levels,Number of Measurements:	30	Level reading date:	1992-05-07
Feet below surface:	9.40	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1992-04-06	Feet below surface:	8.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-03-10	Feet below surface:	9.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	10.23

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-03	Feet below surface:	10.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-06	Feet below surface:	9.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-11-05	Feet below surface:	12.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-10-01	Feet below surface:	11.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-13	Feet below surface:	11.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-08-13	Feet below surface:	11.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-12	Feet below surface:	10.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-20	Feet below surface:	9.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-02	Feet below surface:	7.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-04-08	Feet below surface:	7.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-26	Feet below surface:	6.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-13	Feet below surface:	7.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-22	Feet below surface:	6.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-06	Feet below surface:	9.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-08	Feet below surface:	11.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-16	Feet below surface:	11.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-11	Feet below surface:	10.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	10.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	8.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-01	Feet below surface:	6.84
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1990-05-02	Feet below surface:	8.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	8.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-01	Feet below surface:	7.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-01	Feet below surface:	6.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-01-02	Feet below surface:	10.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-01-01	Feet below surface:	16.00
Feet to sea level:	Not Reported	Note:	Not Reported

**X69  
SSE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000010922**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10924	Local Well #:	CH 308
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	253	Elevation:	320
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-58
Local Permit #:	Not Reported		
Owner ID:	10946	Ownership Date:	31-DEC-58
Construction Date:	01-JAN-58	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	10.
Static Water Level (ft):	16.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	Production Water Level (ft):	238.
Drawdown (ft):	222.	Yield (gmp/ft):	5.e-002
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	01-JAN-58		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**W70**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110780**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110884	Local Well #:	6064N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	45	Elevation:	0
Site Type:	W	Depth to Bedrock:	13
Saltwater Zone:	0	Date Drilled:	01-OCT-84
Local Permit #:	Not Reported		
Owner ID:	110161	Ownership Date:	Not Reported
Construction Date:	01-OCT-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	29.
Discharge:	0.25	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	16.
Production Water Level (ft):	45.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-OCT-84
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=Steel		

**U71**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110769**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110873	Local Well #:	6053N
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	290	Elevation:	0
Site Type:	W	Depth to Bedrock:	7
Saltwater Zone:	0	Date Drilled:	13-JUL-81
Local Permit #:	Not Reported		
Owner ID:	110150	Ownership Date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	13-JUL-81	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	20.
Discharge:	3.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	200.
Production Water Level (ft):	220.	Test Length (min):	3.
Yield (gmp/ft):	Not Reported	Date Discharged:	13-JUL-81
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**U72  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110788**

Database:	Pennsylvania Groundwater Information System	Local Well #:	6072N
GWIS ID:	110892	Topography:	Valley Flat
Aquifer:	367CNSG	Elevation:	0
Well Depth:	208	Depth to Bedrock:	8
Site Type:	W	Date Drilled:	13-MAR-81
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	110169	Ownership Date:	Not Reported
Construction Date:	13-MAR-81	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	23.
Discharge:	3.5	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	157.
Production Water Level (ft):	180.	Test Length (min):	3.
Yield (gmp/ft):	Not Reported	Date Discharged:	13-MAR-81
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**W73**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110784**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110888	Local Well #:	6068N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	45	Elevation:	0
Site Type:	W	Depth to Bedrock:	12
Saltwater Zone:	0	Date Drilled:	01-OCT-84
Local Permit #:	Not Reported		
Owner ID:	110165	Ownership Date:	Not Reported
Construction Date:	01-OCT-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	30.
Discharge:	0.25	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	15.
Production Water Level (ft):	45.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-OCT-84
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=Steel		

**Y74**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110767**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110871	Local Well #:	6051N
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	230	Elevation:	0
Site Type:	W	Depth to Bedrock:	5
Saltwater Zone:	0	Date Drilled:	09-JUL-81
Local Permit #:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner ID:	110148	Ownership Date:	Not Reported
Construction Date:	09-JUL-81	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	26.
Discharge:	36.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	174.
Production Water Level (ft):	200.	Test Length (min):	2.
Yield (gmp/ft):	Not Reported	Date Discharged:	09-JUL-81
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**Z75  
WSW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110776**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110880	Local Well #:	6060N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	40	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	01-NOV-84
Local Permit #:	Not Reported		
Owner ID:	110157	Ownership Date:	Not Reported
Construction Date:	01-NOV-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	28.
Discharge:	0.75	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	12.
Production Water Level (ft):	40.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-NOV-84
SiteStatus at Test:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=15'Slotted T + C--25'Solid T + C Steel		

**U76  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110787**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110891	Local Well #:	6071N
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	43	Elevation:	0
Site Type:	W	Depth to Bedrock:	20
Saltwater Zone:	0	Date Drilled:	11-MAY-79
Local Permit #:	Not Reported		
Owner ID:	110168	Ownership Date:	Not Reported
Construction Date:	11-MAY-79	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	15.
Discharge:	60.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	10.
Production Water Level (ft):	25.	Test Length (min):	4.5
Yield (gmp/ft):	Not Reported	Date Discharged:	11-MAY-79
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**77  
SE  
1/2 - 1 Mile  
Higher**

**PA WELLS      PASI60000110749**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110853	Local Well #:	6030N
Aquifer:	367CNSG	Topography:	Hillside

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	376	Elevation:	0
Site Type:	W	Depth to Bedrock:	15
Saltwater Zone:	0	Date Drilled:	21-JUN-78
Local Permit #:	Not Reported		
Owner ID:	110130	Ownership Date:	Not Reported
Construction Date:	21-JUN-78	Driller:	84
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	21-JUN-78
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Rt=Trapp Rock Or Felsic Gneiss		

**W78  
WSW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110778**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110882	Local Well #:	6062N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	36	Elevation:	0
Site Type:	W	Depth to Bedrock:	10
Saltwater Zone:	0	Date Drilled:	01-NOV-84
Local Permit #:	Not Reported		
Owner ID:	110159	Ownership Date:	Not Reported
Construction Date:	01-NOV-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge:	0.75	Static Water Level (ft):	28.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	36.	Drawdown (ft):	8.
Yield (gmp/ft):	Not Reported	Test Length (min):	0.5
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-84
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Recovery Well; 24'6"Solid Steel--10'Solid Steel Screen		

**Z79**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110777**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110881	Local Well #:	6061N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	60	Elevation:	0
Site Type:	W	Depth to Bedrock:	10
Saltwater Zone:	0	Date Drilled:	01-NOV-84
Local Permit #:	Not Reported		
Owner ID:	110158	Ownership Date:	Not Reported
Construction Date:	01-NOV-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	28.
Discharge:	4.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	32.
Production Water Level (ft):	60.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-NOV-84
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Recovery Well; Steel T + C		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**80**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000218605**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219167	Local Well #:	Not Reported
Aquifer:	UNKNOWN	Topography:	Not Reported
Well Depth:	0	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	218137	Ownership Date:	Not Reported
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Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	Not Reported	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported

Other Identifier:	1150730	Assigned By:	PA DEP PWSID
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Comments:      Population Served = 60

**W81**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110779**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110883	Local Well #:	6063N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	45	Elevation:	0
Site Type:	W	Depth to Bedrock:	13
Saltwater Zone:	0	Date Drilled:	01-OCT-84
Local Permit #:	Not Reported		

Owner ID:	110160	Ownership Date:	Not Reported
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Construction Date:	01-OCT-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Finished with Mfg Well Screen	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Discharge:	0.25	Static Water Level (ft):	29.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	45.	Drawdown (ft):	16.
Yield (gmp/ft):	Not Reported	Test Length (min):	0.5
SiteStatus at Test:	Not Reported	Date Discharged:	01-OCT-84
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	MINE	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported
Comments:	Cm=Steel		

**AA82**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110753**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110857	Local Well #:	6035N
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	310	Elevation:	0
Site Type:	W	Depth to Bedrock:	9
Saltwater Zone:	0	Date Drilled:	24-OCT-78
Local Permit #:	Not Reported		
Owner ID:	110134	Ownership Date:	Not Reported
Construction Date:	24-OCT-78	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	9.
Discharge:	0.75	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	171.
Production Water Level (ft):	180.	Test Length (min):	4.
Yield (gmp/ft):	Not Reported	Date Discharged:	24-OCT-78
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**AA83**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110889**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110993	Local Well #:	X 0909
Aquifer:	367CNSG	Topography:	Hillside
Well Depth:	97	Elevation:	0
Site Type:	W	Depth to Bedrock:	25
Saltwater Zone:	0	Date Drilled:	01-JAN-68
Local Permit #:	Not Reported		
Owner ID:	110270	Ownership Date:	Not Reported
Construction Date:	01-JAN-68	Driller:	0904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	5.
Static Water Level (ft):	12.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	76.
Yield (gmp/ft):	Not Reported	Test Length (min):	3.
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-68
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

**AB84**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110786**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110890	Local Well #:	6070N
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	292	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	15-JUL-80
Local Permit #:	Not Reported		
Owner ID:	110167	Ownership Date:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	15-JUL-80	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	7.
Discharge:	1.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	243.
Production Water Level (ft):	250.	Test Length (min):	4.
Yield (gmp/ft):	Not Reported	Date Discharged:	15-JUL-80
SiteStatus at Test:	Not Reported		

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

<b>AC85</b> <b>SW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID:	15-30268	<b>AQUIFLOW</b>	<b>31463</b>
	Groundwater Flow:	S		
	Shallowest Water Table Depth:	12.76		
	Deepest Water Table Depth:	29.03		
	Average Water Table Depth:	Not Reported		
	Date:	07/16/1996		

<b>Y86</b> <b>SSW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>			<b>PA WELLS</b>	<b>PASI60000110768</b>		
	Database:	Pennsylvania Groundwater Information System				
	GWIS ID:	110872			Local Well #:	6052N
	Aquifer:	377LDGR			Topography:	Valley Flat
	Well Depth:	145			Elevation:	0
	Site Type:	W			Depth to Bedrock:	7
Saltwater Zone:	0	Date Drilled:	02-OCT-81			
Local Permit #:	Not Reported					

Owner ID:	110149	Ownership Date:	Not Reported
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Construction Date:	02-OCT-81	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	10.
Discharge:	4.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Production Water Level (ft):	125.	Drawdown (ft):	115.
Yield (gmp/ft):	Not Reported	Test Length (min):	3.
SiteStatus at Test:	Not Reported	Date Discharged:	02-OCT-81
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**AB87  
SW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110785**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110889	Local Well #:	6069N
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	415	Elevation:	0
Site Type:	W	Depth to Bedrock:	7
Saltwater Zone:	0	Date Drilled:	15-JAN-83
Local Permit #:	Not Reported		
Owner ID:	110166	Ownership Date:	Not Reported
Construction Date:	15-JAN-83	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	17.
Discharge:	1.5	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	383.
Production Water Level (ft):	400.	Test Length (min):	4.
Yield (gmp/ft):	Not Reported	Date Discharged:	15-JAN-83
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Rt=Gray Ls		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**Z88**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110886**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110990	Local Well #:	X 0906
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	135	Elevation:	0
Site Type:	W	Depth to Bedrock:	16
Saltwater Zone:	0	Date Drilled:	01-JAN-67
Local Permit #:	Not Reported		
Owner ID:	110267	Ownership Date:	Not Reported
Construction Date:	01-JAN-67	Driller:	0904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	35.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	6.
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-67
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**AB89**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001005685**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2161	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	19680101	Well Depth:	97
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements: 1      Level reading date: 1968-11-01  
 Feet below surface: 12.00      Feet to sea level: Not Reported  
 Note: Not Reported

**AC90**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110775**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110879	Local Well #:	6059N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	97	Elevation:	0
Site Type:	W	Depth to Bedrock:	42
Saltwater Zone:	0	Date Drilled:	01-NOV-84
Local Permit #:	Not Reported		
Owner ID:	110156	Ownership Date:	Not Reported
Construction Date:	01-NOV-84	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	30.
Discharge:	60.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	67.
Production Water Level (ft):	97.	Test Length (min):	0.5
Yield (gmp/ft):	Not Reported	Date Discharged:	01-NOV-84
SiteStatus at Test:	Not Reported		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Rt=Cl + Soft Ss; Cm=Steel		

**AD91**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001005940**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 4149	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	1929	Well Depth:	136
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**AD92**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000012521**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12523	Local Well #:	CH 4149
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	136	Elevation:	340
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-29
Local Permit #:	Not Reported		
Owner ID:	12588	Ownership Date:	01-JAN-92
Construction Date:	01-JAN-29	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	IRRIGATION	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AE93**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000010928**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10930	Local Well #:	CH 2161
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	97	Elevation:	290
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-68
Local Permit #:	Not Reported		
Owner ID:	10952	Ownership Date:	31-DEC-68
Construction Date:	01-JAN-68	Driller:	0904
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	5.
Static Water Level (ft):	12.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	88.	Drawdown (ft):	76.
Yield (gmp/ft):	7.e-002	Test Length (min):	3.
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-68
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	909	Assigned By:	PAGS

**AF94  
NW  
1/2 - 1 Mile  
Higher**

**PA WELLS PASI60000043226**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	43228	Local Well #:	CH 4827
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	0	Elevation:	550
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	42897	Ownership Date:	11-JUN-94
Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Lithology:	QUARTZITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency Site Use: Inventory Data Site Only Agency Use Date: 25-MAY-95

**AF95  
NW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40001006384**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 4827	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1994-06-11
Feet below surface:	41.24	Feet to sea level:	Not Reported
Note:	Not Reported		

**AG96  
SSW  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40001005642**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 4293	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**AG97  
SSW  
1/2 - 1 Mile  
Lower**

**PA WELLS PASI60000012539**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12541	Local Well #:	CH 4293
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	0	Elevation:	290
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	12606	Ownership Date:	Not Reported
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AH98  
WSW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000110926**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	111030	Local Well #:	X 2780
Aquifer:	377LDGR	Topography:	Not Reported
Well Depth:	98	Elevation:	0
Site Type:	W	Depth to Bedrock:	55
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	110305	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	0248
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	50.
Static Water Level (ft):	31.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	66.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**AI99**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001005849**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2497	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	19590101	Well Depth:	150
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:	1984-07-03
Feet below surface:	30.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**AI100**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000012817**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12819	Local Well #:	CH 2497
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	150	Elevation:	320
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-59
Local Permit #:	Not Reported		

Owner ID:	12909	Ownership Date:	01-JUN-83
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Construction Date:	01-JAN-59	Driller:	0561
Source of Construction Data:	WELL OWNER	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	500.	Static Water Level (ft):	30.
Agency Providing Data:	Well Owner	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
Site Status at Test:	Not Reported	Date Discharged:	03-JUL-84

Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	IRRIGATION	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	CH- 378 (?)	Assigned By:	DRBC-PA

**AJ101**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000012833**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12835	Local Well #:	CH 262
Aquifer:	377CCKS	Topography:	Hillside
Well Depth:	490	Elevation:	480
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-65
Local Permit #:	Not Reported		
Owner ID:	12926	Ownership Date:	01-JAN-65
Owner ID:	12927	Ownership Date:	01-JAN-80
Construction Date:	01-JAN-65	Driller:	0514
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	17.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		
Lithology:	CONGLOMERATE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**AJ102**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001006468**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 262	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	19650101	Well Depth:	490
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	29	Level reading date:	1992-05-07
Feet below surface:	3.75	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1992-04-06	Feet below surface:	3.71
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-03-06	Feet below surface:	4.18
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-02-04	Feet below surface:	4.23
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-01-03	Feet below surface:	4.26
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-12-06	Feet below surface:	4.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-11-05	Feet below surface:	4.35
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-10-01	Feet below surface:	4.24
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-09-13	Feet below surface:	5.20
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-08-13	Feet below surface:	3.94
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-07-12	Feet below surface:	3.77
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-06-13	Feet below surface:	3.32
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-05-02	Feet below surface:	4.53
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-04-08	Feet below surface:	2.82
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1991-03-26	Feet below surface:	2.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-13	Feet below surface:	3.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-31	Feet below surface:	3.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-26	Feet below surface:	4.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-08	Feet below surface:	4.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-16	Feet below surface:	4.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-11	Feet below surface:	5.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	3.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	3.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-01	Feet below surface:	2.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	4.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	2.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-01	Feet below surface:	2.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-01	Feet below surface:	2.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-01-02	Feet below surface:	3.29
Feet to sea level:	Not Reported	Note:	Not Reported

**AH103**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40001005796**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2192	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	19730226	Well Depth:	98
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1973-02-26
Feet below surface:	31.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**AH104**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000010952**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10954	Local Well #:	CH 2192
Aquifer:	377LDGR	Topography:	Hillside
Well Depth:	98	Elevation:	320
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	26-FEB-73
Local Permit #:	Not Reported		
Owner ID:	10977	Ownership Date:	26-FEB-73
Construction Date:	01-JAN-73	Driller:	0248
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	50.
Static Water Level (ft):	31.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN	Drawdown (ft):	66.
Production Water Level (ft):	97.	Test Length (min):	1.
Yield (gmp/ft):	0.76	Date Discharged:	26-FEB-73
SiteStatus at Test:	Not Reported		
Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AK105**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000011094**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11096	Local Well #:	CH 3916
Aquifer:	377CCKS	Topography:	Hilltop
Well Depth:	305	Elevation:	520
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-75

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local Permit #:	Not Reported		
Owner ID:	11128	Ownership Date:	01-JAN-75
Construction Date:	01-JAN-75	Driller:	0909
Source of Construction Data:	WELL OWNER	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	12.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	ELECTRIC TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	29-DEC-89		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	UNUSED	Date of Use:	Not Reported
Water Use:	UNUSED	Notes:	Not Reported
Agency Site Use:	Active Data Collection Site		
Agency Use Date:	Not Reported		

**AK106  
NNE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40001006460**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 3916	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Chickies Formation	Aquifer Type:	Not Reported
Construction Date:	1975	Well Depth:	305
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		
Ground water levels, Number of Measurements:	29	Level reading date:	1992-05-07
Feet below surface:	17.51	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1992-04-06	Feet below surface:	18.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-03-06	Feet below surface:	21.08

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	20.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-03	Feet below surface:	20.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-06	Feet below surface:	19.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-11-05	Feet below surface:	19.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-10-01	Feet below surface:	17.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-13	Feet below surface:	16.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-08-13	Feet below surface:	13.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-12	Feet below surface:	11.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-13	Feet below surface:	9.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-02	Feet below surface:	6.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-04-08	Feet below surface:	7.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-26	Feet below surface:	8.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-13	Feet below surface:	10.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-31	Feet below surface:	9.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-08	Feet below surface:	14.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-16	Feet below surface:	13.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-11	Feet below surface:	11.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	9.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	6.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-01	Feet below surface:	5.23
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1990-05-02	Feet below surface:	6.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	6.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-01	Feet below surface:	6.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-01	Feet below surface:	7.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-01-02	Feet below surface:	11.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-12-29	Feet below surface:	12.05
Feet to sea level:	Not Reported	Note:	Not Reported

**AL107**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001005647**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2737	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1986-06-27
Feet below surface:	23.4	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1984-06-11	Feet below surface:	18.18
Feet to sea level:	Not Reported	Note:	Not Reported

**AL108**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000010921**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10923	Local Well #:	CH 2737
Aquifer:	367CNSG	Topography:	Hilltop
Well Depth:	0	Elevation:	375
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	10945	Ownership Date:	11-JUN-84
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	18.2	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	11-JUN-84		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**109**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001006013**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 5985	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	44
Well Depth Units:	ft	Well Hole Depth:	44
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	1	Level reading date:	1999-06-29
Feet below surface:	22.27	Feet to sea level:	Not Reported
Note:	Not Reported		

**AE110**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000218554**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	219115	Local Well #:	Not Reported
Aquifer:	UNKNOWN	Topography:	Not Reported
Well Depth:	0	Elevation:	0
Site Type:	W	Depth to Bedrock:	0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	218085	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	Not Reported	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	1150437	Assigned By:	PA DEP PWSID
Comments:	Population Served = 25		

**AG111**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000110747**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110851	Local Well #:	6027N
Aquifer:	377LDGR	Topography:	Flat Surface
Well Depth:	50	Elevation:	0
Site Type:	W	Depth to Bedrock:	28
Saltwater Zone:	0	Date Drilled:	11-MAY-83
Local Permit #:	Not Reported		
Owner ID:	110128	Ownership Date:	Not Reported
Construction Date:	11-MAY-83	Driller:	904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket	Static Water Level (ft):	7.
Discharge:	40.	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Agency Providing Data:	Drillers Record	Drawdown (ft):	33.
Production Water Level (ft):	40.	Test Length (min):	4.
Yield (gmp/ft):	Not Reported	Date Discharged:	11-MAY-83
SiteStatus at Test:	Not Reported		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use: INDUSTRIAL Notes: Not Reported  
Comments: Steel Drive Shoe

**AM112**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

FED USGS USGS40001005561

Organization ID: USGS-PA  
Organization Name: USGS Pennsylvania Water Science Center  
Monitor Location: CH 4292 Type: Well  
Description: Not Reported HUC: 02040205  
Drainage Area: Not Reported Drainage Area Units: Not Reported  
Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported  
Aquifer: Piedmont and Blue Ridge carbonate-rock aquifers  
Formation Type: Conestoga Formation Aquifer Type: Not Reported  
Construction Date: 1985 Well Depth: 152  
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: 1992-09-28  
Feet below surface: 27.35 Feet to sea level: Not Reported  
Note: Not Reported

**AG113**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

PA WELLS PASI60000110758

Database: Pennsylvania Groundwater Information System  
GWIS ID: 110862 Local Well #: 6041N  
Aquifer: 377LDGR Topography: Flat Surface  
Well Depth: 35 Elevation: 0  
Site Type: W Depth to Bedrock: 17  
Saltwater Zone: 0 Date Drilled: 06-DEC-82  
Local Permit #: Not Reported

Owner ID: 110139 Ownership Date: Not Reported

Construction Date: 06-DEC-82 Driller: 904  
Source of Construction Data: DRILLERS RECORD Construction Method: Not Reported  
How Finished: Unsupported (Uncased) Borehole Reason Abandoned: Not Reported  
Driller Well ID: Not Reported Original Driller Name: Not Reported  
Construction Type: New Well

Discharge Type: Unknown Data Source: DRILLERS RECORD  
Discharge Measurement Method: Voumetric, Watch and Bucket  
Discharge: 20. Static Water Level (ft): 9.  
Agency Providing Data: Drillers Record WL Measurement Method: REPORTED, METHOD NOT KNOWN  
Production Water Level (ft): 15. Drawdown (ft): 6.  
Yield (gmp/ft): Not Reported Test Length (min): 4.  
SiteStatus at Test: Not Reported Date Discharged: 06-DEC-82

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
 Site Use:	 WITHDRAWAL	 Date of Use:	 Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported

**AN114  
NE  
1/2 - 1 Mile  
Higher**

**PA WELLS    PASI60000011058**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	11060	Local Well #:	CH 2743
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	0	Elevation:	355
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
 Owner ID:	 11091	 Ownership Date:	 12-JUN-84
Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
 Discharge Type:	 Not Reported	 Data Source:	 Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	18.8	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	12-JUN-84		
 Lithology:	 DOLOMITE	 Contributing Unit:	 Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
 Site Use:	 WITHDRAWAL	 Date of Use:	 Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
 Agency Site Use:	 Inventory Data Site Only	 Agency Use Date:	 Not Reported
 Other Identifier:	 STRAWBRIDGE	 Assigned By:	 OWNER PA

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**AN115**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001006294**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2743	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1984-06-12
Feet below surface:	18.77	Feet to sea level:	Not Reported
Note:	Not Reported		

**AO116**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000110809**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	110913	Local Well #:	7312N
Aquifer:	WISSAHICKON FORMATION	Topography:	Flat Surface
Well Depth:	27	Elevation:	0
Site Type:	W	Depth to Bedrock:	3
Saltwater Zone:	0	Date Drilled:	01-APR-86
Local Permit #:	Not Reported		

Owner ID:	110190	Ownership Date:	Not Reported
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Construction Date:	01-APR-86	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	1.
Static Water Level (ft):	20.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	27.	Drawdown (ft):	7.
Yield (gmp/ft):	Not Reported	Test Length (min):	0.5
Site Status at Test:	Not Reported	Date Discharged:	01-APR-86

Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	TEST	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Cas.Mat=Steel;3ft=Fill;27ft=Rotten Limestone		

**AO117**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000110810**

Database:	Pennsylvania Groundwater Information System	Local Well #:	7313N
GWIS ID:	110914	Topography:	Flat Surface
Aquifer:	WISSAHICKON FORMATION	Elevation:	0
Well Depth:	21	Depth to Bedrock:	3
Site Type:	W	Date Drilled:	01-APR-86
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	110191	Ownership Date:	Not Reported
Construction Date:	01-APR-86	Driller:	188
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	New Well		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	2.
Static Water Level (ft):	15.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	21.	Drawdown (ft):	6.
Yield (gmp/ft):	Not Reported	Test Length (min):	0.5
SiteStatus at Test:	Not Reported	Date Discharged:	01-APR-86
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	TEST	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Cas.Mat=Steel;3ft=Fill;21ft=Rotten Limestone		

**AP118**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001005589**

Organization ID:	USGS-PA	Type:	Well
Organization Name:	USGS Pennsylvania Water Science Center	HUC:	02040205
Monitor Location:	CH 2730	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Ledger Formation	Aquifer Type:	Not Reported
Construction Date:	19790511	Well Depth:	43
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1991-09-11
Feet below surface:	12.33	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1984-06-08	Feet below surface:	7.58
Feet to sea level:	Not Reported	Note:	Not Reported

**AP119  
SSW  
1/2 - 1 Mile  
Lower**

**PA WELLS      PASI60000010905**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	10907	Local Well #:	CH 2730
Aquifer:	377LDGR	Topography:	Valley Flat
Well Depth:	43	Elevation:	298
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	11-MAY-79
Local Permit #:	Not Reported		

Owner ID:	10929	Ownership Date:	01-JAN-82
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Owner ID:	42787	Ownership Date:	01-JAN-86
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Construction Date:	11-MAY-79	Driller:	0904
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Air Rotary
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		

Discharge Type:	Pumped	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Reported, Method not known	Static Water Level (ft):	15.
Discharge:	60.	WL Measurement Method:	Not Reported
Agency Providing Data:	Drillers Record	Drawdown (ft):	Not Reported
Production Water Level (ft):	25.	Test Length (min):	4.5
Yield (gmp/ft):	6.	Date Discharged:	11-MAY-79
SiteStatus at Test:	Not Reported		

Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	7.58	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	08-JUN-84		

Lithology:	DOLOMITE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AP120**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000420547**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	700	Elevation:	0
Site Type:	W	Depth to Bedrock:	14
Saltwater Zone:	0	Date Drilled:	14-MAY-14
Local Permit #:	071402		
Owner ID:	7483870	Ownership Date:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	4.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Well Was Hydrofraced And Pump Tested At 4-5 Gpm		

**AP121**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS      PASI60000420549**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	35	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	22-MAY-14
Local Permit #:	Not Reported		
Owner ID:	7483897	Ownership Date:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments: Well Was Abandoned Using 6 Bags Of Bentointe Grout

**AM122**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**PA WELLS PASI60000012512**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	12514	Local Well #:	CH 4292
Aquifer:	367CNSG	Topography:	Valley Flat
Well Depth:	152	Elevation:	315
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-85
Local Permit #:	Not Reported		
Owner ID:	12579	Ownership Date:	01-JAN-85
Construction Date:	01-JAN-85	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	27.3	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	28-SEP-92		
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Lithology:	UNKNOWN	Contributing Unit:	Secondary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AO123**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS PASI600000389464**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	65	Elevation:	0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	02-JUN-10
Local Permit #:	M008645		

Owner ID:	7465424	Ownership Date:	Not Reported
-----------	---------	-----------------	--------------

Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At The Former Coley Pontiax Dealership Located At 421 West Lincoln Hwy., Exton, Pa

**AO124**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000409494**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	65	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	24-OCT-12
Local Permit #:	M008645		

Owner ID:	7472817	Ownership Date:	Not Reported
-----------	---------	-----------------	--------------

Site Use:	K	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Comments: The Site Is At The Former Coley Pontiac Dealership Located At 421 W. Lincoln Hwy., Exton, Pa Note: The Numbers Of Bags Used For The Abandonment ( 1.5 )

**AQ125**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001005785**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	CH 2412	Type:	Well
Description:	Not Reported	HUC:	02040205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge carbonate-rock aquifers		
Formation Type:	Conestoga Formation	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1984-06-15
Feet below surface:	6.73	Feet to sea level:	Not Reported
Note:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**AQ126**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI60000012815**

Database:	Pennsylvania Groundwater Information System	Local Well #:	CH 2412
GWIS ID:	12817	Topography:	Valley Flat
Aquifer:	367CNSG	Elevation:	350
Well Depth:	0	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	Not Reported
Saltwater Zone:	0		
Local Permit #:	Not Reported		
Owner ID:	12907	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unsupported (Uncased) Borehole	Reason Abandoned:	Not Reported
Driller Well ID:	Not Reported	Original Driller Name:	Not Reported
Construction Type:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	6.73	Agency Providing Data:	Usgs Or Pags
WL Measurement Method:	STEEL TAPE	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	15-JUN-84		
Lithology:	LIMESTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

**AR127**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**PA WELLS      PASI600000388637**

Database:	Pennsylvania Groundwater Information System	Local Well #:	Not Reported
GWIS ID:	0	Topography:	Not Reported
Aquifer:	Not Reported	Elevation:	0
Well Depth:	65	Depth to Bedrock:	0
Site Type:	W	Date Drilled:	02-JUN-10
Saltwater Zone:	0		
Local Permit #:	M008644		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database

EDR ID Number

**4G**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

Site ID: 15-30268  
Groundwater Flow: S  
Shallowest Water Table Depth: 12.76  
Deepest Water Table Depth: 29.03  
Average Water Table Depth: Not Reported  
Date: 07/16/1996

**AQUIFLOW**    **31463**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: PA Radon

### Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
19341	3111	0	127.2	3.5

EPA Region 3 Statistical Summary Readings for Zip Code: 19341

Number of sites tested: 1619.

Maximum Radon Level: 477.2 pCi/L.

Minimum Radon Level: 0.3 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
1233 (76.16%)	271 (16.74%)	78 (4.82%)	27 (1.67%)	7 (0.43%)	3 (0.19%)

Federal EPA Radon Zone for CHESTER County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

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

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

## 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

#### Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

## OTHER STATE DATABASE INFORMATION

#### Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are: Land Application -- An area where drilling cuttings or waste are disposed by land application; Well-- A well associated with oil and/or gas production; Pit -- An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

### RADON

#### State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

#### 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.



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### 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

### STREET AND ADDRESS INFORMATION

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**Appendix D  
Photographs**



5-Bay Garage



Interior of 5-Bay Garage



Tools storage in 5-Bay Garage



Flammables closet in 5-Bay Garage.



Natural gas heating unit in 5-bay garage



Brine tank outside of 5-bay garage



Maintenance building



Maintenance building



Shop area and above ground hydraulic lift in maintenance building



Floor drain in maintenance building



Sump and discharge hose in maintenance building



110-gallon hydraulic oil AST, 110-gallon motor oil AST, 180-gallon motor oil AST, and 180-gallon used oil AST in maintenance building





110-gallon DEF AST



De minimis staining in maintenance building



1,000-gallon diesel fuel AST with dispenser



6,000-gallon gasoline AST with dispenser



Septic tank manhole. Reportedly connected to leach field.



2 drums of waste antifreeze and 3 empty drums



Salt storage shed



1-bay garage building



Sewer manhole on eastern portion of Subject Property



GreenDrop trailers on eastern portion of Subject Property



Storage area on southwest portion of Subject Property



Storage area in central portion of Subject Property



**Appendix E**  
**Prior Environmental Reports**

ATTACHMENT 4

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

**UNDERGROUND STORAGE TANK SYSTEM  
CLOSURE REPORT FORM**

**15-42864**

Facility I.D.

**West Whiteland Township**

Municipality

**Chester**

County

**December 17, 1998**

Date Prepared

**Stavros G. Patselas**

Name of Person Submitting Report  
(Please Print)

**Lewis Environmental Group**

Company Name  
(If Applicable)

**Project Manager**

Title

Closure Method (Check all that apply):

- Removal
- Closure-In-Place
- Change-In-Service

Site Assessment Results (Check all that apply):

- No Obvious Contamination - Sample Results Meet Standards/Levels
- No Obvious Contamination - Sample Results Do Not Meet Standards/Levels
- Obvious, Localized Contamination - Sample Results Meet Standards/Levels
- Obvious, Localized Contamination - Sample Results Do Not Meet Standards/Levels
- Obvious, Extensive Contamination



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

DATE RECEIVED: \_\_\_\_\_

**UNDERGROUND STORAGE TANK SYSTEM  
 CLOSURE REPORT FORM**

Owners who are permanently closing underground storage tanks may use this form to demonstrate that an underground storage tank closure was performed in accordance with the "Closure Requirements for Underground Storage Tank Systems" document. PLEASE PRINT OR TYPE. COMPLETE ALL QUESTIONS.

**SECTION I. Owner/Facility/Tank/Waste Management and Disposal Information**

- 1. Facility ID Number 15-42864
- 2. Facility Name West Whiteland Township
- 3. Facility County Chester
- 4. Facility Municipality West Whiteland Township
- 5. Facility Address 222 North Pottstown Pike, Exton, PA 19341
- 6. Facility Contact Person Douglas R. Jones
- 7. Facility Telephone Number (610) 363-9525
- 8. Owner Name West Whiteland Township – Joseph P. Roscioli
- 9. Owner Mailing Address 222 North Pottstown Pike, Exton, PA 19341
- 10. Description of Underground Storage Tanks (Complete for each tank closed)

DATE OF TANK CLOSURE (Month/Day/Year)		10/27/98			
Tank Registration Number		001			
Estimated Total Capacity (Gallons)		10,000			
Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)	<b>a. Petroleum</b>				
	Unleaded Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Leaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Aviation Gasoline	<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"/>
	Jet Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Diesel Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	New Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Used Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other, Please Specify				
NOTE: If Hazardous Substance Block is Checked, Attach Material Safety Data Sheets (MSDS)	<b>b. Hazardous Substance</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Name of Principal CERCLA Substance				
	<b>AND</b> Chemical Abstract Service (CAS) No.				
	<b>c. Unknown</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Closure Method (Check Only One)	<b>a. Removal</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>b. Closure-in-Place</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>c. Change-In-Service</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partial System Closure (Yes or No)					

<b>DATE OF TANK CLOSURE (Month/Day/Year)</b>					
<b>Tank Registration Number</b>					
<b>Estimated Total Capacity (Gallons)</b>					
<b>Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)</b>	<b>a. Petroleum</b>				
	Unleaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Leaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Aviation Gasoline	<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"/>
	Jet Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Diesel Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	New Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Used Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other, Please Specify				
<b>NOTE: If Hazardous Substance Block is Checked, Attach Material Safety Data Sheets (MSDS)</b>	<b>b. Hazardous Substance</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Name of Principal CERCLA Substance				
	<b>AND</b> Chemical Abstract Service (CAS) No.				
	<b>c. Unknown</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Closure Method (Check Only One)</b>	<b>a. Removal</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>b. Closure-in-Place</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>c. Change-in-Service</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Partial System Closure (Yes or No)</b>					

Yes N/A

11. Briefly describe the storage tank facility and the nature of the operations which were conducted at the facility (both historical and present) **including use of tank** The facility and property are owned by West Whiteland Township. The tank was used to fuel township vehicles.

- 12. A site location and sampling map of the site, drawn to scale, is attached. See page 11 of 11.
- 13. Original, color photographs of the closure process are attached (i.e., inside of excavation/piping runs, pit water, tanks showing condition).
- 14. An amended "Registration of Storage Tanks" form was submitted to the DEP, Bureau of Watershed Conservation, Division of Storage Tanks, P.O. Box 8762, Harrisburg, PA 17105-8762.  
Date: February 19, 1999
- 15. If a reportable release was confirmed, the appropriate regional office of DEP was notified by the owner or operator.  
Date: \_\_\_\_\_ Office: \_\_\_\_\_

Yes N/A

16. If tank was cleaned on-site:  
a. Briefly describe the disposition of usable product: \_\_\_\_\_

b. Briefly describe the disposal of unusable product, sludges, sediments, and wastewater generated during cleaning. Provide the name and permit number of the processing, treatment, storage or disposal facility. (Attach documentation of proper disposal): Ninety (90) gallons of unleaded gasoline product was pumped out of the tank via a vacuum truck and transported to International Petroleum Company, Wilmington, DE (EPA I.D. # EED984073692). Approximately 15 gallons of tank bottoms (product and tank scale/sediment) was pumped from the tank into (1) 55-gallon drum for off-site disposal at Republic Environmental Systems, Hatfield, PA (EPA I.D. #PAD085690592).

c. If tank contents were determined/deemed to be hazardous waste, provide:  
(1) Generator ID Number: Small Quantity Generator  
(2) Licensed Hazardous Waste Transporter Name and ID Number: Lewis En Lewis Environmental Group – PADEP987378940

17. If tanks were removed from the site for cleaning:  
a. Provide the name and permit number of the processing, treatment, storage or disposal facility performing the tank cleaning: \_\_\_\_\_

b. If tank contents were determined/deemed to be hazardous waste, provide:  
(1) Generator ID Number: \_\_\_\_\_  
(2) Licensed Hazardous Waste Transporter Name and ID Number: \_\_\_\_\_

18. Briefly describe the disposition of tanks/piping (Attach documentation of proper disposal):  
The tank and all associated piping were hauled off-site by West Whiteland Township to Mayer Pollock Steel Corporation in Phoenixville, Pennsylvania on October 28, 1998.

19. If contaminated soil is excavated:  
a. Briefly describe the disposition and amount 0.0 (tons) of contaminated soil. Provide the name and permit number of the processing, treatment, storage or disposal facility. (Attach documentation of proper disposal):  
\_\_\_\_\_

b. If contaminated soil is determined/deemed to be hazardous waste, provide:  
(1) Generator ID Number: \_\_\_\_\_  
(2) Licensed Hazardous Waste Transporter Name and ID Number: \_\_\_\_\_

Yes N/A

20. Briefly describe the disposition of and amount \_\_\_\_\_(tons) of uncontaminated soil (attach analyses):

\_\_\_\_\_  
\_\_\_\_\_

I, Douglas R Jones, hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904 (relating to unsworn  
(Print Name)  
falsification to authorities) that I am the owner of the above referenced storage tank(s) and that the information provided  
by me in this closure report (Section I) is true, accurate and complete to the best of my knowledge and belief.

Douglas R Jones  
Signature of Tank Owner

2/17/99  
Date

Asst. Public Works Director  
for  
West Whiteland Township

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

**UNDERGROUND STORAGE TANK SYSTEM  
CLOSURE REPORT FORM**

**SECTION II. Tank Handling Information**

Facility ID Number 15-42864

Yes N/A

1. Briefly describe the excavation and initial on-site staging of uncontaminated/contaminated soil:  
Uncontaminated soil was excavated and stockpiled alongside the excavation until re-use as backfill. Contaminated soil was not encountered.
2. Briefly describe the method of piping system closure and the closure of the piping systems including the quantity and condition of the piping:  
A dispenser and approximately 10 feet of piping in good condition were flushed with water before being removed.
3. Briefly describe the condition of the tanks and any problems encountered during tank removal:  
The tank appeared to be in good condition. No holes were observed.
4. Briefly describe the method used to purge the tanks of and monitor for explosive vapors: \_\_\_\_\_  
Nitrogen was introduced into the tank and then monitored with a MSA 260 LEL/oxygen meter.
5. If tanks were cleaned on-site:
  - a. Briefly describe the tank cleaning process: A confined space entry permit was completed once acceptable entry conditions were achieved. The tank interior was wiped with absorbent pads and all sediments/tank scale containerized in (1) 55 gallon DOT approved drum.
  - b. If subcontracted, name and address of company that performed the tank cleaning: \_\_\_\_\_
6. If tanks were closed-in-place, briefly describe the tank fill material: \_\_\_\_\_
7. If contamination was suspected or observed, the "Notification of Contamination" form was submitted.

**SECTION II. (continued)**

I, John Stevenson, hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904 (relating to unsworn  
(Print Name)  
falsification to authorities) that I am the certified installer who performed the tank handling activities associated with the  
closure of the above referenced storage tank(s) and that the information provided by me in this closure report (Section I)  
is true, accurate and complete to the best of my knowledge and belief.

John Stevenson  
Signature of Certified Installer

12-16-98  
Date

3785  
Installer Certification Number

1371  
Company Certification Number

Lewis Environmental Group  
Company Name

P.O. Box 639  
Street

Royersford, PA 19468  
City/Town, State, Zip

(610) 495-6695  
Phone

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

**UNDERGROUND STORAGE TANK  
CLOSURE REPORT FORM**

**SECTION III. Site Assessment Information**

**Tank Registration # 001 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)**

**Facility ID Number 15-42864**

A. Provide depth of *BEDROCK* and *WATER* IF encountered during excavation or soil boring (write "N/A: if NOT encountered).

Bedrock N/A feet below land surface                      Water N/A feet below land surface

B. Provide Length of *PIPING* IF piping was closed-in-place (write "N/A" if NOT closed-in-place).

Length of piping N/A feet

**C. TANK SYSTEM REMOVED FROM THE GROUND**

1). Was obvious contamination observed while excavating?

NO -----> Conduct confirmatory sampling -----> See end of this section for options on submission and maintenance of closure records -----> Do not complete item C.2. below.

YES-----> Report release to DEP within 2 hours -----> Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills): -----> Complete item C.2. below.

2). Was contamination localized (within three feet of the tank system in every direction with no obvious water contamination)?

YES -----> Remove or remediate contaminated soil -----> Conduct confirmatory sampling-----> See end of this section for options on submission and maintenance of closure records -----> Call Indemnification Fund (717-787-0763).

NO-----> Continue interim remedial actions -----> See end of this section for options on submission and maintenance of closure records -----> Call Indemnification Fund (717-787-0763).

**D. TANK SYSTEM CLOSED-IN-PLACE OR CHANGED-IN-SERVICE**

Was obvious contamination observed during sampling, boring or assessing water depths?

NO -----> Conduct confirmatory sampling -----> See end of this section for options on submission and maintenance of closure records.

YES-----> Report release to DEP within 2 hours -----> Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

Continue with corrective action -----> See end of this section for options on submission and maintenance of closure records -----> Call Indemnification Fund (717-787-0763).

E. If the answer to C.1. is "no", the answer to C.2. is "yes" or the answer to D. is "no", confirmatory samples are required. Use the sample/analysis information sheet on page 10 of 11 to provide the information on confirmatory sampling and complete the diagram on Page 11 of 11.

**Options for Submission and Maintenance of Closure Site Assessment Records**

Records of the site assessment must be maintained for at least three years after completion of permanent closure or change-in-service in one of the following ways:

- (a) By the owners and operators who took the UST system out of service;
- (b) By the current owners and operators of the UST system site; or
- (c) By mailing these records to the implementing agency if they cannot be maintained at the closed facility.

At least one option must be chosen. If option (c) is chosen, the closure report form should be sent to the DEP regional office responsible for the county in which the tank is located.

Where the results of the site assessment indicate that obvious, localized soil contamination was encountered and the analytical results of the confirmatory sampling show levels below the statewide standard/action levels, this closure report form (Sections I, II, and III) or some other acceptable site characterization report must be received by the Department within 180 days of verbally reporting the release.

Where the results of the site assessment indicate that no obvious contamination or obvious, localized contamination was encountered, but the analytical results of the confirmatory sampling show levels above the statewide standard/action levels, or where there is obvious, extensive contamination, Section 245.310(a)(8) of the CAP regulation requires that details of removal from service be included in the site characterization report. A copy of the completed closure report form should be submitted as part of the site characterization report to satisfy the requirements of Section 245.310(a)(8) of the CAP regulations.

I, Stavros G. Patselas, hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904 (relating to unsworn (Print Name) falsification to authorities) that I am the person who performed the site assessment activities associated with the closure of the above referenced storage tank(s) and that the information provided by me in this closure report (Section III) is true, accurate and complete to the best of my knowledge and belief.

  
\_\_\_\_\_  
Signature of Person Performing Site Assessment

12/16/98  
\_\_\_\_\_  
Date

Project Manager  
\_\_\_\_\_  
Title of Person Performing Site Assessment

Lewis Environmental Group  
\_\_\_\_\_  
Name of Company Performing Site Assessment



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

## UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT FORM

Sample/Analysis Information  
(Attachment for Section III.)  
Facility ID Number 15-42864

Sample I.D. (See diagram)	Parameter	Analytical Method <sup>1</sup>		Media	Result (ppm)	Detection Limit (ppm)	Date Sample Taken	Date Sample Analyzed
WWT-01	Benzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-01	Toluene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-01	Ethylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-01	Xylenes	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-01	Isoprpylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-01	MTBE	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-01	Napthalene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	Benzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	Toluene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	Ethylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	Xylenes	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	Isoprpylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	MTBE	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-02	Napthalene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	Benzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	Toluene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	Ethylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	Xylenes	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	Isoprpylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	MTBE	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWT-03	Napthalene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWD-04	Benzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWD-04	Toluene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWD-04	Ethylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98

<sup>1</sup> Where EPA Method 5035 is required, indicate sample collection option in the right hand box of this column using the following codes:

- P - Samples placed in a soil sample vial with a preservative present.
- E - Samples collected and stored in a soil collection device which is airtight and affords little to no headspace.
- N - Samples placed in soil sample vial without a preservative present.

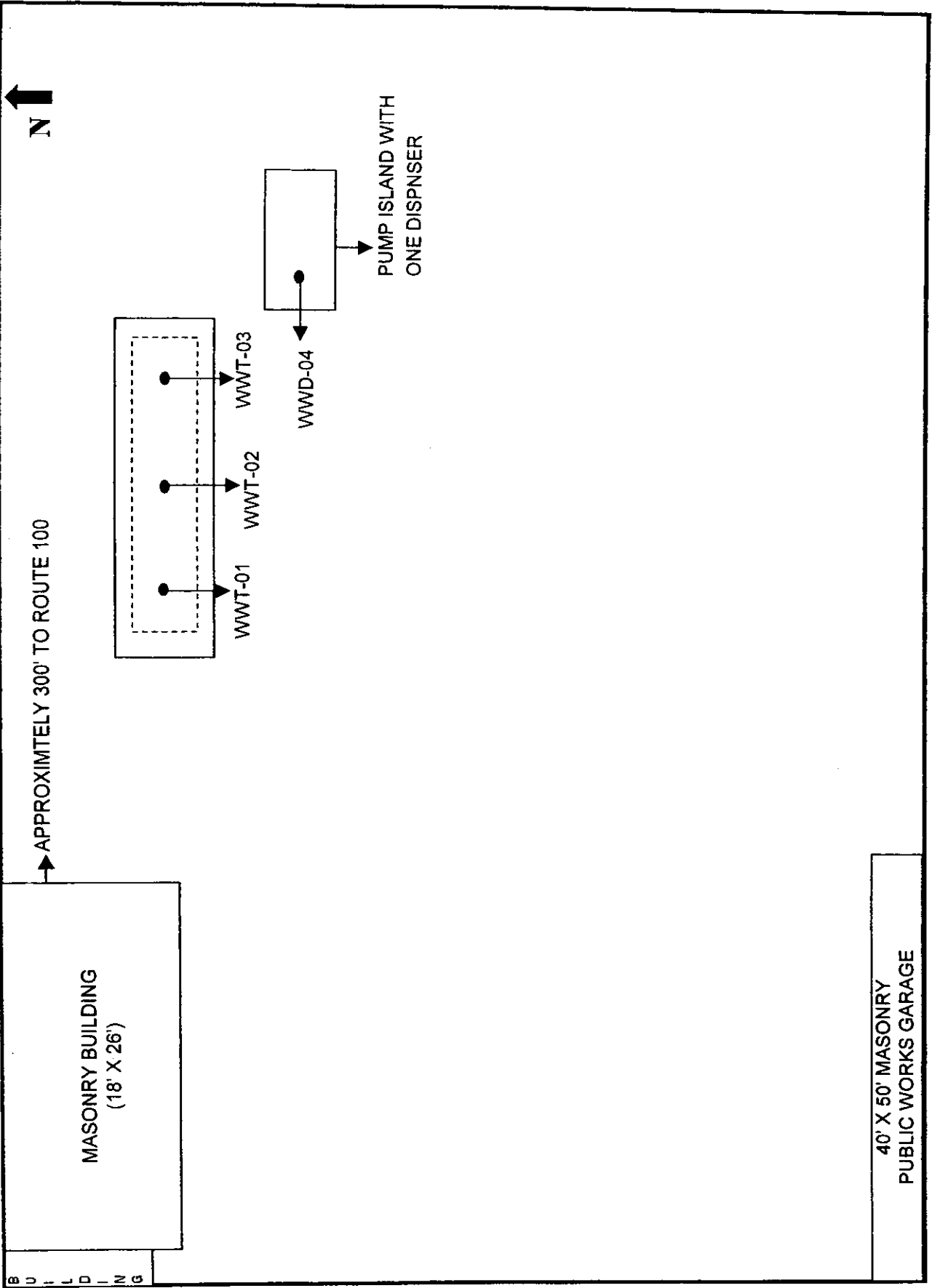
## UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT FORM

**Sample/Analysis Information**  
(Attachment for Section III.)  
Facility ID Number 15-42864

Sample I.D. (See diagram)	Parameter	Analytical Method <sup>1</sup>		Media	Result (ppm)	Detection Limit (ppm)	Date Sample Taken	Date Sample Analyzed
WWD-04	Xylenes	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWD-04	Isoprpylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWD-04	MTBE	8260	B	Soil	ND	0.125	10/27/98	11/3/98
WWD-04	Napthalene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	Benzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	Toluene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	Ethylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	Xylenes	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	Isoprpylbenzene	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	MTBE	8260	B	Soil	ND	0.125	10/27/98	11/3/98
Clean Fill	Napthalene	8260	B	Soil	ND	0.125	10/27/98	11/3/98

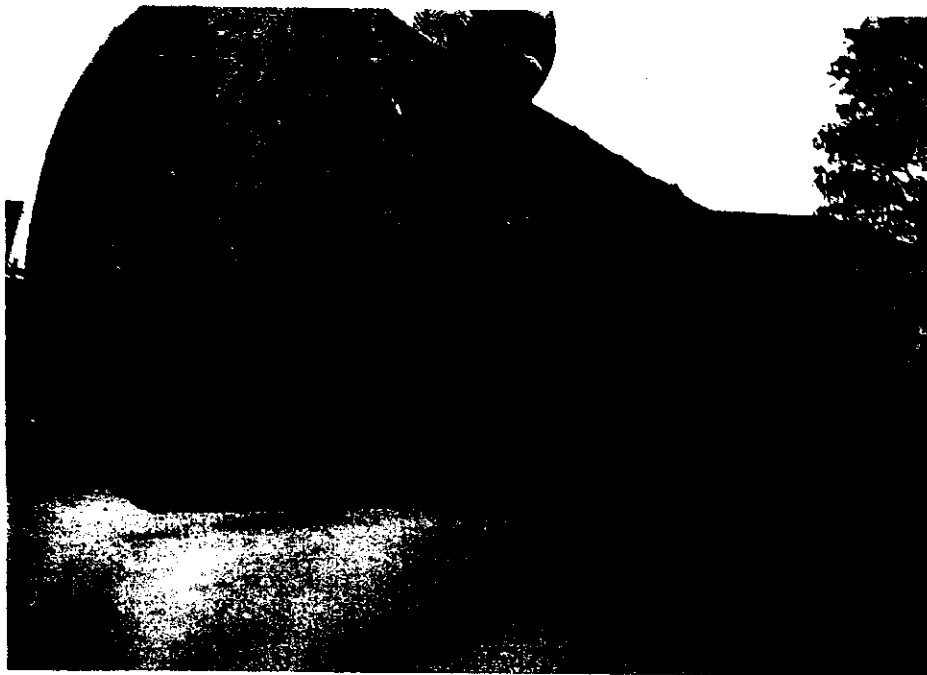
<sup>1</sup> Where EPA Method 5035 is required, indicate sample collection option in the right hand box of this column using the following codes:  
P - Samples placed in a soil sample vial with a preservative present.  
E - Samples collected and stored in a soil collection device which is airtight and affords little to no headspace.  
N - Samples placed in soil sample vial without a preservative present.

SITE AND SAMPLE LOCATION MAP  
WEST WHITELAND TOWNSHIP - PADEP FACILITY ID # 15-42864  
WEST WHITELAND TOWNSHIP, CHESTER COUNTY



SCALE: 1" = 10'

SITE PHOTOGRAPHS  
WEST WHITELAND TOWNSHIP - PADEP FACILITY ID # 15-42864  
WEST WHITELAND TOWNSHIP, CHESTER COUNTY



VIEW OF 10,000-GALLON UNLEADED GASOLINE UNDERGROUND STORAGE  
TANK (UST) SHOWING TANK CONDITION.



VIEW OF TANK EXCAVATION SHOWING BELOW GROUND SURFACE  
CONDITIONS.

## REGISTRATION/PERMITTING OF STORAGE TANKS

**\*\*\* INSTRUCTIONS ARE INCLUDED FOR YOUR REFERENCE.  
INCOMPLETE FORMS WILL BE RETURNED, DELAYING REGISTRATION AND PERMITTING. \*\*\***

### I. PURPOSE OF SUBMITTAL *(Check (✓) Those That Apply)*

- |  |  |   |
|--|--|---|
| <p><b>INITIAL</b></p> <input type="checkbox"/> Initial<br><input type="checkbox"/> Registration for Removal of Unregistered Tank(s)<br><input type="checkbox"/> Registration for Un-Registered Tank(s) Closed in Place | <p><b>AMENDED</b></p> <input type="checkbox"/> Changed Previous Info<br><input type="checkbox"/> Added Tank(s)<br><input checked="" type="checkbox"/> Tank(s) Temporarily Out of Use<br><input checked="" type="checkbox"/> Removed / Closed Tank(s)<br><input type="checkbox"/> Exempted Tank(s)<br><input type="checkbox"/> Changed from Regulated to Unregulated Substance or Use<br><input type="checkbox"/> Relocated Tank(s) | <p><b>CHANGE OF OWNERSHIP</b></p> <input type="checkbox"/> Sold <span style="margin-left: 100px;"><input type="checkbox"/> Purchased</span><br><input type="checkbox"/> All Tanks (Will Remain at Same Facility)<br><input type="checkbox"/> Some Tanks (Will Remain at Same Facility)<br><input type="checkbox"/> Some Tanks (Relocated to Another Regulated Facility)<br><input type="checkbox"/> Some Tanks (Relocated to a New Facility and the Tanks are to be Registered) |
|--|--|---|

STATE USE ONLY

### II. TANK OWNER / BUSINESS INFORMATION *(Type or Print Legibly)*

A. DEP CLIENT ID NO. (STATE USE ONLY) \_\_\_\_\_  
 Federal Tax ID No. (EIN or SSN)  
2 3 1 8 9 1 4 0 7  
 Owner Name WEST WHITELAND TOWNSHIP  
 Address 222 N. POTTSTOWN PIKE  
 City EXTON State PA Zip 19341  
 Phone No. ( 610 ) 363 9525  
 County CHESTER Municipality WEST WHITELAND TOWNSHIP  
 Type of Owner/Business *(Check Only One)*  
 Vol. Fire Co./EMS Org.     Corporate  
 Federal Government         Private (Business)  
 State Government             Private (Residential)  
 Local Government

B. CHANGE OF OWNERSHIP  
 The new owner is to complete all sections of this form including this section if some or all tanks have been purchased/transferred.  
 Effective Date of Change \_\_\_\_\_  
 Purchased/Transferred From:  
 (Previous Owner Name) \_\_\_\_\_  
 (Previous Owner Address) \_\_\_\_\_  
 (Previous Facility ID No.) \_\_\_\_\_  
 (Previous Tank No.(s)) \_\_\_\_\_

### III. FACILITY INFORMATION *(Type or Print Legibly)*

A. FACILITY ID NO. 1 5 - 4 2 8 6 4  
 Facility Name WEST WHITELAND TOWNSHIP  
 Location 222 N. POTTSTOWN PIKE  
*( PO Box NOT acceptable ) ( RR Box IS acceptable )*  
 City EXTON State PA Zip 19341  
 Phone No. ( 610 ) 363 9525  
 County CHESTER Municipality WEST WHITELAND TOWNSHIP  
 Type of Facility *(Check Only One)*  
 00 Unknown                       10 Federal, Military  
 01 Gas Station                     11 Commercial  
 02 Petroleum Distr                 12 Industrial  
 03 Air Taxi                          13 Residential  
 04 Aircraft Owner                  14 Contractor  
 05 Auto Dealership                15 Trucking/Transport  
 06 Railroad                         16 Utilities  
 07 Local Govt                     17 Farm  
 08 State Govt                      18 Convenience Store  
 09 Federal, Non-Military        99 Other

B. FIRE SAFETY PERMIT NO.  
 If applicable: \_\_\_\_\_  
 Issued by: \_\_\_\_\_

C. CONTACT (CHECK ONLY ONE)  
 Send all mail to the Owner address noted above.  
 Send all mail to the Facility address noted at left.  
 Send all mail to the Contact address noted below:  
 Name \_\_\_\_\_  
 Company Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone No. ( ) \_\_\_\_\_ - \_\_\_\_\_

SPECIFY

Facility ID No. 1 5 - 4 2 8 6 4 Facility Name WEST WHITELAND TOWNSHIP

**DESCRIPTION OF STORAGE TANKS** (Type or print legibly each regulated storage tank at this facility under your ownership.)

**ABOVEGROUND TANKS** List all tanks. If amending information, identify the Amended Tank(s) with an asterisk (\*) to the left of the tank number.

Tank Number	Status	Type	Install Date (Mo-Day-Yr)	Change of Status Date (Mo-Day-Yr)	Capacity (Gallons)	Substance Code (Currently or Last Stored)	CERCLA Name (If Hazardous Substance) Substance Name (If Other Petroleum Substance or Petroleum-Based Mixture)	CAS No. (If Hazardous Substance)	Exempt Reference Code (See Instructions)
A									
A									
A									
A									
A									
A									
A									
A									
A									
A									
A									
A									
A									
A									
A									

Use Codes: C - Currently in Use T - Temporarily Out of Use E - Exempt R - Removed P - Closed in Place  
M - Manufactured F - Field Constructed

**UNDERGROUND TANKS** List all tanks. If amending information, identify the Amended Tank(s) with an asterisk (\*) to the left of the tank number.

Tank Number	Status	Type	Install Date (Mo-Day-Yr)	Change of Status Date (Mo-Day-Yr)	Capacity (Gallons)	Substance Code (Currently or Last Stored)	CERCLA Name (If Hazardous Substance) Substance Name (If Other Petroleum Substance or Petroleum-Based Mixture)	CAS No. (If Hazardous Substance)	Exempt Reference Code (See Instructions)
01	R	M	9/1/82	10/27/98	10,000	A	GASOLINE	8006-61-9	

Use Codes: C - Currently in Use T - Temporarily Out of Use E - Exempt R - Removed P - Closed in Place  
M - Manufactured F - Field Constructed

Facility ID No. 1 5 - 4 2 8 6 4 Facility Name WEST WHITELAND TOWNSHIP

**V. INFORMATION FOR ABOVEGROUND AND UNDERGROUND NEW TANK INSTALLATIONS**  
 (Write the Tank Number(s) and place a check (✓) in the appropriate box for each component that was installed.)

	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number
<b>TANK CONSTRUCTION AND CORROSION PROTECTION (1)</b>												
(A) SINGLE WALL UNPROTECTED STEEL												
(B) CATHODICALLY PROTECTED STEEL (GALVANIC)												
(C) CATHODICALLY PROTECTED STEEL (IMPRESSED CURRENT)												
(D) DOUBLE WALL STEEL												
(E) SINGLE WALL FIBERGLASS												
(F) DOUBLE WALL FIBERGLASS												
(G) STEEL WITH PLASTIC OR FIBERGLASS JACKET												
(H) STEEL WITH FRP COATING												
(I) STEEL WITH LINED INTERIOR												
(J) CONCRETE												
(O) CATHODICALLY PROTECTED DOUBLE WALL STEEL (GALVANIC)												
(P) CATHODICALLY PROTECTED STEEL WITH LINER												
(Q) DOUBLE BOTTOM (AST'S ONLY)												
(R) MOLDED PLASTIC FORM (AST'S ONLY)												
(99) OTHER (SPECIFY)												
<b>UNDERGROUND PIPING CONSTRUCTION AND CORROSION PROTECTION (2)</b>												
(A) BARE STEEL												
(B) CATHODICALLY PROTECTED STEEL												
(C) COPPER												
(D) FIBERGLASS												
(E) FLEXIBLE (NON-METALLIC)												
(G) NONE												
(I) DOUBLE WALL STEEL												
(J) DOUBLE WALL FIBERGLASS												
(K) DOUBLE WALL PLASTIC												
(L) TRENCH LINER												
(M) JACKETED												
(99) OTHER (SPECIFY)												
<b>ABOVEGROUND PIPING CONSTRUCTION AND CORROSION PROTECTION (3)</b>												
(A) BARE STEEL												
(B) CATHODICALLY PROTECTED STEEL												
(C) COPPER												
(D) FIBERGLASS												
(E) FLEXIBLE (NON-METALLIC)												
(S) NONE												
(9) OTHER (SPECIFY)												
<b>PUMP (PIPING) SYSTEM (4)</b>												
(1) SUCTION: CHECK VALVE AT PUMP												
(2) SUCTION: CHECK VALVE AT TANK												
(3) PRESSURE												
(4) GRAVITY FED												
(5) NONE												
<b>PIPE RELEASE DETECTION METHOD (5)</b>												
(1) AUTOMATIC LINE LEAK DETECTOR												
(2) ANNUAL LINE TIGHTNESS TESTING (PRESSURE)												
(3) LINE TIGHTNESS TEST - 3 YEARS (SUCTION)												
(4) INTERSTITIAL MONITORING												
(5) GROUNDWATER MONITORING												
(6) VAPOR MONITORING												
(7) VISUAL INSPECTION												
(8) NONE												
(9) EXEMPT												
(10) STATISTICAL INVENTORY RECONCILIATION (SIR)												
(11) ELECTRONIC LINE LEAK DETECTOR												
(12) INTERSTITIAL MONITORING WITH CONTINUOUS ALARM OR SHUT OFF												

Detach this entire form and return with all appropriate signatures to the...

Facility ID No.

1 5 - 4 2 8 6 4

Facility Name WEST WHITELAND TOWNSHIP

**INFORMATION FOR ABOVEGROUND AND UNDERGROUND NEW TANK INSTALLATIONS (cont.)**

(Write the Tank Number(s) and place a check (✓) in the appropriate box for each component that was installed.)

	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number
<b>LEAK PREVENTION (6)</b>												
YES												
NO												
EXEMPT												
<b>REFILL PREVENTION PRESENT (7)</b>												
YES												
NO												
EXEMPT												
<b>SPILLAGE RECOVERY PRESENT (11)</b>												
STAGE I INSTALLED												
STAGE II INSTALLED												
STAGE I AND II INSTALLED												
NONE												
<b>LEAK RELEASE DETECTION METHOD (12)</b>												
MONTHLY INVENTORY CONTROL												
ANNUAL TANK TIGHTNESS TESTING												
TANK TIGHTNESS TESTING (EVERY 5 YEARS)												
STATISTICAL INVENTORY RECONCILIATION												
AUTOMATIC TANK GAUGING												
MANUAL TANK GAUGING (36 HRS.)												
MANUAL TANK GAUGING (44 OR 58 HRS.)												
INTERSTITIAL MONITORING (2 WALLS)												
INTERSTITIAL MONITORING (LINER)												
GROUNDWATER MONITORING												
VAPOR MONITORING												
GROOVES MADE IN THE IMPERMEABLE PAD												
SLOTTED PIPE ABOVE THE IMPERMEABLE PAD												
NONE												
EXEMPT												
VISUAL INSPECTION (ASTs ONLY)												
OTHER (SPECIFY)												
<b>SECONDARY CONTAINMENT (16) ASTs ONLY</b>												
YES												
NO												
<b>TERTIARY CONTAINMENT (17) ASTs ONLY</b>												
YES												
NO												

**ABOVEGROUND AND UNDERGROUND TANK INFORMATION FOR REMOVAL FROM SERVICE**

(Write the Tank Number(s) and place a check (✓) in the appropriate box for each tank that was removed or closed in place.)

	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number
	001											
MOVED	X											
CLOSED IN PLACE												
CONTAMINATION SUSPECTED OR OBSERVED AND CONTAMINATION FORM WAS SUBMITTED												
DOCUMENT SUBMITTED TO DEP (FOR USTs ONLY)	X											
DOCUMENT KEPT ON FILE BY OWNER	X											





Facility ID No. 15-42864 Facility Name West Whiteland Township

**VII. OWNER CERTIFICATION** (Read and sign after completing all applicable 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. This registration is conditioned upon compliance with provisions of the Storage Tank and Spill Prevention Act of 1989, all applicable regulations, and with the requirements for obtaining and maintaining a permit required under this Act. I certify my responsibility for assuring the following permit requirements:

- Storage Tank systems are in compliance with applicable administrative, technical and operational requirements as specified in Subchapter E for underground tanks or Subchapter F or G for aboveground tanks.
- Tank handling and inspection activities are performed by an individual possessing DEP certification in the appropriate category as required in subchapters A and B.
- Underground storage tanks meet the applicable financial responsibility requirements of Subchapter H (relating to financial responsibility requirements).
- A Spill Prevention Response (SPR) Plan must be submitted to the appropriate DEP regional office for facilities that have aboveground storage tanks where the total capacity of all aboveground tanks is greater than 21,000 gallons.

My signature represents to the Department that I own the storage tank(s) and am aware of the responsibilities and potential liabilities as an "owner" arising under the Storage Tank and Spill Prevention Act of 1989 and all applicable regulations. I am also advised that this registration is made subject to the penalties of 18 PA. C.S. Section 4904 relating to unsworn falsification to authorities.

Name and Title of Owner <u>West Whiteland Township</u>	Signature <u>Douglas R Jones</u> <u>Asst. Public Works Director</u> <u>Douglas R Jones</u>	Date <u>2/17/99</u>
---	---	------------------------

**VIII. INSTALLER/REMOVER CERTIFICATION** This section must be completed by the certified tank handler(s) who is responsible for the installation or removal from service of the aboveground and underground storage tank systems listed in Sections V and VI. Do NOT enter the company certification number. Tank Modifications must be submitted on a "Tank Handling Activities Report" form. (Type or Print legibly)

As the certified tank handler responsible for the tank handling activities in the category or categories listed, I certify that all tank handling activities were conducted in compliance with the design, installation and operation standards of the Storage Tank and Spill Prevention Act of 1989 and all applicable regulations. I also certify, under penalty of law as provided in 18 PA C.S.A. 4904 (relating to unsworn falsification to authorities), that the information provided herein is true, accurate and complete to the best of my knowledge and belief.

Tank Number	Installer/Remover Name	Construction Standard	Individual Certification No.	Certification Category	Installer/Remover Signature	Date
001	John Stevenson		3785	UMR	<u>J. T. Stevenson</u>	12-16-98

**IX. INSPECTOR CERTIFICATION** This section must be completed by the certified tank inspector(s) who is responsible for verifying the installation standards for all field constructed tanks and all aboveground tanks greater than 21,000 gallons listed in Section V. (Type or Print legibly)

As the certified tank inspector responsible for verifying tank handling activities and construction standards, I certify that the tank(s) listed below are constructed to appropriate industry standards and, if applicable, to manufacturer's specifications; that the tank(s) have been tested as required by industry standards; and that the tank(s) meet or exceed applicable design and operating standards; and are in compliance with the requirements of the Storage Tank and Spill Prevention Act of 1989, and all applicable regulations. I also certify under penalty of law as provided in 18 PA C.S.A. 4904 (relating to unsworn falsification to authorities), that the information provided herein is true, accurate and complete to the best of my knowledge and belief.

Tank Number	Inspector Name	Construction Standard	Individual Certification No.	Certification Category	Inspector Signature	Date

**X. SITE SPECIFIC PERMIT NUMBER** (If a site specific permit was required for new tank installation, write the tank number(s) and permit number(s) in the appropriate box.)

Site Specific Permit No.	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number	Tank Number



For DEP Use Only

PF # \_\_\_\_\_

Rem ID # \_\_\_\_\_

**NOTICE OF INTENT TO REMEDIATE**

Act 1995-2 requires four general information items to be included in the NIR: the general location, listing of contaminants, intended use of property, and proposed remediation measures. In addition, indicate the standard(s) to be obtained (if known) and attach a scaled site map (if available).

Property Name Former West Whiteland Township BuildingFormer Name(s) / AKA N/AAddress / Location 222 North Pottstown PikeCity ExtonZip Code 19341Municipality(s) West Whiteland TownshipCounty(ies) ChesterLatitude 40 ° (deg). 1 ' (min) 55.821 " (sec) Longitude -75 ° (deg). 37 ' (min) 53.673 " (sec)Horizontal Collection Method TIGER - The geographic coordinate determination method is based on a digital map source.Horizontal Reference Datum NAD83Reference Point STANK - Storage Tank
 Wish to participate in the DEP/EPA MOA. Contact Troy Conrad at [tconrad@state.pa.us](mailto:tconrad@state.pa.us) for details.
EPA ID#, if known UnknownDEP ID#(s), if known Unknown

(i.e., eFACTS site ID#, storage tank facility ID#, water quality permit #, watershed permit, air quality permit #, etc.)

Date Release Occurred (if known) December 31, 2008

Provide a brief description of the site contamination in plain language (e.g. fuel oil spill, historical chemical industrial area contamination), the names of any know primary contaminants to be addressed, and the intended future use of the property.

The former West Whiteland Township Building is located on the Downingtown, Pennsylvania USGS topographic quadrangle map at the above referenced latitude and longitude. A copy of a portion of the USGS quadrangle map and the orthophotographic (aerial photograph) map identifying the site location, property boundary, reference point, PAGWIS wells, wetlands, streams and roads are illustrated in Figure 1 and Figure 2. The general area of the site to be remediated is in the immediate vicinity of the former UST system excavation and is illustrated in Figure 3. On December 31, 2008, one (1), unregulated, 1,000 gallon, No. 2 fuel oil UST system was closed via removal. Impacted ponded water and tank backfill material were reportedly encountered during the UST closure activities. Approximately 57.3 tons of impacted soils were excavated and disposed. The primary contaminants to be addressed include the PADEP's No. 2 fuel oil petroleum shortlist compounds. The former Township Building will be demolished; however, the future site usage is currently undetermined.

Provide a general description of proposed remediation measures.

As a result of the reported impact, three (3) groundwater monitoring wells were installed and will be utilized to demonstrate attainment of the groundwater, residential, used aquifer, statewide health standard (SHS) at the downgradient point of compliance wells (MW-2 and MW-3). Seven (7) soil test borings were installed around the perimeter of the former UST excavation to determine the extent of potential soil impact beyond the original UST excavation. The former UST excavation will be reexcavated and extended to remove potentially remaining soil impact. Subsequent to the overexcavation activities, biased soil sampling will be conducted to demonstrate attainment of the soil, residential, used aquifer SHS. Subsequent to completion of the project, an administratively complete Act 2 Final Report will be prepared and submitted to PADEP for review. The ultimate goal of the project is to achieve a relief of environmental liability by demonstrating attainment of the selected soil and groundwater cleanup standards as set forth in Chapter 5 of the Land Recycling and Environmental Remediation Standards Act of 1995 (Act 2).

Remediation Standard(s) planned (if known at this time):

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Unknown at this time   | <input type="checkbox"/> Soil            | <input type="checkbox"/> Groundwater            |
| <input type="checkbox"/> Background Contaminants:   | <input type="checkbox"/> Soil            | <input type="checkbox"/> Groundwater            |
| <input checked="" type="checkbox"/> Statewide Health - Residential<br>Contaminants: PADEP'S No.2 fuel oil petroleum shortlist compounds | <input checked="" type="checkbox"/> Soil | <input checked="" type="checkbox"/> Groundwater |
| <input type="checkbox"/> Statewide Health - Non-Residential<br>Contaminants:  | <input type="checkbox"/> Soil            | <input type="checkbox"/> Groundwater            |
| <input type="checkbox"/> Site Specific<br>Contaminants:   | <input type="checkbox"/> Soil            | <input type="checkbox"/> Groundwater            |
| <input type="checkbox"/> Special Industrial Area*<br>Contaminants:  | <input type="checkbox"/> Soil            | <input type="checkbox"/> Groundwater            |

\*NOTE: Specific standard or Special Industrial Area require a 30-day municipal comment period

Remediator / Property Owner / Consultant. Complete the form below for each recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

<b>Remediator</b>		
Contact Person/Title _____	eFACTS Client ID* _____	
Relationship to Site _____ (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* _____	
Phone Number _____	Email Address _____	
Company Name _____	EIN or Federal ID # _____	
Address (street, city, state, zip) _____		

<b>Property Owner</b>		
Contact Person/Title <u>Michael A. Cotter</u>	eFACTS Client ID* _____	
Relationship to Site <u>Township Manager (Agent for Owner)</u> (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* <u>Municipality</u>	
Phone Number <u>610-363-9525</u>	Email Address <u>mcotter@westwhiteland.org</u>	
Company Name <u>Township of West Whiteland</u>	EIN or Federal ID # _____	
Address (street, city, state, zip) <u>101 Commerce Drive, Exton, PA 19341</u>		

<b>Consultant</b>		
Contact Person/Title <u>Daniel B. Lewis</u>	eFACTS Client ID* _____	
Relationship to Site <u>Consultant</u> (e.g. owner, remediator, participant in cleanup, consultant, etc.)	Client Type* <u>Municipality</u>	
Phone Number <u>610-621-2000</u>	Email Address <u>dan.lewis@ssmgroup.com</u>	
Company Name <u>SSM Group, Inc.</u>	EIN or Federal ID # _____	
Address (street, city, state, zip) <u>1047 North Park Road, Reading, PA 19610-0307</u>		

\*Include eFACTS Client ID (if known) -- "Client Types" below:




Association/Organization	Limited Liability company	Partnership-General
Authority	Limited Liability Partnership	Partnership-Limited
County	Municipality	School District
Estate/Trust	Non-Pennsylvania Government	Sole Proprietorship
Federal Agency	Other (Non-Government)	State Agency
Individual	Pennsylvania Corporation	

<b>Preparer of Notice of Intent to Remediate</b>		
Name <u>Daniel B. Lewis</u>	Title <u>Senior Geologist</u>	
Phone Number <u>610-621-2000</u>	Email Address <u>dan.lewis@ssmgroup.com</u>	
Company Name <u>SSM Group, Inc.</u>	eFACTS Client ID _____	
Address (street, city, state, zip) <u>1047 North Park Road, Reading, PA 10610-0307</u>		



Site Location

**Legend**

-  Reference Point
-  PAGWIS Well
-  Property Outline


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11/7/12


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w101008\w02361  
projects\fig\_2\_site\_  
plan.mxd

Data Source:  
Site, SSM, 2012  
PAGWIS, DCNR, 2011  
Wetlands, USFWS, 2008  
Streams, DEP, 2002

N



0    50    100




Feet

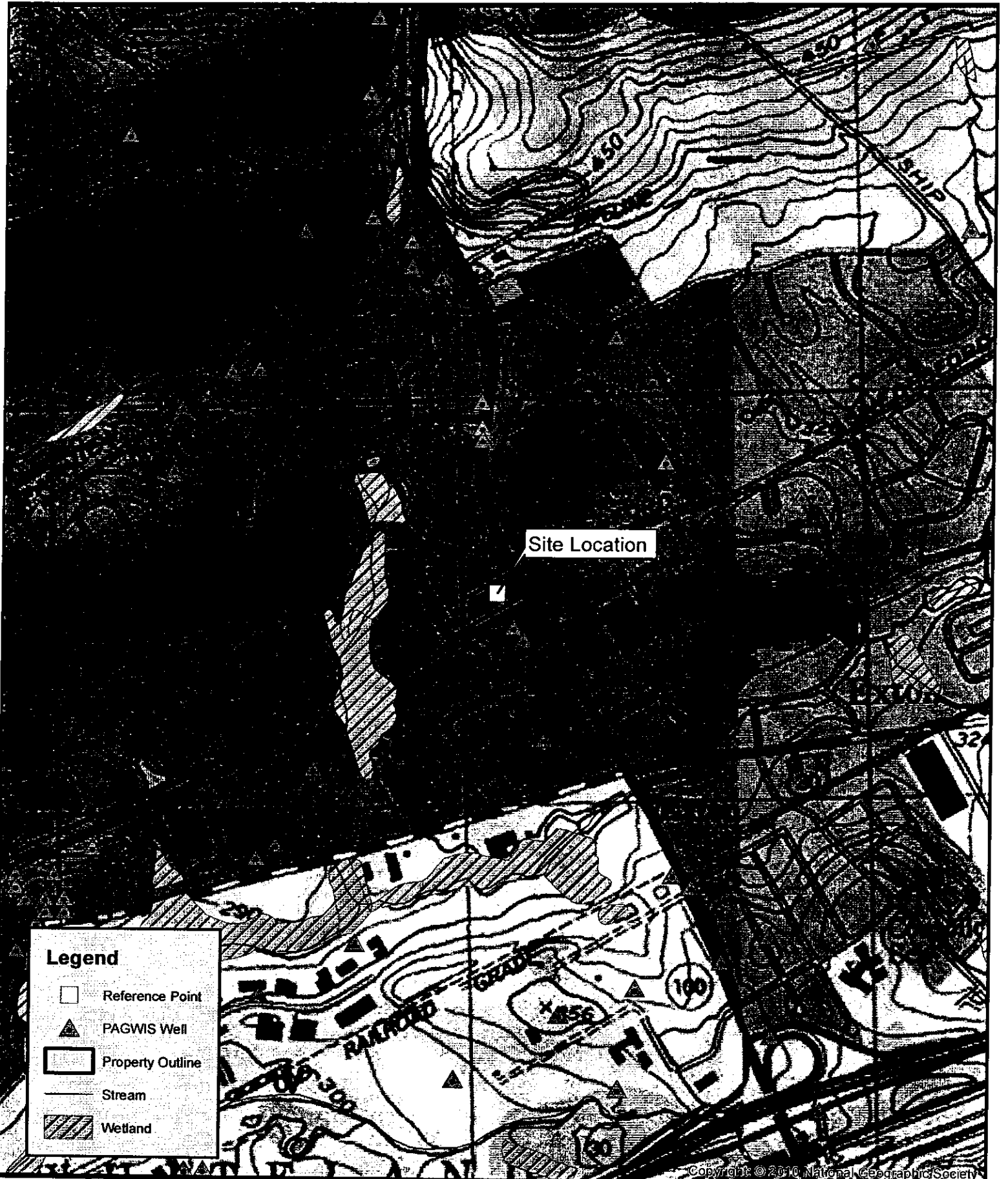
1 inch = 150 feet

**Figure 2**  
**Site Plan**  
**Former West Whiteland**  
**Township Building**  
**Exton, PA**






READING  
1047 North Park Road  
PO Box 6307  
Reading, PA 19610-0307  
PH: 610.621.2000  
FAX: 610.621.2001  
LEHIGH VALLEY  
City Line Plaza, Suite 300  
2006 City Line Road  
Satholetem PA 18017-7701  
PH: 610.649.9700  
FAX: 610.649.9701



**SSM**  
SSM GROUP, INC.  
Engineering and Environmental Services  
ssmgroup.com



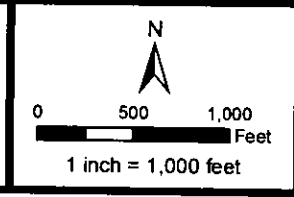
**Legend**

-  Reference Point
-  PAGWIS Well
-  Property Outline
-  Stream
-  Wetland

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11/7/12  
 G:\projects\w1000001\w101006\w0236\project\fig\_1\_site\_plan.mxd


Data Source:  
 Site, SSM, 2012  
 PAGWIS, DCNR, 2011  
 Wetlands, USFWS, 2008  
 Streams, DEP, 2002



**Figure 1**  
**Site Plan**  
*Former West Whiteland Township Building*  
 Exton, PA

READING  
 1047 North Park Road  
 PO Box 6307  
 Reading, PA 19610-0307  
 PH: 610 621-2009  
 FAX: 610 621-2001

LEHIGH VALLEY  
 City Line Plaza, Suite 300  
 2005 City Line Road  
 Southwark, PA 17017-7701  
 PH: 610 649 9700  
 FAX: 610 649 9701



**SSM**  
 SSM GROUP INC  
 Engineering and Environmental Services  
 ssmgroup.com

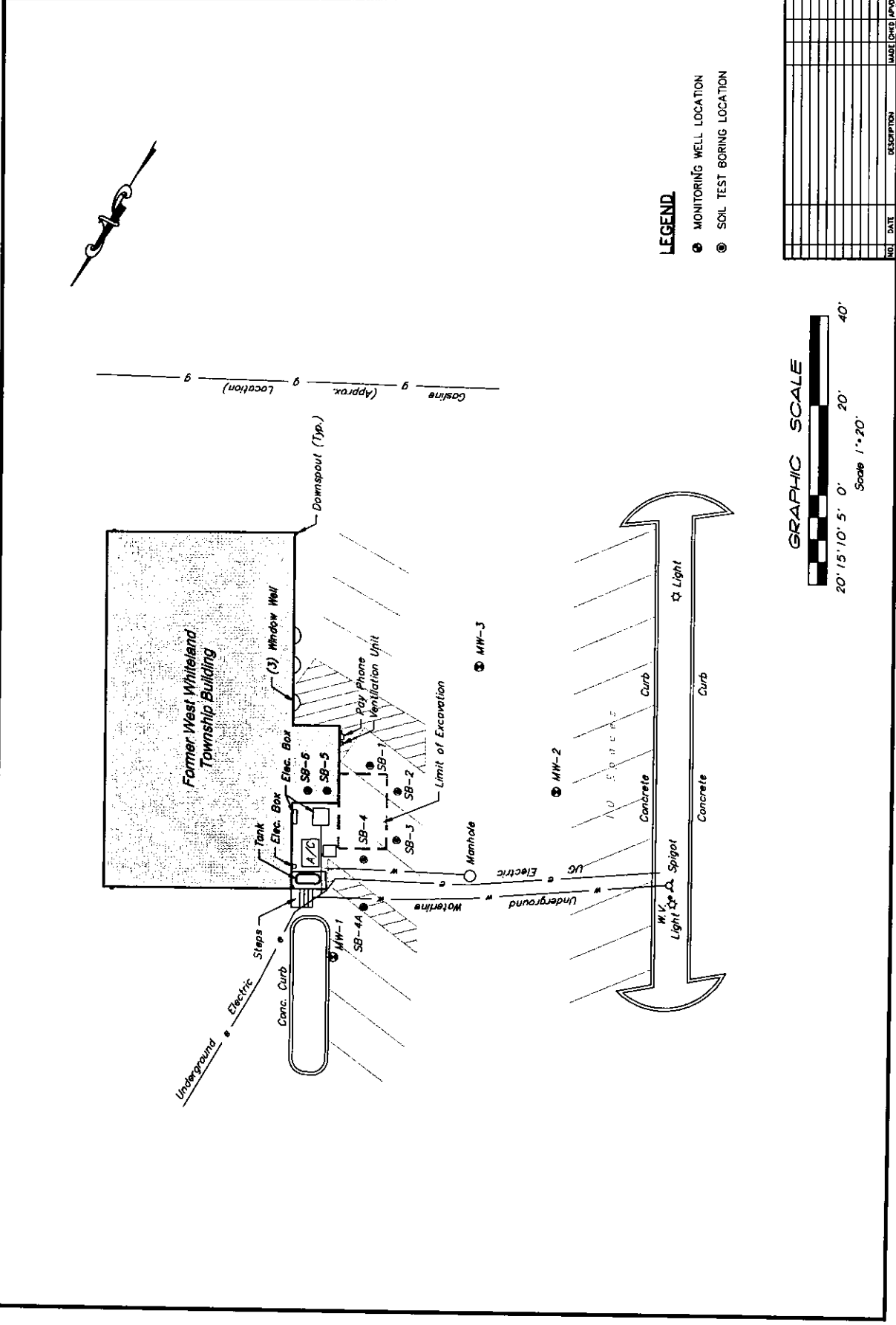
DESIGNED BY: [Blank]  
 DRAWN BY: [Blank]  
 PROJECT MANAGER: [Blank]  
 DATE: [Blank]  
 RELEASED FOR PRELIMINARY  
 NOT FOR CONSTRUCTION

**SSM**  
 SSM Group Inc.  
 Engineers and Environmental Services  
 101 Commerce Drive, Exton, PA 19341  
 (610) 398-1000  
 www.ssmgroup.com

WEST WHITELAND TOWNSHIP  
 101 COMMERCE DRIVE, EXTON, PA 19341  
 SITE PLAN  
 FORMER WEST WHITELAND TOWNSHIP BUILDING  
 EXTON, PENNSYLVANIA  
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11/01/12  
 DATE REVISION  
 1010000238  
 FIG. 3  
 1010008.0236  
 SHEET NUMBER

**FIG. 3**  
 SHEET NUMBER  
 MADE CODE: [Blank]  
 NO. DATE DESCRIPTION





November 8, 2012

**CERTIFIED – RETURN RECEIPT**

Mr. Michael A. Cotter  
Township Manager  
West Whiteland Township  
101 Commerce Drive  
Exton, PA 19341

RE: Notice of Intent to Remediate  
Former West Whiteland Township Building  
222 North Pottstown Pike  
West Whiteland Township, Chester County  
SSM File 101008.0236

Dear Mr. Cotter:

The Land Recycling and Environmental Remediation Standards Act (Act 2) requires that a Notice of Intent to Remediate (NIR) a site be provided to the municipality in which the site is located. In accordance with this provision of Act 2, we are formally notifying you of our intent to remediate the subject site. A copy of the Notice of Intent to Remediate, which has been submitted to the Pennsylvania Department of Environmental Protection (PADEP, is enclosed. This notice will also be published in the Pennsylvania Bulletin and a summary of the notice will be placed in the Daily Local newspaper.

Should you have any comments or questions regarding the proposed remediation, please contact me at 610.621.2000, extension 3062.

Very truly yours,  
SSM Group, Inc.

Daniel B. Lewis, P.G.  
Senior Geologist  
dan.lewis@ssmgroup.com

Attachments



758322

For DEP Use Only
PF # <u>758322</u>
Rem ID # <u>42721</u>

## FINAL REPORT SUMMARY

The Final Report Summary (FRS) is a brief report consisting of set of data required in addition to the Act 2 Final Report. The summary is used in part as a reference to the Final Report Approval Letter which conveys liability relief to the remediator and other applicable persons. It is of value long after the remediation to be used by the public and Department in understanding key information about the site and remediation.

This use is increased by the fact that it will ultimately be merged into the Department's eFACTS system, which allows the public to have the ease of computer access to environmental information at sites. For more information, see [www.ahs2.dep.state.pa.us/eFactsWeb/default.aspx](http://www.ahs2.dep.state.pa.us/eFactsWeb/default.aspx). Finally, the summary will be used by the Department to help to better assess the status and the level of success of the program. In the past, numbers of sites remediated has been tracked. With the inclusion of this summary information, progress can be tracked in many specific ways, including identification of individual chemical constituents, and the mass treated, removed or managed safely in place.

### Identification

Property Name West Whiteland Township Property- 222 N Pottstown Pike

Property Descriptor Former West Whiteland Township Building Property

### Address / Location

Address 222 North Pottstown Pike

City Exton, Pennsylvania Zip Code 19341

Municipality(s) West Whiteland Township County(ies) Chester

Latitude 40 ° (deg). 01 ' (min) 55.821 " (sec) Longitude -75 ° (deg). 37 ' (min) 53.673 " (sec)

Horizontal Collection Method TIGER-The geographic coordinate determinator method based on digital map base source.

Horizontal Reference Datum NAD83 Reference Point STANK- Storage Tank

### Property Specifics

Size of Property 3.3 acres Number of Sites 1

Combined acreage of sites 3.3 acres

### Remediation

Standards attained or special industrial area attainment. (Check all that apply. Can use multiple.)

Background       Statewide Health       Site-Specific       Special Industrial Area

Proposed future property use - scenario for which the attainment of Statewide Health standard is demonstrated

Residential       Non-residential

### List of contaminants

#### Soils

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
Benzene	71-43-2	0.0016	0.0
Cumene (Isopropyl Benzene)	98-82-8	0.0019	0.0
Ethylbenzene	100-41-4	0.0034	0.0
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.0016	0.0
Naphthalene	91-20-3	0.087	0.0
Toluene	108-88-3	0.0016	0.0
1,2,4-Trimethylbenzene	95-63-6	0.043	0.0
1,3,5-Trimethylbenzene	108-67-8	0.0016	0.0

**Groundwater**

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
Benzene	71-43-2	0.0	0.0
Cumene (Isopropyl Benzene)	98-82-8	0.0	0.0
Ethylbenzene	100-41-4	0.0	0.0
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.0	0.0
Naphthalene	91-20-3	0.0	0.0
Toluene	108-88-3	0.0	0.0
1,2,4-Trimethylbenzene	95-63-6	0.0	0.0
1,3,5-Trimethylbenzene	108-67-8	0.0	0.0

**Remediation**

Number of sampling rounds for groundwater attainment: 6

**Special Features**

Non-use aquifer approval date: NA

Area-wide background approval date: NA

Amount of waste removed other than soil or groundwater (cubic yards): NA

Municipal ordinance prohibiting groundwater use:

NA

Post remediation care plan:

Post-remediation care controls are not required for current or future soil and groundwater attainment. Accordingly, a post-remediation care plan is not warranted for the West Whiteland Township property.

Other Programs *N.A.*

- Key Site
- Multi-site Agreement; Date: \_\_\_\_\_
- Enterprise Zone
- Keystone Opportunity Zone

Administrative *N.A.*

- Municipality request for public involvement plan

**Deed notification**

- Deed acknowledgment:

NA

- Environmental covenant:

NA

Cleanup cost (\$): 118,180

Jobs created/saved: 12

**Narrative:** Provide property history and description, site characterization findings, site description, summary of remediation, summary of attainment demonstration, description of pathway elimination, engineering and institutional controls, and benefits of land reuse, when applicable.

The West Whiteland Township property is located on the Downingtown, Pennsylvania USGS 7.5 minute topographic quadrangle map at N 50° 01' 55.821" latitude and W-75° 37' 53.673" longitude. A copy of a portion of the USGS quadrangle map identifying the location of the West Whiteland Township property is included as Attachment 1. The property is currently used by the Public Works Department. This property formerly housed the Township Building, but this structure was demolished in 2013. A copy of the Site Plan is included as Attachment 2. The site is limited to an area on the eastern side of the property that contained a heating oil underground storage tank (UST). On December 31, 2008, one 1,000 gallon, No. 2 fuel oil tank system was closed via removal. Subsurface soil sampling indicated the presence of contaminated soil in the vicinity of the former UST. On September 7, 2012, SSM Group, Inc. (SSM) performed a subsurface soil investigation to determine the vertical and horizontal extent of the soil contamination. A silty clay was observed with the clay content decreasing with depth. Bedrock was not encountered to a depth of 35 feet below ground surface (bgs). In total, six monitoring wells were installed onsite to characterize the potential impact to groundwater. During six groundwater sampling events, No. 2 fuel oil analytes were not detected above the laboratory reported detection limits. During July of 2013, following the demolition of the Township building, the

former UST site was re-excavated. After removal of the impacted soil, SSM collected seven post-excavation soil samples. The post-excavation soil laboratory analytical results were reported to be either not detected above the laboratory detection limits or below the applicable Statewide Health Standard medium-specific concentrations (MSCs). A total of 351.51 tons of contaminated soil was properly disposed offsite. This includes 57.3 tons from the original UST closure and 294.21 tons from the re-excavation. Based on bias soil sampling results and the groundwater sampling analytical results, all soil and groundwater attainment monitoring was less than the applicable MSCs for residential, Statewide Health Standards.

**Remediator / Property Owner / Consultant.** Complete the form below for each recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

**Remediator**

Contact Person/Title Ted Diewald eFACTS Client ID\* \_\_\_\_\_  
 Relationship to Site Remediator Client Type\* Contractor  
 (e.g. owner, remediator, participant in cleanup, consultant, etc.)  
 Phone Number 610-459-3147 Email Address ajjurich@yahoo.com  
 Company Name A.J. Jurich, Inc. EIN or Federal ID # 23-1891950  
 Street Address 4500 Concord Road  
 City Aston State PA Zip Code 19014

**Property Owner**

Contact Person/Title Mimi Gleason eFACTS Client ID\* 758322  
 Relationship to Site Township Manager (Agent for Owner) Client Type\* Municipality  
 (e.g. owner, remediator, participant in cleanup, consultant, etc.)  
 Phone Number 610-363-9525 Email Address mgleason@westwhiteland.org  
 Company Name Township of West Whiteland EIN or Federal ID # \_\_\_\_\_  
 Street Address 101 Commerce Drive  
 City Exton State PA Zip Code 19341

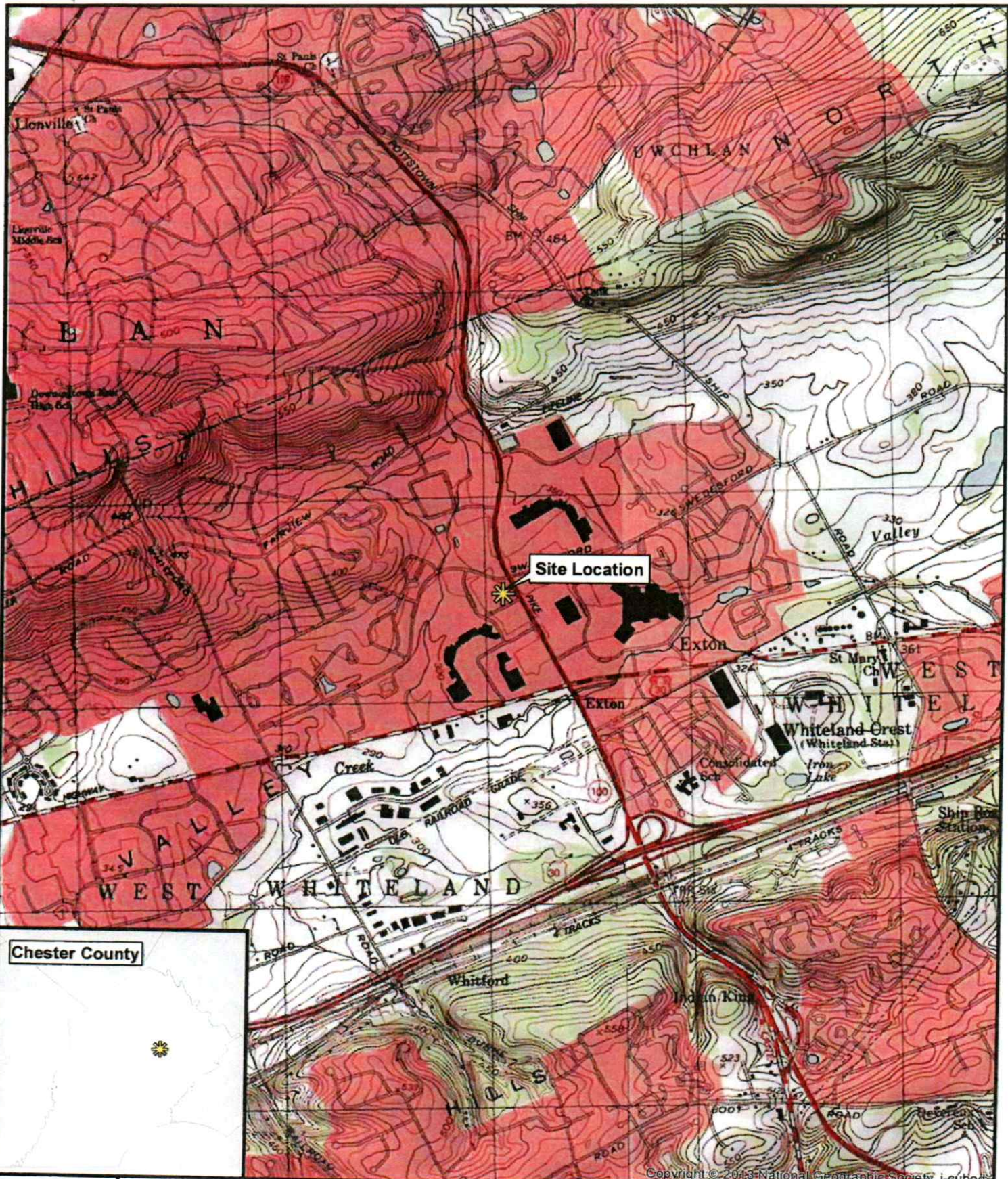
**Consultant**

Contact Person/Title Eric P. Grindrod, PG, Director eFACTS Client ID\* \_\_\_\_\_  
 Relationship to Site Consultant Client Type\* Municipality  
 (e.g. owner, remediator, participant in cleanup, consultant, etc.)  
 Phone Number 610-621-2000 Email Address eric.grindrod@ssmgroup.com  
 Company Name SSM Group, Inc. EIN or Federal ID # 23-2592301  
 Street Address 1047 N. Park Road  
 City Reading State PA Zip Code 19610-0307

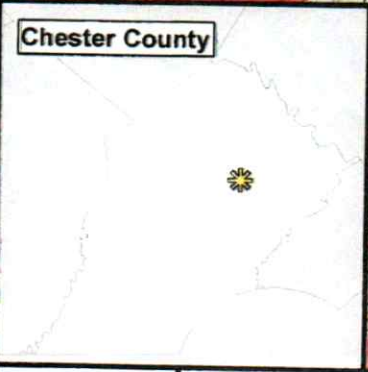
\*Include eFACTS Client ID (if known) - "Client Types" below:

Association/Organization	Limited Liability Company	Partnership-General
Authority	Limited Liability Partnership	Partnership-Limited
County	Municipality	School District
Estate/Trust	Non-Pennsylvania Government	Sole Proprietorship
Federal Agency	Other (Non-Government)	State Agency
Individual	Pennsylvania Corporation	

**Attachments:** In addition to the data entered in this FRS, the Department requests scanned image(s) of a map view of the site indicating, at a minimum, the boundaries of the "site" relative to the locations of the adjacent property boundaries. The location of the site (as defined by Act 2) is that which will receive the liability relief conveyed by Act 2, Chapter 5. The maps may portray other features but should clearly show the Act 2 site boundaries. You may also attach other applicable image files or attachments. These files should be in Adobe Acrobat (\*.pdf), GIF (\*.gif) or JPEG file interchange format (\*.jpg).

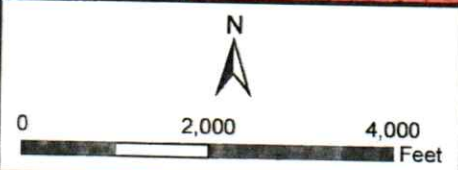


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02/05/15

Date Source:  
Site, SSM, 2012  
PA/GWIS, DCNR, 2011  
Wetlands, USFWS, 2008  
Streams, DEP, 2002



**FRS Attachment 1**  
**Property Location Plan**  
**Former West Whiteland**  
**Township Building**  
**Exton, Pennsylvania**

**SSM**  
SSM GROUP, INC.  
Engineering and Environmental Services  
Reading | Lehigh Valley | Central Pennsylvania  
P: 610.621.2000 F: 610.621.2001  
ssmgroup.com

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FEB 23 PM 3:00

Act 2 Final Report for the  
Former West Whiteland Township Building

Prepared for: West Whiteland Township  
101 Commerce Drive  
Exton, Pennsylvania 19341

February 2015

Prepared by: SSM Group, Inc.



Eric P. Grindrod, P.G.  
Water Resource Development Director  
Environmental Services

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SSM File 101008.0236



Act 2 Final Report for the  
Former West Whiteland Township Building

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---

## **1.0 Final Report Summary**

---

Attached is the Final Report Summary for the 222 North Pottstown Pike, Exton, West Whiteland Township property.



## FINAL REPORT SUMMARY

The Final Report Summary (FRS) is a brief report consisting of set of data required in addition to the Act 2 Final Report. The summary is used in part as a reference to the Final Report Approval Letter which conveys liability relief to the remediator and other applicable persons. It is of value long after the remediation to be used by the public and Department in understanding key information about the site and remediation.

This use is increased by the fact that it will ultimately be merged into the Department's eFACTS system, which allows the public to have the ease of computer access to environmental information at sites. For more information, see [www.ahs2.dep.state.pa.us/eFactsWeb/default.aspx](http://www.ahs2.dep.state.pa.us/eFactsWeb/default.aspx). Finally, the summary will be used by the Department to help to better assess the status and the level of success of the program. In the past, numbers of sites remediated has been tracked. With the inclusion of this summary information, progress can be tracked in many specific ways, including identification of individual chemical constituents, and the mass treated, removed or managed safely in place.

### Identification

Property Name West Whiteland Township Property- 222 N Pottstown Pike

Property Descriptor Former West Whiteland Township Building Property

### Address / Location

Address 222 North Pottstown Pike

City Exton, Pennsylvania

Zip Code 19341

Municipality(s) West Whiteland Township

County(ies) Chester

Latitude 40 ° (deg). 01 ' (min) 55.821 " (sec) Longitude -75 ° (deg). 37 ' (min) 53.673 " (sec)

Horizontal Collection Method TIGER-The geographic coordinate determinant method based on digital map base source.

Horizontal Reference Datum NAD83

Reference Point STANK- Storage Tank

### Property Specifics

Size of Property 3.3 acres

Number of Sites 1

Combined acreage of sites 3.3 acres

### Remediation

Standards attained or special industrial area attainment. (Check all that apply. Can use multiple.)

Background       Statewide Health       Site-Specific       Special Industrial Area

Proposed future property use - scenario for which the attainment of Statewide Health standard is demonstrated

Residential       Non-residential

### List of contaminants

Soils

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
Benzene	71-43-2	0.0016	0.0
Cumene (Isopropyl Benzene)	98-82-8	0.0019	0.0
Ethylbenzene	100-41-4	0.0034	0.0
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.0016	0.0
Naphthalene	91-20-3	0.087	0.0
Toluene	108-88-3	0.0016	0.0
1,2,4-Trimethylbenzene	95-63-6	0.043	0.0
1,3,5-Trimethylbenzene	108-67-8	0.0016	0.0

Groundwater

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
Benzene	71-43-2	0.0	0.0
Cumene (Isopropyl Benzene)	98-82-8	0.0	0.0
Ethylbenzene	100-41-4	0.0	0.0
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.0	0.0
Naphthalene	91-20-3	0.0	0.0
Toluene	108-88-3	0.0	0.0
1,2,4-Trimethylbenzene	95-63-6	0.0	0.0
1,3,5-Trimethylbenzene	108-67-8	0.0	0.0

**Remediation**

Number of sampling rounds for groundwater attainment: 6

**Special Features**

Non-use aquifer approval date: NA

Area-wide background approval date: NA

Amount of waste removed other than soil or groundwater (cubic yards): NA

Municipal ordinance prohibiting groundwater use:

NA

Post remediation care plan:

Post-remediation care controls are not required for current or future soil and groundwater attainment. Accordingly, a post-remediation care plan is not warranted for the West Whiteland Township property.

Other Programs *N.A.*

- Key Site
- Multi-site Agreement; Date: \_\_\_\_\_
- Enterprise Zone
- Keystone Opportunity Zone

Administrative *N.A.*

- Municipality request for public involvement plan

**Deed notification**

- Deed acknowledgment:

NA

- Environmental covenant:

NA

Cleanup cost (\$): 118,180

Jobs created/saved: 12

**Narrative:** Provide property history and description, site characterization findings, site description, summary of remediation, summary of attainment demonstration, description of pathway elimination, engineering and institutional controls, and benefits of land reuse, when applicable.

The West Whiteland Township property is located on the Downingtown, Pennsylvania USGS 7.5 minute topographic quadrangle map at N 50° 01' 55.821" latitude and W-75° 37' 53.673" longitude. A copy of a portion of the USGS quadrangle map identifying the location of the West Whiteland Township property is included as Attachment 1. The property is currently used by the Public Works Department. This property formerly housed the Township Building, but this structure was demolished in 2013. A copy of the Site Plan is included as Attachment 2. The site is limited to an area on the eastern side of the property that contained a heating oil underground storage tank (UST). On December 31, 2008, one 1,000 gallon, No. 2 fuel oil tank system was closed via removal. Subsurface soil sampling indicated the presence of contaminated soil in the vicinity of the former UST. On September 7, 2012, SSM Group, Inc. (SSM) performed a subsurface soil investigation to determine the vertical and horizontal extent of the soil contamination. A silty clay was observed with the clay content decreasing with depth. Bedrock was not encountered to a depth of 35 feet below ground surface (bgs). In total, six monitoring wells were installed onsite to characterize the potential impact to groundwater. During six groundwater sampling events, No. 2 fuel oil analytes were not detected above the laboratory reported detection limits. During July of 2013, following the demolition of the Township building, the

former UST site was re-excavated. After removal of the impacted soil, SSM collected seven post-excavation soil samples. The post-excavation soil laboratory analytical results were reported to be either not detected above the laboratory detection limits or below the applicable Statewide Health Standard medium-specific concentrations (MSCs). A total of 351.51 tons of contaminated soil was properly disposed offsite. This includes 57.3 tons from the original UST closure and 294.21 tons from the re-excavation. Based on bias soil sampling results and the groundwater sampling analytical results, all soil and groundwater attainment monitoring was less than the applicable MSCs for residential, Statewide Health Standards.



**Remediator / Property Owner / Consultant.** Complete the form below for each recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

**Remediator**

Contact Person/Title Ted Diewald eFACTS Client ID\* \_\_\_\_\_  
 Relationship to Site Remediator Client Type\* Contractor  
 (e.g. owner, remediator, participant in cleanup, consultant, etc.)  
 Phone Number 610-459-3147 Email Address ajjurich@yahoo.com  
 Company Name A.J. Jurich, Inc. EIN or Federal ID # 23-1891950  
 Street Address 4500 Concord Road  
 City Aston State PA Zip Code 19014

**Property Owner**

Contact Person/Title Mimi Gleason eFACTS Client ID\* 758322  
 Relationship to Site Township Manager (Agent for Owner) Client Type\* Municipality  
 (e.g. owner, remediator, participant in cleanup, consultant, etc.)  
 Phone Number 610-363-9525 Email Address mgleason@westwhiteland.org  
 Company Name Township of West Whiteland EIN or Federal ID # \_\_\_\_\_  
 Street Address 101 Commerce Drive  
 City Exton State PA Zip Code 19341

**Consultant**

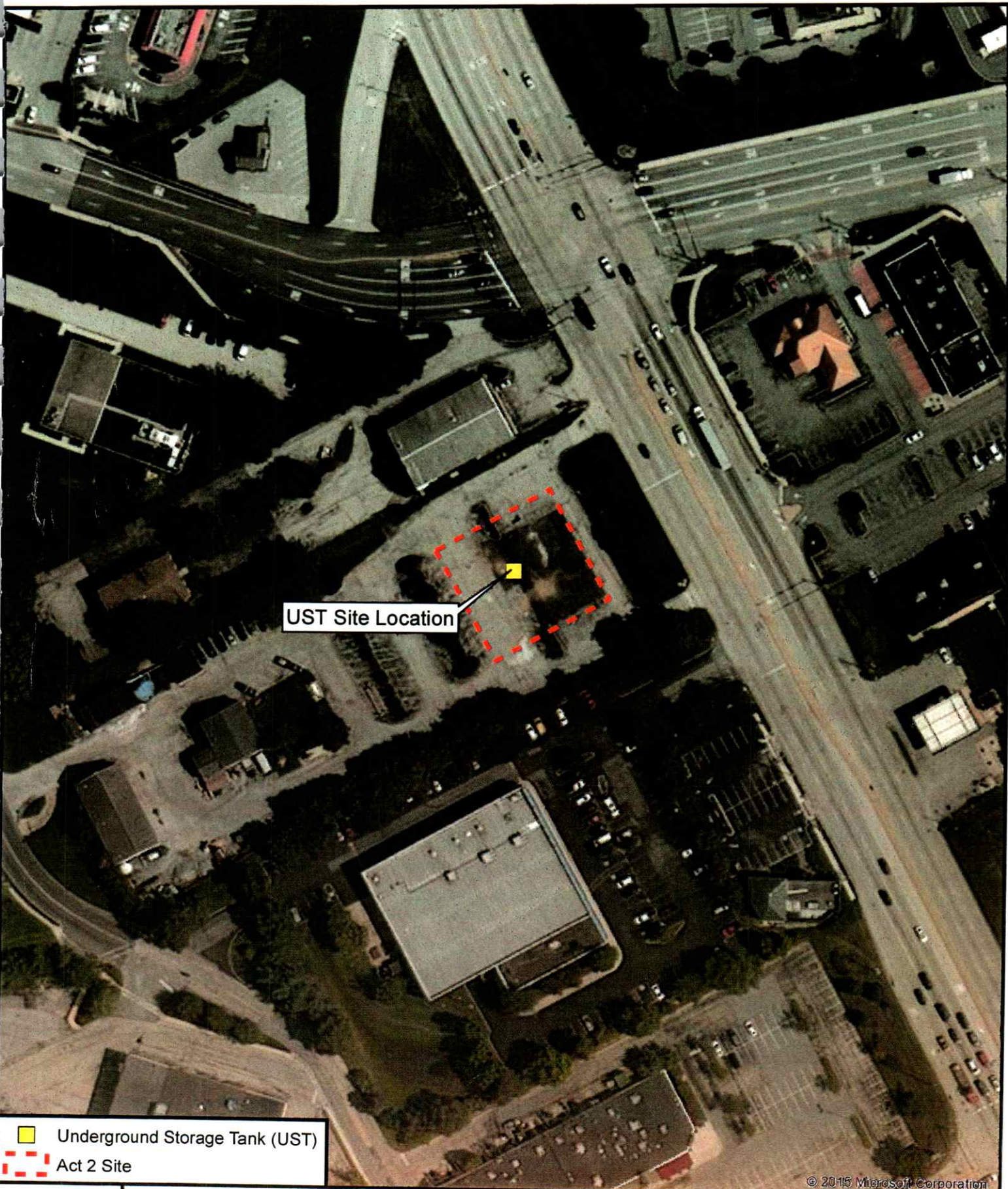
Contact Person/Title Eric P. Grindrod, PG, Director eFACTS Client ID\* \_\_\_\_\_  
 Relationship to Site Consultant Client Type\* Municipality  
 (e.g. owner, remediator, participant in cleanup, consultant, etc.)  
 Phone Number 610-621-2000 Email Address eric.grindrod@ssmgroup.com  
 Company Name SSM Group, Inc. EIN or Federal ID # 23-2592301  
 Street Address 1047 N. Park Road  
 City Reading State PA Zip Code 19610-0307

\*Include eFACTS Client ID (if known) – "Client Types" below:


Association/Organization	Limited Liability Company	Partnership-General
Authority	Limited Liability Partnership	Partnership-Limited
County	Municipality	School District
Estate/Trust	Non-Pennsylvania Government	Sole Proprietorship
Federal Agency	Other (Non-Government)	State Agency
Individual	Pennsylvania Corporation	


**Attachments:** In addition to the data entered in this FRS, the Department requests scanned image(s) of a map view of the site indicating, at a minimum, the boundaries of the "site" relative to the locations of the adjacent property boundaries. The location of the site (as defined by Act 2) is that which will receive the liability relief conveyed by Act 2, Chapter 5. The maps may portray other features but should clearly show the Act 2 site boundaries. You may also attach other applicable image files or attachments. These files should be in Adobe Acrobat (\*.pdf), GIF (\*.gif) or JPEG file interchange format (\*.jpg).





UST Site Location

 Underground Storage Tank (UST)

 Act 2 Site

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02/05/15



Data Source:  
Site, SSM, 2012  
Reference Point, SSM, 2012

**FRS Attachment 2  
Act 2 Site Plan  
Site Location  
Former West Whiteland  
Township Building  
Exton, Pennsylvania**

 **SSM**  
SSM GROUP, INC.  
Engineering and Environmental Services  
Reading | Lehigh Valley | Central Pennsylvania  
P: 610.621.2000 F: 610.621.2001  
ssmgroup.com

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## 2.0 Site Description

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### 2.1 Project Introduction

The goal of this project is to achieve relief of environmental liability for West Whiteland Township for selected soil and groundwater cleanup standards under the PaDEP Land Recycling and Environmental Remediation Standards known as Act 2. A leaking 1,000 gallon, No. 2 fuel oil, underground storage tank (UST) was responsible for the site contamination release. During the first phase of the cleanup, the UST was removed December 31, 2008. The UST removal included the disposal of approximately 57 tons of contaminated soil. All five soil samples collected from the UST excavation exceeded the residential soil Statewide Health Standards for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene. In September 2009, eight soil borings were installed by Enviro Link, Inc (ELI) and samples were collected from the soil/water interface. Several target compounds were detected in two soil borings, but were below the MSCs. A water sample collected from soil boring SB-3, located in the center of the excavation, had concentrations exceeding the MSCs for benzene, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene.

November 2009, West Whiteland Township moved its operations to a new building and property. Since the move, the following cleanup milestones were achieved leading to this final report.

- **September 7, 2012:** SSM Group, Inc (SSM) installed seven soil borings to characterize the former leaking UST site for Act 2 closure. Laboratory results revealed that No. 2 fuel oil target compounds that exceeded the MSCs were present outside of the original excavation.
- **September 18, 2012:** A well located onsite was abandoned by C.S. Garber and Sons.
- **September 19, 2012:** Three monitoring wells were installed.
- **September 24, 2012:** Groundwater sampling, Round #1 (all samples not detected (ND)).
- **November 7, 2012:** Notice of Intent to Remediate (NIR) published in local paper.
- **December 20, 2012:** Groundwater sampling, Round #2 (all samples ND).
- **March 19, 2013:** Groundwater sampling, Round #3 (all samples ND).
- **April 6, 2013:** Groundwater sampling, Round #4 (all samples ND).
- **May 24, 2013:** An abbreviated groundwater attainment monitoring request was submitted to PaDEP.
- **June 7, 2013:** PaDEP disapproved the shorten attainment request for groundwater. Additional monitoring wells were required to characterize groundwater flow and water quality.
- **July, 2013** Former Township building was demolished allowing access for final cleanup.

- **July 15, 2013:** Based on the soil boring data, the former UST site was excavated and the soil stockpiled onsite. All seven confirmatory soil samples collected from the new excavated area showed contaminant levels below the residential, statewide health standards. The soil stockpile was sampled for disposal parameters.
- **September 4, 2013:** A total of 294.21 tons of contaminated soil was transported and disposed at the thermal treatment facility operated by Clean Earth, Philadelphia.
- **July 23, 2014:** In order to fully characterize the site, three additional monitoring wells were installed. Well MW-6 was constructed within the original excavation and MW-5 was installed within the former footprint of the Township building.
- **August 6, 2014:** Groundwater sampling (6 wells), Round #5 (all samples ND).
- **November 11, 2014:** Groundwater sampling (6 wells), Round #6 (all samples ND).
- **February 2015:** Submittal of Act 2 Final Plan.

Details of the site cleanup outlined above are presented in the following sections of this report.

This Final Report is being submitted in accordance with 25 PA Code, Chapter 250, Subchapters C and G of the Pennsylvania Land Recycling Program. It is intended to provide the Pennsylvania Department of Environmental Protection (PaDEP) staff with site related cleanup activities including site description, site characterization, remediation, and demonstration of attainment.

## **2.2 Site Description**

The project site is located on the property of the former West Whiteland Township Building located at 222 North Pottstown Pike, Exton, West Whiteland Township, Chester County, Pennsylvania. The property is owned by West Whiteland Township and includes several buildings and impervious parking areas. As displayed in **Figure 2-1**, the site is in an urbanized area located on the United States Geological Survey (USGS) 7.5 minute topographic quadrangle map of Downingtown, Pennsylvania. The entrance way to the property is on Route 100 in the proximity of the Exton Square Mall. **Figure 2-2** provides the location of surrounding environmental features, including streams, mapped wetlands, and PAGWIS water supply wells. Drinking water for the project site and surrounding area is provided by Aqua America and the Township operates the public sewer collection system. Since the start of site cleanup, the main building on the property has been razed, but the structures located on the back of the property remain intact and are still in use by the Township. The future plans for this property are not finalized. To the best

of our knowledge, this property does not have any previous environmental regulatory cleanup history. The site is located at Latitude 40°, 01', 55.821" and Longitude 75°, 37', 53.673".

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## 3.0 Site Characterization

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### 3.1 Background

On December 31, 2008, a 1,000 gallon, unregulated, leaking, underground storage tank (UST) containing No. 2 fuel oil was removed at the former West Whiteland Township Building. A total of 57.3 tons of impacted soil was removed and disposed. The depth of the excavation was reported to extend to approximately 14 feet below ground surface. Following the removal of the UST and the impacted soils, five biased soil samples from the excavation were procured and analyzed for the No.2 fuel oil target analyte list. The laboratory analysis of the samples revealed 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene concentrations exceeding the applicable PaDEP medium specific concentrations (MSCs) of the residential, statewide health standards (SHS).

On September 23, 2009, Enviro Link, Inc. (ELI) performed a soils investigation consisting of eight direct push (Geoprobe<sup>®</sup>) soil borings and laboratory analysis for samples collected from the soil/groundwater interface. The soil/water samples revealed that some of the No. 2 fuel oil target analytes were present, but below the applicable MSCs. In addition, a groundwater sample from a soil boring (SB-3) located within the former UST excavation revealed benzene, naphthalene, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene concentrations above the applicable MSCs. The ELI Geoprobe Investigation Summary Report is presented in **Appendix A**.

SSM Group, Inc. (SSM) was retained by West Whiteland Township on July 26, 2012, to enter the site in the PaDEP Land Recycling Act 2 Program. The ultimate goal of this project is to achieve relief of environmental liability by demonstrating remediation attainment of the selected soil and groundwater cleanup parameters.

The required Notice of Intent to Remediate (NIR) form was electronically submitted to PaDEP-Southeast Regional Office (SERO) and the local municipality, where in this case is the property owner of West Whiteland Township. A hard copy of the NIR and corresponding proofs of PaDEP, municipal and public notification are presented in **Appendix B**.

### 3.2 Soils

Review of the Soil Conservation Services Soil Survey of Chester and Delaware Counties, Pennsylvania revealed that the soil association of the site is the Hagerstown-Conestoga-Guthrie Association. This association is described as deep, silty soils underlain by limestone.

The soil series is mapped as the Conestoga silt loam, 3 to 8 percent (%) slopes which consists of deep, well drained soils developed from calciferous schist, micaceous limestone or marble. The surface layer and subsoil are dark brown silts and yellowish brown silty clays, respectively. A soils map of the site and surrounding area is presented as **Figure 3-1**.

### 3.3 Regional Geology

The area lies within the Piedmont Lowland Section of the Piedmont physiographic province. The Piedmont Lowland Section trends in a northeasterly direction and is bordered to the north by the Gettysburg-Newark Lowland Section and to the south by the Piedmont Upland Section. The Lowland Section consists of broad valleys separated by low hills. Local relief is generally less than 100 feet. This section is developed primarily on limestone and dolomite rocks. Karst topography is common.

The former West Whiteland Township Building is underlain by carbonates of the Cambrian aged Ledger Formation. The underlying bedrock of the Ledger Formation is comprised of light gray, coarsely crystalline dolomite. According to "Engineering Characteristics of the Rocks of Pennsylvania", Geyer, Wilshusen, 1982, this formation weathers to a rust-stained, granular to cherty layers that can form pinnacle features. The porosity and permeability is formed by secondary features including joints, bedding planes and solution features that range from a low to high magnitude. A geologic map of the study area is presented as **Figure 3-2**. A quartz conglomerate of the Chickies Formation borders the site just to the north.

### 3.4 Regional Hydrogeology

Based on the review of topographic data of the site and surrounding area, groundwater flow appears to be in a south to southeasterly direction towards Valley Creek. The topography of the area is relatively flat. The project site and is located within the Valley Creek Watershed.



In the rocks of the Ledger Formation, the water bearing zones (groundwater) are almost entirely confined to secondary openings along bedding planes, joints, fractures and solution channels. During the subsurface investigation, groundwater was encountered within the regolith at depths ranging from 21 to 23 feet below ground surface (bgs).

The Ledger Formation is a fairly reliable source of groundwater. Many wells in this formation provide a median yield of 30 gallons per minute (gpm), with yields ranging from less than one gpm to 400 gpm. Well yield is typically based on the number and size of the secondary openings penetrated during well construction (Ground Water in Southeastern, Pennsylvania and Engineering Characteristics of the Rocks of Pennsylvania).

### 3.5 Soil Test Borings

Following the removal of the UST, confirmatory soil samples revealed that impacted soil was still present surrounding the excavation. To characterize the extent of the impacted soil, seven soil borings were installed on September 7, 2012. Five soil test borings (SB-1, SB-2, SB-3, SB-4 and SB-4A) were installed surrounding the original excavation site and two additional soil borings (SB-5 and SB-6) were installed through the concrete basement slab of the former Township building. Direct-push Geoprobe® drilling techniques (Northeast Regional Probing, Inc.) were used to install soil borings SB-1 through SB-4A. Hand auger techniques were used for the two soil borings located within the basement area of the building. The soil test boring locations are shown in **Figure 3-3**. Continuous macro-core samples of the regolith were procured starting at grade, with the final soil sample obtained immediately above the soils exhibiting slight dampness for the Geoprobe borings. Laboratory analysis was determined based on head space screening with a photo-ionization detector (MiniRae 2000 PGM-7600), visible and/or olfactory evidence or samples obtained directly above the soil-water interface. A total of 11 soil samples were *submitted to M.J. Reider Associates, Inc. and analyzed for the PaDEP No. 2 fuel oil target analyte list.* Two soil samples from the following test borings SB-1, SB-2, SB-3 and SB-4 were selected and one soil sample from test borings SB-4A, SB-5 and SB-6. All of the soil boring logs and sampling details are contained in **Appendix C**.

#### 3.5.1 SB-1 Installation

During the Geoprobe installation of soil test boring SB-1, macro-core samples of the regolith were obtained every four feet until the termination of the boring. Soil encountered in this boring were mainly combinations of silty clay to seven feet followed by clayey silt. Soil dampness was

encountered at a depth of 18 feet below ground surface (bgs). The highest photo-ionization detector (PID) field screening value was encountered at 14 feet bgs in the clayey silt, this sample was submitted for laboratory analysis. In addition, the soil sample procured from 17 feet bgs was also submitted for laboratory analysis. Target analytes were not detected in SB-1.

### **3.5.2 SB-2 Installation**

During the Geoprobe installation of soil test boring SB-2, macro-core samples of the regolith were obtained every four feet until the termination of the boring. The first 12 feet of the soil boring produced silty clay, followed by clayey silt with a trace of quartz fragments. Soil dampness was first encountered at a depth of 16 feet that terminated the boring. The highest PID field screening value was recorded at eight feet bgs, this sample was submitted for laboratory analysis. In addition, the soil sample procured from 15 feet bgs was also submitted for laboratory analysis. Target analytes were not detected in SB-2.

### **3.5.3 SB-3 Installation**

During the Geoprobe installation of soil test boring SB-3, macro-core samples of the regolith were obtained every four feet until the termination of the boring. During the first nine and half feet, silty clay was encountered followed by a two and one-half foot layer of dense fine-grained sandy clay. From a depth of 12 to 16 feet bgs the regolith consisted of clayey silt. Soil dampness was first encountered at a depth of 16 feet bgs. The highest PID field screening level was procured from ten feet bgs, this sample was submitted for laboratory analysis. In addition, the soil sample procured from 15 feet bgs was also submitted for laboratory analysis. Target analytes were not detected in SB-3.

### **3.5.4 SB-4 Installation**

During the Geoprobe installation of soil test boring SB-4, macro-core samples of the regolith were obtained every four feet until the termination of the boring. This soil boring followed suit with the previous borings with a silty clay until eight feet bgs followed clayey silt until the termination of the boring. Soil dampness was encountered at a depth of 16 feet bgs. High PID values were recorded at 10 feet and 15 feet bgs in the clayey silt. Soil samples from these areas (10 & 15 feet) were submitted to the laboratory for analysis. The high PID levels corresponded to the presence of No. 2 fuel oil target compounds. MSCs were exceeded for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene in SB-4.

### 3.5.5 SB-4A Installation

During the Geoprobe installation of soil test boring SB-4A, macro-core samples of the regolith were obtained every four feet until the termination of the boring. Silty clay was encountered to a depth of 8 bgs, followed by a two foot layer of fine-grained sandy clay. A tan clayey silt was present from ten to 16.5 feet bgs. Dampness was first encountered at a depth of 16.5 bgs which terminated the soil boring. The highest PID reading was recorded at a depth of 16 feet and this sample was procured for laboratory analysis. This was the only sample submitted from boring SB-4A. Target analytes were not detected in SB-4A.

### 3.5.6 SB-5 Installation

Soil test boring SB-5 was installed below the concrete slab of the Township building basement floor which is approximately nine (9) feet below the outside grade of the structure. This boring was installed by hand augering until refusal at a depth of three and one-half (3.5 ft) feet below basement grade. Clay and silt were encountered in the boring. The highest PID reading was encountered at three feet below basement grade, this sample was submitted for laboratory analysis. Target compounds were encountered in this sample with 1,3,5-trimethylbenzene exceeding the MSC.

### 3.5.7 SB-6 Installation

Soil test boring SB-6 was installed below the concrete slab of the Township building basement floor, which is approximately nine feet below the outside grade of the structure. During the installation of this soil boring, hand auger soil returns were obtained from beneath basement floor slab to auger refusal (4 feet). The soil matrix consisted clay and silt in this soil boring. The highest PID reading was recorded at three feet below the basement floor. A soil sample procured from three feet below basement grade was submitted for laboratory analysis. Target analytes were not detected in SB-6.

All downhole Geoprobe® and hand auger equipment were thoroughly decontaminated between each soil test boring utilizing Liquinox soap solution cleaning and a final rinse with distilled water. In addition, disposable macro-core samplers were utilized during the Geoprobe® soil sample collection. The soil samples from each selected sampling interval were placed directly into two Encore samplers and one glass sample container with a Teflon lined cap. During the sampling process, care was taken to eliminate headspace and minimize soil sample disturbance. Following collection, the soil samples were chilled to

approximately 4°C. Appropriate chain of custody procedures and documentation were maintained and submitted with the samples to M. J. Reider Associates, Inc. of Reading, Pennsylvania.

### 3.6 Monitoring Well Construction

In order to characterize the extent of the potentially impacted groundwater in the vicinity of the leaking UST, three monitoring wells (MW-1, MW-2 and MW-3) were installed on September 19, 2012. Following several rounds of sampling, groundwater in the vicinity of the former UST produced a very flat water table with fluctuating flow directions. Additional water level data was required to fully characterize the direction of groundwater flow and ensure the location of point of compliance monitoring wells. As a result, three additional monitoring wells (MW-4, MW-5 and MW-6) were installed on July 23, 2014. **Figure 3-4** shows the location of the monitoring wells in relation to the former UST site.

C. S. Garber and Sons, Inc. installed the six monitoring wells utilizing air rotary drilling techniques. The wells were constructed as flush-mount, two-inch PVC screened monitoring wells. The construction details of the wells are described below.

#### 3.6.1 MW-1 Construction

Monitoring well MW-1 was installed to a depth of 30 feet as a six-inch diameter borehole. MW-1 is located hydraulically upgradient of the former UST location. During drilling groundwater was first encountered at a depth of 23 feet below ground surface (bgs). A casing string of two-inch diameter, threaded, flush joint, schedule 40 PVC was constructed, with a 15 foot section of 0.020 slotted well screen outfitted with a bottom plug. The annulus around the screened interval was gravel packed with No. 2 graded quartz sand to two feet above the top of the screen. In order to form an impervious seal, two feet of bentonite pellets were placed above the gravel pack and hydrated with clean water. The remaining annular space was grouted to grade with cement/bentonite slurry. The wellhead was outfitted with an eight-inch diameter flush-mount manhole cover, locking well cap and lock. In addition, a concrete pad was constructed around the manhole to eliminate surface water from entering the well and to anchor the manhole assembly.

#### 3.6.2 MW-2 Construction

Monitoring well MW-2 was constructed to a depth of 30 feet as a six-inch diameter borehole. During drilling groundwater was first encountered at a depth of 21 feet bgs. A casing string of two-inch diameter, threaded, flush joint, schedule 40 PVC was constructed, with a 15 foot section

of 0.020 slot PVC well screen outfitted with a bottom plug. The annulus around the screened interval was gravel packed with No. 2 graded quartz sand to two feet above the top of the screen. An impervious seal of two feet of bentonite pellets were placed above the gravel pack and hydrated with clean water. The remaining annular space was grouted to grade with cement/bentonite slurry. The wellhead was outfitted with an eight-inch diameter flush mount manhole cover, locking well cap and lock. In addition, a concrete pad was constructed around the manhole to eliminate surface water from entering the well and to anchor the manhole assembly.

### 3.6.3 MW-3 Construction

Monitoring well MW-3 was constructed to a depth of 30 feet as a six-inch diameter borehole. During drilling groundwater was first encountered at a depth of 23 feet bgs. A casing string of two-inch diameter, threaded, flush joint, schedule 40 PVC was constructed, with a 15 foot section of 0.020 slot PVC well screen outfitted with a bottom plug. The annulus around the screened interval was gravel packed with No. 2 graded quartz sand to two feet above the top of the screen. An impervious seal was formed by two feet of bentonite pellets placed above the gravel pack and hydrated with clean water. The remaining annular space was grouted to grade with cement/bentonite slurry. The wellhead was outfitted with an eight-inch diameter flush-mount manhole cover, locking well cap and lock. In addition, a concrete pad was constructed around the manhole to eliminate surface water from entering the well and to anchor the manhole assembly.

### 3.6.4 MW-4 Construction

Monitoring well MW-4 was constructed to a depth of 31 feet as a six-inch diameter borehole. A trace of moisture was first encountered at 17 feet bgs. After 24-hours from construction, the groundwater level was recorded in the well at a depth of 20.39 feet below top of casing. A casing string of two-inch diameter, threaded, flush joint, schedule 40 PVC was constructed, with a 15 foot section of 0.020 slot PVC well screen outfitted with a bottom plug. The annulus around the screened interval was gravel packed with No. 2 graded quartz sand to two feet above the top of the screen. An impervious seal was formed by two feet of bentonite pellets placed above the gravel pack and hydrated with clean water. The remaining annular space was grouted to grade with cement/bentonite slurry. The wellhead was outfitted with an eight-inch diameter flush-mount manhole cover, locking well cap and lock. In addition, a concrete pad was constructed around the manhole to eliminate surface water from entering the well and to anchor the manhole assembly.

### 3.6.5 MW-5 Construction

Monitoring well MW-5 was constructed to a depth of 37 feet as a six-inch diameter borehole. After 24-hours following well construction, the groundwater level was at 23.72 feet below top of casing. A casing string of two-inch diameter, threaded, flush joint, schedule 40 PVC was constructed, with a 15 foot section of 0.020 slot PVC well screen outfitted with a bottom plug. The annulus around the screened interval was gravel packed with No. 2 graded quartz sand to two feet above the top of the screen. An impervious seal was formed by two feet of bentonite pellets placed above the gravel pack and hydrated with clean water. The remaining annular space was grouted to grade with cement/bentonite slurry. The wellhead was outfitted with an eight-inch diameter flush-mount manhole cover, locking well cap and lock. In addition, a concrete pad was constructed around the manhole to eliminate surface water from entering the well and to anchor the manhole assembly.

### 3.6.6 MW-6 Construction

Monitoring well MW-6 was constructed to a depth of 32 feet as a six-inch diameter borehole. A trace of moisture was first encountered at a depth of 17 feet bgs. After 24-hours following well construction, groundwater was measured at 20.05 feet below top of casing. A casing string of two-inch diameter, threaded, flush joint, schedule 40 PVC was constructed, with a 15 foot section of 0.020 slot PVC well screen outfitted with a bottom plug. The annulus around the screened interval was gravel packed with No. 2 graded quartz sand to two feet above the top of the screen. An impervious seal was formed by two feet of bentonite pellets placed above the gravel pack and hydrated with clean water. The remaining annular space was grouted to grade with cement/bentonite slurry. The wellhead was outfitted with an eight-inch diameter flush-mount manhole cover, locking well cap and lock. In addition, a concrete pad was constructed around the manhole to eliminate surface water from entering the well and to anchor the manhole assembly.

All drilling equipment was thoroughly decontaminated between wells utilizing high pressure steam cleaning. **Appendix D** contains the monitoring well construction logs. **Table 3-1** displays the well construction data.

**Table 3-1: Monitoring Well Construction**

<b>MW-1</b>	40° 01' 56.03"	75° 37' 54.87"	30	15-30	313.75
<b>MW-2</b>	40° 01' 55.47"	75° 37' 55.19"	30	15-30	313.14
<b>MW-3</b>	40° 01' 55.31"	75° 37' 54.82"	30	15-30	313.52
<b>MW-4</b>	40° 01' 55.31"	75° 37' 54.41"	31	15-30	313.46
<b>MW-5</b>	40° 01' 55.50"	75° 37' 54.19"	37	20-35	316.62
<b>MW-6</b>	40° 01' 55.69"	75° 37' 54.70"	32	15-30	313.62

### 3.7 Soil Analytical Results

To characterize the impacted soil from the leaking UST, seven soil test borings were installed on September 7, 2012. The purpose of the soil borings was to characterize the vertical and horizontal extent of the impacted soil. The soil samples were analyzed by M. J. Reider Associates, Inc. for the following analytes per the No. 2 fuel oil target compound list.

- Benzene
- Cumene
- Ethylbenzene
- MTBE
- Naphthalene
- Toluene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene

The analytical results for the soil samples are summarized in **Table 3-2**. The corresponding laboratory analytical report is presented in **Appendix E**.

**Table 3-2: Soil Test Boring Sampling Analytical Results**

Sample	Analyte	Concentration	MSC	Method
SB-1 (14')	Benzene	<29.3	500	EPA 5035/8260B
SB-1 (14')	Cumene	<29.3	600,000	EPA 5035/8260B
SB-1 (14')	Ethylbenzene	<29.3	70,000	EPA 5035/8260B
SB-1 (14')	MTBE	<29.3	2,000	EPA 5035/8260B
SB-1 (14')	Naphthalene	<29.3	25,000	EPA 5035/8260B
SB-1 (14')	Toluene	<29.3	100,000	EPA 5035/8260B
SB-1 (14')	1,2,4-Trimethylbenzene	<29.3	8,400	EPA 5035/8260B
SB-1 (14')	1,3,5-Trimethylbenzene	<29.3	2,300	EPA 5035/8260B
SB-1 (17')	Benzene	<27.2	500	EPA 5035/8260B
SB-1 (17')	Cumene	<27.2	600,000	EPA 5035/8260B
SB-1 (17')	Ethylbenzene	<27.2	70,000	EPA 5035/8260B
SB-1 (17')	MTBE	<27.2	2,000	EPA 5035/8260B
SB-1 (17')	Naphthalene	<27.2	25,000	EPA 5035/8260B
SB-1 (17')	Toluene	<27.2	100,000	EPA 5035/8260B
SB-1 (17')	1,2,4-Trimethylbenzene	<27.2	8,400	EPA 5035/8260B
SB-1 (17')	1,3,5-Trimethylbenzene	<27.2	2,300	EPA 5035/8260B
SB-2 (8')	Benzene	<30.3	500	EPA 5035/8260B
SB-2 (8')	Cumene	<30.3	600,000	EPA 5035/8260B
SB-2 (8')	Ethylbenzene	<30.3	70,000	EPA 5035/8260B
SB-2 (8')	MTBE	<30.3	2,000	EPA 5035/8260B
SB-2 (8')	Naphthalene	<30.3	25,000	EPA 5035/8260B
SB-2 (8')	Toluene	<30.3	100,000	EPA 5035/8260B
SB-2 (8')	1,2,4-Trimethylbenzene	<30.3	8,400	EPA 5035/8260B
SB-2 (8')	1,3,5-Trimethylbenzene	<30.3	2,300	EPA 5035/8260B
SB-2 (15')	Benzene	<29.3	500	EPA 5035/8260B
SB-2 (15')	Cumene	<29.3	600,000	EPA 5035/8260B
SB-2 (15')	Ethylbenzene	<29.3	70,000	EPA 5035/8260B
SB-2 (15')	MTBE	<29.3	2,000	EPA 5035/8260B
SB-2 (15')	Naphthalene	<29.3	25,000	EPA 5035/8260B
SB-2 (15')	Toluene	<29.3	100,000	EPA 5035/8260B
SB-2 (15')	1,2,4-Trimethylbenzene	<29.3	8,400	EPA 5035/8260B
SB-2 (15')	1,3,5-Trimethylbenzene	<29.3	2,300	EPA 5035/8260B
SB-3 (10')	Benzene	<30.9	500	EPA 5035/8260B
SB-3 (10')	Cumene	<30.9	600,000	EPA 5035/8260B
SB-3 (10')	Ethylbenzene	<30.9	70,000	EPA 5035/8260B
SB-3 (10')	MTBE	<30.9	2,000	EPA 5035/8260B
SB-3 (10')	Naphthalene	<30.9	25,000	EPA 5035/8260B
SB-3 (10')	Toluene	<30.9	100,000	EPA 5035/8260B
SB-3 (10')	1,2,4-Trimethylbenzene	<30.9	8,400	EPA 5035/8260B
SB-3 (10')	1,3,5-Trimethylbenzene	<30.9	2,300	EPA 5035/8260B

Note: Results reported in on a dry weight basis  
 Results presented in  $\mu\text{g}/\text{kg}$   
 MSC – Medium specific concentration/soil cleanup goal (residential, used aquifer, TDS  $\leq 2,500$ )  
 Bold and shaded values represent concentrations exceeding the MSC



**Table 3-2: Soil Test Boring Sampling Analytical Results (Cont'd)**

Sample	Analyte	Concentration	MSC	Method
SB-3 (15')	Benzene	<31.2	500	EPA 5035/8260B
SB-3 (15')	Cumene	<31.2	600,000	EPA 5035/8260B
SB-3 (15')	Ethylbenzene	<31.2	70,000	EPA 5035/8260B
SB-3 (15')	MTBE	<31.2	2,000	EPA 5035/8260B
SB-3 (15')	Naphthalene	<31.2	25,000	EPA 5035/8260B
SB-3 (15')	Toluene	<31.2	100,000	EPA 5035/8260B
SB-3 (15')	1,2,4-Trimethylbenzene	<31.2	8,400	EPA 5035/8260B
SB-3 (15')	1,3,5-Trimethylbenzene	<31.2	2,300	EPA 5035/8260B
SB-4 (10')	Benzene	<30	500	EPA 5035/8260B
SB-4 (10')	Cumene	885	600,000	EPA 5035/8260B
SB-4 (10')	Ethylbenzene	852	70,000	EPA 5035/8260B
SB-4 (10')	MTBE	<30	2,000	EPA 5035/8260B
SB-4 (10')	Naphthalene	7,550	25,000	EPA 5035/8260B
SB-4 (10')	Toluene	<30	100,000	EPA 5035/8260B
SB-4 (10')	1,2,4-Trimethylbenzene	6,690	8,400	EPA 5035/8260B
SB-4 (10')	1,3,5-Trimethylbenzene	2,130	2,300	EPA 5035/8260B
SB-4 (15')	Benzene	76	500	EPA 5035/8260B
SB-4 (15')	Cumene	1,520	600,000	EPA 5035/8260B
SB-4 (15')	Ethylbenzene	2,810	70,000	EPA 5035/8260B
SB-4 (15')	MTBE	<31	2,000	EPA 5035/8260B
SB-4 (15')	Naphthalene	18,600	25,000	EPA 5035/8260B
SB-4 (15')	Toluene	32	100,000	EPA 5035/8260B
SB-4 (15')	1,2,4-Trimethylbenzene	21,600	8,400	EPA 5035/8260B
SB-4 (15')	1,3,5-Trimethylbenzene	7,980	2,300	EPA 5035/8260B
SB-4A (16')	Benzene	<33.1	500	EPA 5035/8260B
SB-4A (16')	Cumene	<33.1	600,000	EPA 5035/8260B
SB-4A (16')	Ethylbenzene	<33.1	70,000	EPA 5035/8260B
SB-4A (16')	MTBE	<66.1	2,000	EPA 5035/8260B
SB-4A (16')	Naphthalene	<33.1	25,000	EPA 5035/8260B
SB-4A (16')	Toluene	<33.1	100,000	EPA 5035/8260B
SB-4A (16')	1,2,4-Trimethylbenzene	<33.1	8,400	EPA 5035/8260B
SB-4A (16')	1,3,5-Trimethylbenzene	<33.1	2,300	EPA 5035/8260B
SB-5 (3')	Benzene	<29	500	EPA 5035/8260B
SB-5 (3')	Cumene	100	600,000	EPA 5035/8260B
SB-5 (3')	Ethylbenzene	92	70,000	EPA 5035/8260B
SB-5 (3')	MTBE	<29	2,000	EPA 5035/8260B
SB-5 (3')	Naphthalene	3,140	25,000	EPA 5035/8260B
SB-5 (3')	Toluene	<29	100,000	EPA 5035/8260B
SB-5 (3')	1,2,4-Trimethylbenzene	6,050	8,400	EPA 5035/8260B
SB-5 (3')	1,3,5-Trimethylbenzene	2,870	2,300	EPA 5035/8260B

Note: Results reported in on a dry weight basis  
 Results presented in  $\mu\text{g}/\text{kg}$   
 MSC – Medium specific concentration/soil cleanup goal (residential, used aquifer, TDS  $\leq 2,500$ )  
 Bold and shaded values represent concentrations exceeding the MSC

**Table 3-2: Soil Test Boring Sampling Analytical Results (Cont'd)**

SB-6 (3')	Benzene	<30	500	EPA 5035/8260B
SB-6 (3')	Cumene	<30	600,000	EPA 5035/8260B
SB-6 (3')	Ethylbenzene	<30	70,000	EPA 5035/8260B
SB-6 (3')	MTBE	<30	2,000	EPA 5035/8260B
SB-6 (3')	Naphthalene	<30	25,000	EPA 5035/8260B
SB-6 (3')	Toluene	<30	100,000	EPA 5035/8260B
SB-6 (3')	1,2,4-Trimethylbenzene	<30	8,400	EPA 5035/8260B
SB-6 (3')	1,3,5-Trimethylbenzene	<30	2,300	EPA 5035/8260B

Note: Results reported in on a dry weight basis  
 Results presented in  $\mu\text{g}/\text{kg}$   
 MSC – Medium specific concentration/soil cleanup goal (residential, used aquifer, TDS  $\leq 2,500$ )  
 Bold and shaded values represent concentrations exceeding the MSC

Based on the review of **Table 3-2**, the laboratory analytical results of the soil samples procured during the installation of the seven soil test borings showed that a majority of the samples were below the soil cleanup goals with the exception of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene. The soil cleanup goals were exceeded in soil borings SB-4 (15 ft.) and SB-5 (3 ft.). As illustrated on **Figure 3-3**, SB-4 and SB-5 are located on the northwest and northeast sides of the former excavation. SB-5 was located under the existing building at the time of sampling. Two additional soil borings, (SB-4A and SB-6) were sited beyond SB-4 and SB-5 to determine the vertical and horizontal extent of the impacted soils. The analytical results from both of these borings were below the laboratory detection levels for the target compounds. The analytical results from these seven soil borings defined the vertical and horizontal extent that was utilized during excavation of the source removal.

### 3.8 Groundwater Laboratory Results

Four sets of groundwater samples were collected from the original three monitoring wells during consecutive quarterly monitoring events. Following the construction of the additional monitoring wells, two consecutive quarters were monitored from the six monitoring wells. Due to the release of No. 2 fuel oil, the water samples were analyzed in accordance with the PaDEP No. 2 fuel oil target list of compounds highlighted below.

- Benzene
- Cumene
- Ethylbenzene
- MTBE
- Naphthalene

- Toluene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene

The groundwater analytical results are summarized in **Tables 3-3 through 3-8** individually for each well. Due to a change of laboratory, the tables show the results as either <5 ug/l or ND (not detected) based on the individual laboratory report format. M.J. Reider Associates, Inc., analyzed the first two sampling events and TestAmerica analyzed the remaining sampling events. Monitoring Well MW-1 serves as the hydraulic upgradient well. Wells MW-2 through MW-6 represents the point of compliance wells. Well MW-5 was constructed within the former Township building footprint and MW-6 was constructed within the former UST excavation. The corresponding groundwater laboratory analytical reports are presented in **Appendix F**.

**Table 3-3: MW-1 Groundwater Analytical Results**

Benzene	5	ug/l	<5	<5	ND	ND	ND	ND
Cumene	840	ug/l	<5	<5	ND	ND	ND	ND
Ethylbenzene	700	ug/l	<5	<5	ND	ND	ND	ND
MTBE	20	ug/l	<10	<10	ND	ND	ND	ND
Naphthalene	100	ug/l	<5	<5	ND	ND	ND	ND
Toluene	1000	ug/l	<5	<5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	15	ug/l	<5	<5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	13	ug/l	<5	<5	ND	ND	ND	ND

Notes: MSC- Medium Specific Concentration (residential, used aquifer, TDS <2,500)  
 RL 1.0- Laboratory Reporting Limit 1.0 ug/l  
 ND- Not Detected

**Table 3-4: MW-2 Groundwater Analytical Results**

Benzene	5	ug/l	<5	<5	ND	ND	ND	ND
Cumene	840	ug/l	<5	<5	ND	ND	ND	ND
Ethylbenzene	700	ug/l	<5	<5	ND	ND	ND	ND
MTBE	20	ug/l	<10	<10	ND	ND	ND	ND
Naphthalene	100	ug/l	<5	<5	ND	ND	ND	ND
Toluene	1000	ug/l	<5	<5	ND	ND	ND	ND
1,2,4- Trimethylbenzene	15	ug/l	<5	<5	ND	ND	ND	ND
1,3,5- Trimethylbenzene	13	ug/l	<5	<5	ND	ND	ND	ND

Notes: MSC- Medium Specific Concentration (residential, used aquifer, TDS <2,500)  
 RL 1.0- Laboratory Reporting Limit 1.0 ug/l  
 ND- Not Detected

**Table 3-5: MW-3 Groundwater Analytical Results**

Benzene	5	ug/l	<5	<5	ND	ND	ND	ND
Cumene	840	ug/l	<5	<5	ND	ND	ND	ND
Ethylbenzene	700	ug/l	<5	<5	ND	ND	ND	ND
MTBE	20	ug/l	<10	<10	ND	ND	ND	ND
Naphthalene	100	ug/l	<5	<5	ND	ND	ND	ND
Toluene	1000	ug/l	<5	<5	ND	ND	ND	ND
1,2,4- Trimethylbenzene	15	ug/l	<5	<5	ND	ND	ND	ND
1,3,5- Trimethylbenzene	13	ug/l	<5	<5	ND	ND	ND	ND

Notes: MSC- Medium Specific Concentration (residential, used aquifer, TDS <2,500)  
 RL 1.0- Laboratory Reporting Limit 1.0 ug/l  
 ND- Not Detected

**Table 3-6: MW-4 Groundwater Analytical Results**

Benzene	5	ug/l	ND	ND
Cumene	840	ug/l	ND	ND
Ethylbenzene	700	ug/l	ND	ND
MTBE	20	ug/l	ND	ND
Naphthalene	100	ug/l	ND	ND
Toluene	1000	ug/l	ND	ND
1,2,4- Trimethylbenzene	15	ug/l	ND	ND
1,3,5- Trimethylbenzene	13	ug/l	ND	ND

Notes: MSC- Medium Specific Concentration (residential, used aquifer, TDS <2,500)  
 RL 1.0- Laboratory Reporting Limit 1.0 ug/l  
 ND- Not Detected

**Table 3-7: MW-5 Groundwater Analytical Results**

Benzene	5	ug/l	ND	ND
Cumene	840	ug/l	ND	ND
Ethylbenzene	700	ug/l	ND	ND
MTBE	20	ug/l	ND	ND
Naphthalene	100	ug/l	ND	ND
Toluene	1000	ug/l	ND	ND
1,2,4- Trimethylbenzene	15	ug/l	ND	ND
1,3,5- Trimethylbenzene	13	ug/l	ND	ND

Notes: MSC- Medium Specific Concentration (residential, used aquifer, TDS <2,500)  
 RL 1.0- Laboratory Reporting Limit 1.0 ug/l  
 ND- Not Detected

**Table 3-8: MW-6 Groundwater Analytical Results**

Benzene	5	ug/l	ND	ND
Cumene	840	ug/l	ND	ND
Ethylbenzene	700	ug/l	ND	ND
MTBE	20	ug/l	ND	ND
Naphthalene	100	ug/l	ND	ND
Toluene	1000	ug/l	ND	ND
1,2,4-Trimethylbenzene	15	ug/l	ND	ND
1,3,5-Trimethylbenzene	13	ug/l	ND	ND

Notes: MSC- Medium Specific Concentration (residential, used aquifer, TDS <2,500)  
 RL 1.0- Laboratory Reporting Limit 1.0 ug/l  
 ND- Not Detected

The groundwater sampling started in September 2012, prior to the final removal and disposal of the source material. Even with some of the source material still onsite, six straight groundwater sampling rounds have not produced a single compound above the cleanup MSCs. All of the groundwater analytical results are below the laboratory limit of quantitation and reported as "Not Detected". This includes the samples from Well MW-6, which was constructed in the original UST excavation.

During sampling the wells were purged for three well volumes and sampled with disposable bailers. All non-disposable sampling equipment was thoroughly decontaminated between wells with a Liquinox soap solution and a final rinse with distilled water. Water samples were collected directly from a disposable bailer. The sampling monitoring logs are presented in **Appendix G**.

### 3.9 Groundwater Characteristics

Based on the two, 2014 groundwater sampling events, groundwater at the site flows in a south to southeasterly direction towards Valley Creek. The direction of groundwater flow is shown on **Figure 3-5** and **Figure 3-6** from August 6, 2014 and November 3, 2014, respectively. The site groundwater monitoring data collected during the first four monitoring events were useful, but not adequate to fully characterize groundwater flow. The groundwater table was consistent from 2012 through 2014 with the average depth to water ranging from 20.14 feet to 23.57 feet bgs. The median depth to water at the site was 21.38 feet below ground surface.



The average horizontal hydraulic gradient at the former West Whiteland Township building is 0.004 ft/ft. Depth to water, groundwater elevation and hydraulic gradient are shown on **Table 3-9**.

**Table 3-9: Groundwater Characteristics**

MW-1	0	20.92	292.83	-	23.11	290.64	-
MW-2	58.5	20.53	292.61	0.004	22.71	290.43	0.004
MW-3	68.5	21.09	292.43	0.006	23.23	290.29	0.005
MW-4	76.5	20.91	292.55	0.004	23.10	290.36	0.004
MW-5	70.5	24.16	292.46	0.005	26.27	290.35	0.004
MW-6	35	20.92	292.70	0.004	22.98	290.64	0.000
Average:		21.42	Average:	0.005	23.57	Average:	0.003

### 3.10 Conceptual Site Model

The soils for the West Whiteland Township cleanup site are mapped as the Conestoga silt loam. This soil series has a subbase consisting of yellowish-brown silty clays. The soil series description was confirmed in the field with soil borings. Due to the high clay content, the soils surrounding the former UST are tight and thus restrict fluid movement. The clay content in the soil decreases with depth and grades into a silty soil matrix. The subsurface soils start as silty clay and around 10 feet bgs grades into a clayey silt followed by a sandy silt. The sandy silt layer was logged from 15 to 25 feet bgs. Bedrock was not encountered during construction of the soil borings or monitoring wells.

Groundwater was encountered seven to 10 feet below the bottom of the UST concrete pad. The groundwater table was typically encountered between 21 to 23 feet bgs. The average hydraulic gradient is very low at the site (0.004 ft/ft) with groundwater flowing in a south to southeastern direction.

The first indication that the former UST was leaking was petroleum odors and product in the basement wall. The UST was immediately removed along with 57 tons of impacted soil. The quick response of decommissioning and removal of the UST at the first indication of a problem helped to limit the horizontal and vertical extent of the release.

## 4.0 Statewide Health Standards

Based on the light petroleum nature of the release, the containment, and disposal of the source material, Statewide Health Standards (SHS) were selected for the cleanup. The SHSs include residential, used aquifer (TDS <2,500) selections for both soil and groundwater remediation attainment.

### 4.1 Soil Cleanup Goals

The SHS cleanup goals for the soil attainment demonstration are presented in **Table 4-1**.

**Table 4-1: Soil Cleanup Goals**

Benzene	≤500	500	μg/kg	EPA 5035/8260B
Cumene	≤600,000	600,000	μg/kg	EPA 5035/8260B
Ethylbenzene	≤70,000	70,000	μg/kg	EPA 5035/8260B
MTBE	≤2,000	2,000	μg/kg	EPA 5035/8260B
Naphthalene	≤25,000	25,000	μg/kg	EPA 5035/8260B
Toluene	≤100,000	100,000	μg/kg	EPA 5035/8260B
1,2,4-Trimethylbenzene	≤8,400	8,400	μg/kg	EPA 5035/8260B
1,3,5-Trimethylbenzene	≤2,300	2,300	μg/kg	EPA 5035/8260B

Note: MSC – Medium specific concentration (residential, used aquifer, TDS ≤2,500)

The medium specific concentrations (MSCs) for the soil cleanup goals were established by selecting the higher value between the residential (used aquifer) generic values and the 100 x GW value. The selected soils to groundwater numeric values were then compared to the residential soil direct contact values. The applicable MSCs/soil cleanup goals are the lowest values between the initially selected soil to groundwater numeric values and the direct contact numeric values. The soil cleanup goals are consistent with the Act 2 medium specific concentrations (MSCs) of the residential statewide health standard (residential, used aquifer, TDS ≤2,500).

### 4.2 Groundwater Cleanup Goals

Based on No. 2 fuel oil target list, the cleanup goals for the groundwater attainment demonstration are presented in **Table 4-2**.

**Table 4-2: Groundwater Cleanup Goals**

Benzene	≤5	5	μg/L	EPA 5030/8260
Cumene	≤840	840	μg/L	EPA 5030/8260
Ethylbenzene	≤700	700	μg/L	EPA 5030/8260
MTBE	≤20	20	μg/L	EPA 5030/8260
Naphthalene	≤100	100	μg/L	EPA 5030/8260
Toluene	≤1,000	1,000	μg/L	EPA 5030/8260
1,2,4-Trimethylbenzene	≤15	15	μg/L	EPA 5030/8260
1,3,5-Trimethylbenzene	≤13	13	μg/L	EPA 5030/8260

Note: MSC – Medium specific concentration (residential, used aquifer, TDS ≤2,500)

The groundwater cleanup goals are consistent with the Act 2 medium specific concentrations (MSCs) of the residential statewide health standard (residential, used aquifer, TDS ≤2,500).

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## **5.0 Ecological Screening**

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The property with the site cleanup is composed of a high percentage of impervious area including parking lots and buildings. In accordance with Pennsylvania Code, Chapter 250.311(b), an ecological evaluation is not required, due to the following:

- the cleanup only includes a light petroleum product,
- groundwater results are under the cleanup standards,
- separate phase liquids are not present, and the
- cleanup site is limited in size.

## 6.0 Remediation

Laboratory analytical results from the soil borings were used to characterize the vertical and horizontal extent of the impacted soil. On July 15, 2013, the impacted source material was removed and stockpiled onsite. **Figure 6-1** shows the excavated area in relationship to the soil borings. Approximately 227 cubic yards of subsurface clay/silt, rock and building rubble was removed. This included the original UST area plus an 18'x10'x8' area under the building footprint. The former Township building was demolished prior to the removal of the source material. When the original UST was removed, the excavation was backfilled with clean 2-A modified stone. This clean fill (~60 CY) was segregated during the excavation and stockpiled separately during the remediation activities. The excavated material was stockpiled on 6-mil plastic sheeting and remained covered until disposal. **Appendix H** contains photographs of the remediation activities.

Following the excavation, seven post-remediation confirmation soil samples were collected from the excavation to demonstrate attainment. The location of the soil samples are displayed on **Figure 6-1**. The samples were analyzed for the No. 2 fuel oil target list and are summarized in **Table 6-1**.

**Table 6-1: Post-Remediation Soil Analytical Results**

Benzene	500	ND	ND	ND	ND	ND	ND	ND
Cumene	600,000	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	70,000	ND	ND	ND	ND	ND	ND	ND
MTBE	2,000	ND	ND	ND	ND	ND	ND	ND
Naphthalene	25,000	ND	ND	ND	ND	ND	ND	ND
Toluene	100,000	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	8,400	ND	ND	ND	ND	ND	ND	1.2
1,3,5-Trimethylbenzene	2,300	ND	ND	ND	ND	ND	ND	ND

Analytical results are reported in ug/kg.  
ND- Not Detected

The analytical results are reported on a dry weight basis and are all under the laboratory limit of quantitation with the exception of 1,2,4-trimethylbenzene from sample location SS-7. The analytical result for 1,2,4-trimethylbenzene was 1.2 ug/kg and was significantly under the MSC of 8,400 ug/kg. The post-remediation laboratory report is contained in **Appendix I**.

On September 4, 2013, the No. 2 fuel oil contaminated soil was disposed at the Clean Earth of Philadelphia facility. The total weight of contaminated soil removed from site and disposed at the Clean Earth facility was 294.21 tons. The Clean Earth disposal paperwork, DEP Form U and weight tickets are enclosed in **Appendix J**.

---

## 7.0 Attainment

---

### 7.1 Soil SHS Attainment Demonstration

During the last day of December 2008, petroleum product was detected in a basement wall of the West Whiteland Township Building. The source of the release was an unregulated underground fuel oil storage tank, which was immediately removed. Along with the UST, 57 tons of contaminated soil was disposed. Five confirmatory soil samples collected from the UST excavation exceeded the residential, Statewide Health Standard MSCs for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene compounds. With the UST excavation located adjacent to the Township building the excavation was backfilled with 2-A modified stone. In September 2009, eight soil borings were installed by ELI with samples collected from the soil/water interface. Although a few of the No. 2 fuel oil analyte target compounds were detected, none exceeded the residential Statewide Health Standard limits. In 2012, seven soil borings were installed with soil samples procured from the depth with the highest PID measurements. Two soil borings produced elevated levels of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene. These soil borings were utilized to define the vertical and horizontal extent of the impacted soil. West Whiteland Township is seeking a release environmental liability for No. 2 fuel oil target analytes per the residential, Statewide Health Standards. In accordance with 25 PA Code, Chapter 250, Section 250.703, the attainment for the soil Statewide Health Standards has been fulfilled based on the following.

- A total of 351.51 tons of petroleum impacted soil was disposed offsite. 57.3 tons was disposed in 2009 and 294.21 tons was disposed in 2013.
- The laboratory analytical results of biased soil samples collected from the base and sidewalls of the 2013 excavation revealed that the target No. 2 fuel oil compounds were all below the Act 2 MSCs for residential, statewide health standards.
- Due to high clay content in the residual soil, the vertical and horizontal extent of the release was limited. Groundwater was not encountered in the 17 foot deep excavation.
- Since the release only included a light petroleum product with a limited impact, the ecological screening process was not warranted.
- For a vapor intrusion pathway to be a concern, two conditions must be met. The first is an inhabited structure within 100 feet of the release. The second is chemical compound concentrations above set threshold limits. During November 2009, West Whiteland staff moved out of the Township building located on 222 North Pottstown Pike. The vapor intrusion pathway was completely eliminated when the building was demolished in July 2013.

- The soil to groundwater pathway was eliminated with source material excavated and removed from site. No separate phase liquids were observed and no groundwater samples revealed any of the target analytes above laboratory detection levels. This includes Well MW-6 which was constructed directly under the former UST. Accordingly, a fate & transport model was not developed for the site.
- The cleanup site does not meet the localized contamination standards, so the biased sampling program was utilized. Seven soil samples were collected from the excavation and all met the statewide health standards for No. 2 fuel oil target compounds. The soil attainment demonstration statistical method was met in accordance the Land Recycling Program Technical Guidance Manual Section IV.B.5.b.c., No Exceedance Rule.
- The post-excavation analytical results are contained in **Appendix H** and summarized in **Table 6-1**.

## 7.2 Groundwater SHS Attainment Demonstration

During the initial 2009 ELI investigation, Soil Boring SB-3 was placed in the center of the former UST site. The soil boring was constructed to a depth of 20 feet, then an expendable point and casing was driven to a depth of 25 feet and a water sample was collected. The following No. 2 fuel oil target compounds exceeded the Act 2 MCLs from this sample.

• Benzene	32.2 ug/l (MCL: 5 ug/l)
• Naphthalene	148 ug/l (MCL: 100 ug/l)
• 1,2,4-trimethylbenzene	102 ug/l (MCL: 15 ug/l)
• 1,3,5-trimethylbenzene	39.5 ug/l (MCL: 13 ug/l)

As a result of the compound concentrations of the ELI SB-3 water sample, three monitoring wells were originally installed to characterize the groundwater conditions. Due to a very flat groundwater table at the site and fluctuating flow directions, addition monitoring wells were installed to fully characterize the release. The designated point of compliance wells are MW-2, MW-3, MW-4, MW-5 and MW-6 with MW-1 as the upgradient well.

Based on review of **Table 3-3** through **Table 3-8**, the groundwater attainment monitoring target compounds were below the cleanup goals of Act 2 MSCs for residential, statewide health standards. Six quarters of groundwater attainment monitoring met the Act 2, No Exceedance Rule.



The following requirements of groundwater attainment demonstration have been fulfilled.

- There is adequate spatial monitoring of the down-gradient point of compliance wells.
- As no target groundwater analyte concentrations exceeded the laboratory limit of quantitation (non-detect) for the cleanup goals, fate and transport modeling was not feasible or warranted.
- No separate phase liquids were detected during the groundwater attainment monitoring.
- The source material (351.51 tons of petroleum impacted soil) was removed and disposed off-site.
- A majority of the property is composed of impervious features including, entrance way, parking areas and buildings.
- As the impact is associated with a light petroleum product, no target groundwater analyte exceeded the cleanup goals, and separate phase liquids were not encountered, an ecological evaluation was not required.
- As the result of the removal of the adjacent building and source material, no vapor intrusion evaluation was required.
- The property and surrounding area is serviced by public water supplied by Aqua America.
- All of the analytical results were below the Act 2 groundwater cleanup goals for residential, statewide health standards.

---

## 8.0 Fate and Transport Analysis

---

Fate and transport analysis in the Act 2 Land Recycling Program is utilized to provide predictive assumptions for the movement of contaminants. The modeling is based on site characteristics and to ensure the cleanup standards are achieved during the present and future conditions. In the case of the West Whiteland Township UST site release, the contaminated soil media was fully characterized, excavated and removed from site. The source material was eliminated. None of the target groundwater analytes were detected during the site characterization or attainment monitoring performed by SSM. Without any soil or groundwater target compounds to assess, fate and transport modeling is not feasible or warranted.

---

## **9.0 Post-Remediation Care Plan**

---

The West Whiteland Township site remediation has achieved attainment for statewide health standards for soil and groundwater. Since the source material has been removed from site, soil and groundwater attainment will be achieved into the future without any post-remediation care controls. Based on the nature of the release, remediation and attainment results, a post-remediation care plan is not required for the West Whiteland Township property.

---

## 10.0 References

---

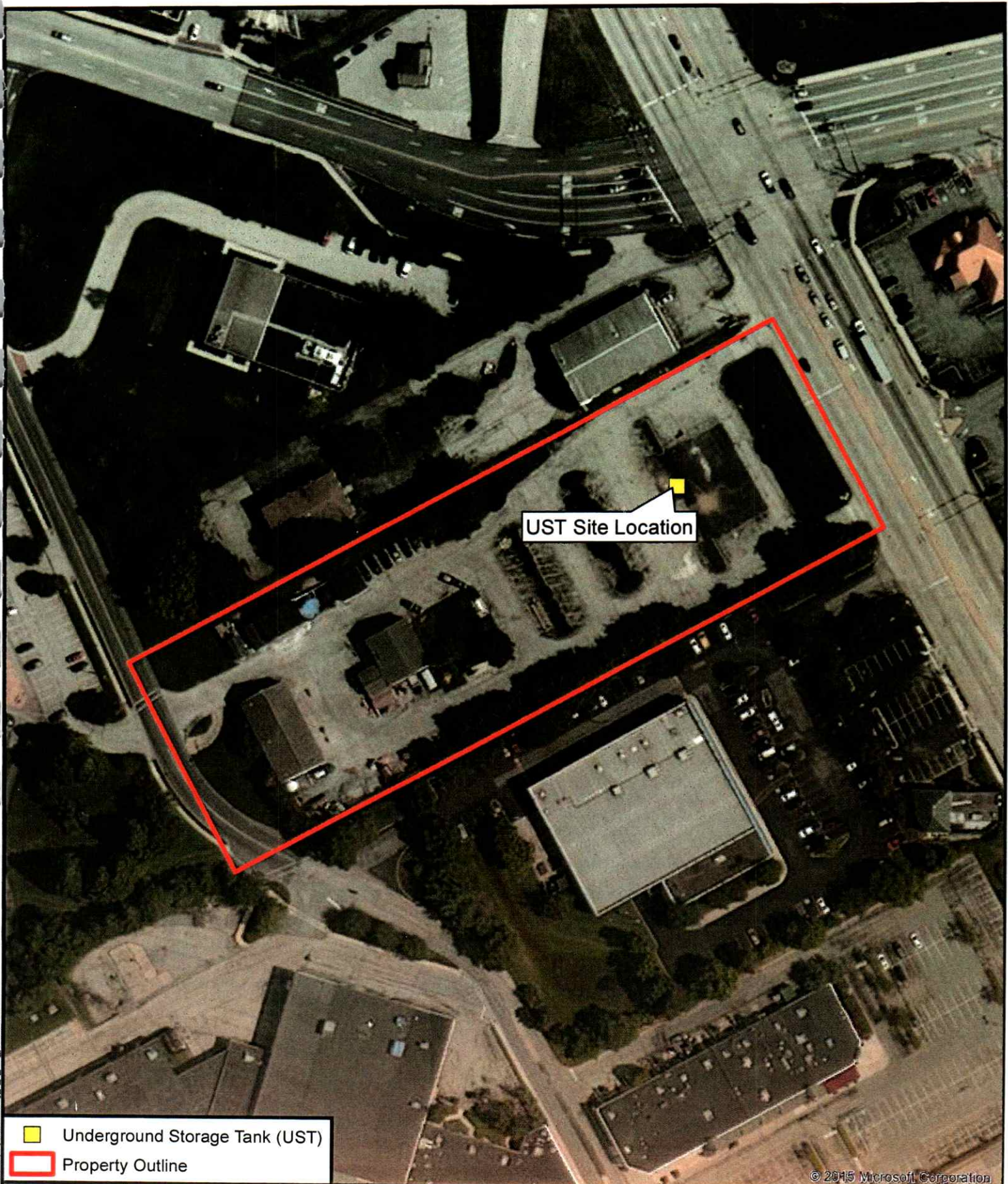
US Department of Agriculture, Soil Conservation Services, 1963, Soil Survey of Chester and Delaware Counties, Pennsylvania.

Pennsylvania Geologic Survey, 1980, Geologic Map of Pennsylvania, Map 1.

Geyer, Wilshusen, 1982, Engineering Characteristics of the Rocks of Pennsylvania.

Pennsylvania Department of Environmental Protection, Land Recycling Program Technical Guidance Manual.

Pennsylvania Code, Chapter 250 Administration of Land Recycling Program.



Underground Storage Tank (UST)  
 Property Outline

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02/05/15



**Figure 2-1**  
**Site Location**  
**Former West Whiteland**  
**Township Building**  
**Exton, Pennsylvania**



**SSM GROUP, INC.**  
 Engineering and Environmental Services  
 Reading | Lehigh Valley | Central Pennsylvania  
 P: 610.621.2000 F: 610.621.2001  
 ssmgroup.com

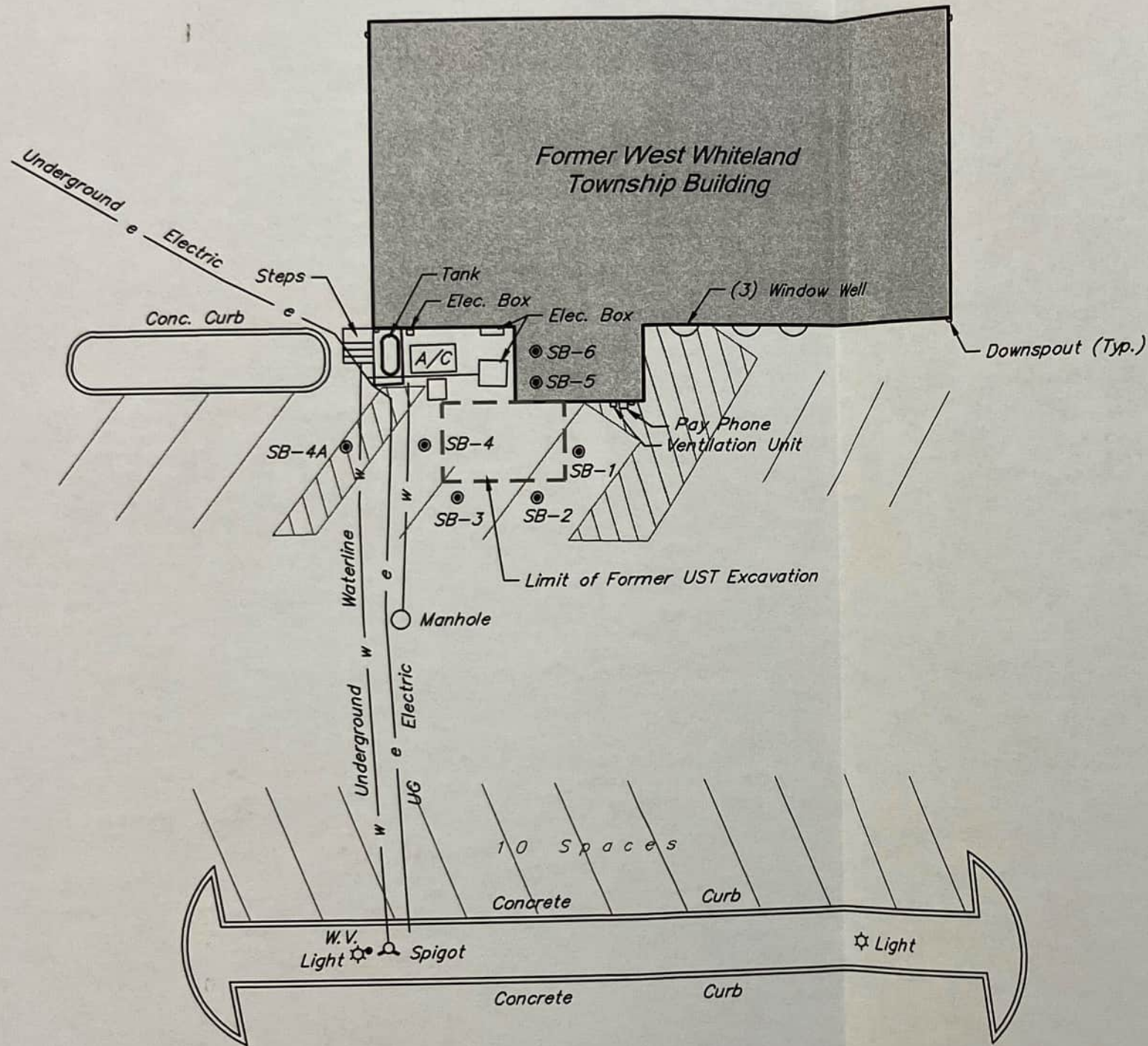
Data Source:  
 Site, SSM, 2012  
 Reference Point, SSM, 2012





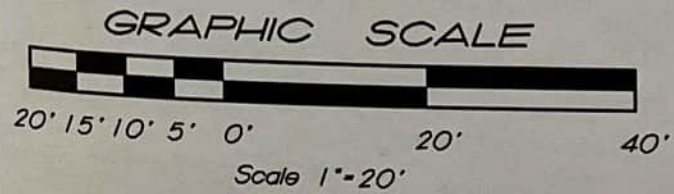






**LEGEND**

● SOIL TEST BORING LOCATION



NO.	DATE	DESCRIPTION	MADE	CHKD	APVD



**SSM**  
SSM Group, Inc.  
Engineers and Environmental Services  
ssmgroup.com

**WEST WHITELAND TOWNSHIP**  
101 COMMERCE DRIVE EXTON, PA 19341

**SOIL TEST BORING LOCATIONS**

**FORMER WEST WHITELAND TOWNSHIP BUILDING**  
EXTON, PENNSYLVANIA

COPYRIGHT 2012 SSMGROUP, INC.

11/01/12 1010080236  
DATE FIG. 3-3

101008.0236  
WORK ORDER NUMBER

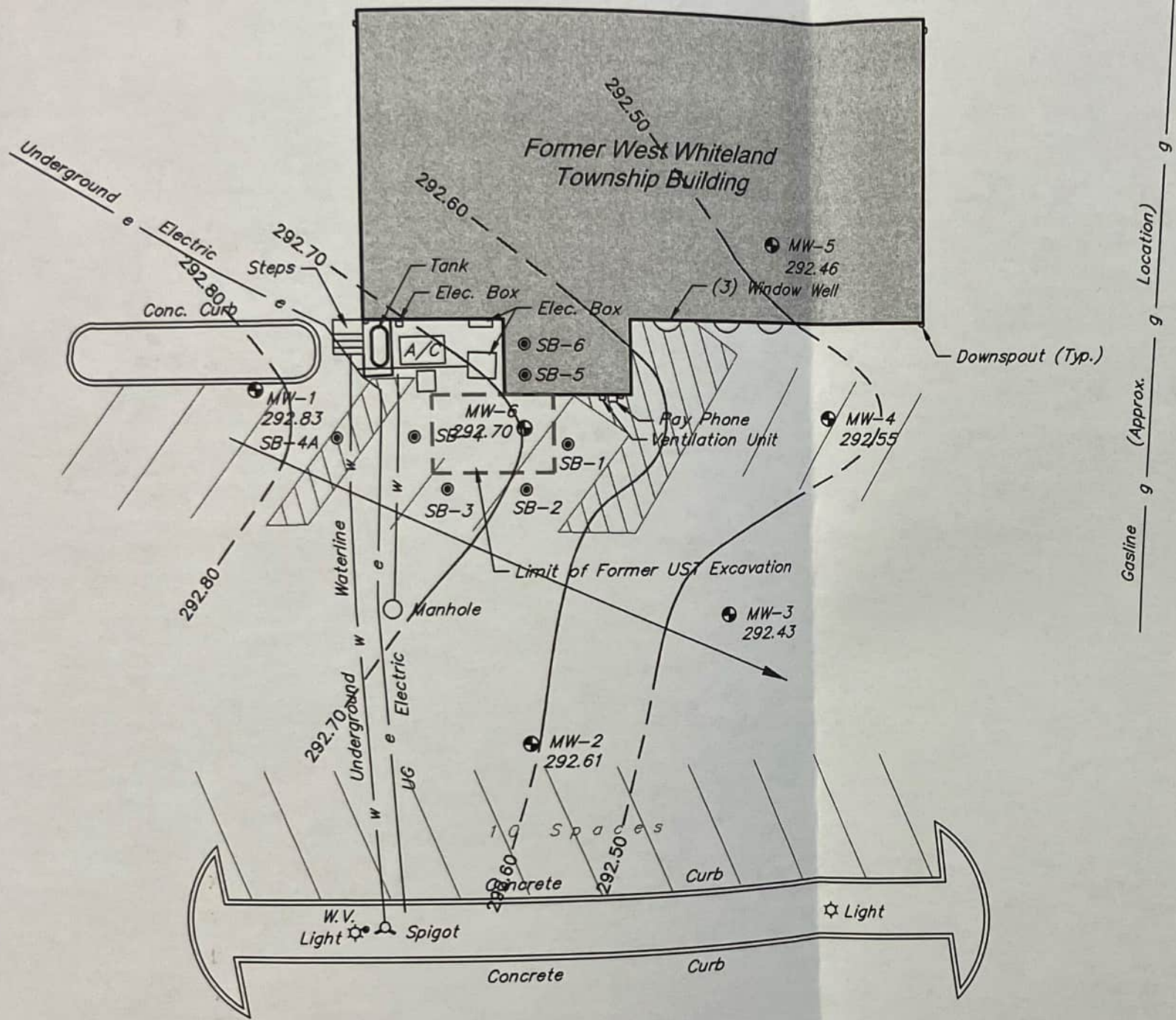
**FIG 3-3**  
DRAWING NUMBER

RELEASED FOR:  
**FINAL**  
NOT FOR CONSTRUCTION

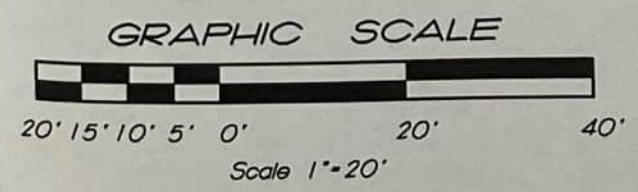
PROJECT MANAGER:  
BASE BY: HMM  
DRAWN BY: HMM

DESIGNED BY:  
DATE:  
CHKD:





- LEGEND**
- MONITORING WELL LOCATION
  - ⊙ SOIL TEST BORING LOCATION
  - GROUNDWATER FLOW DIRECTION
  - 292.60 --- POTENTIOMETRIC SURFACE (CONTOUR INTERVAL: 0.01 FT.)



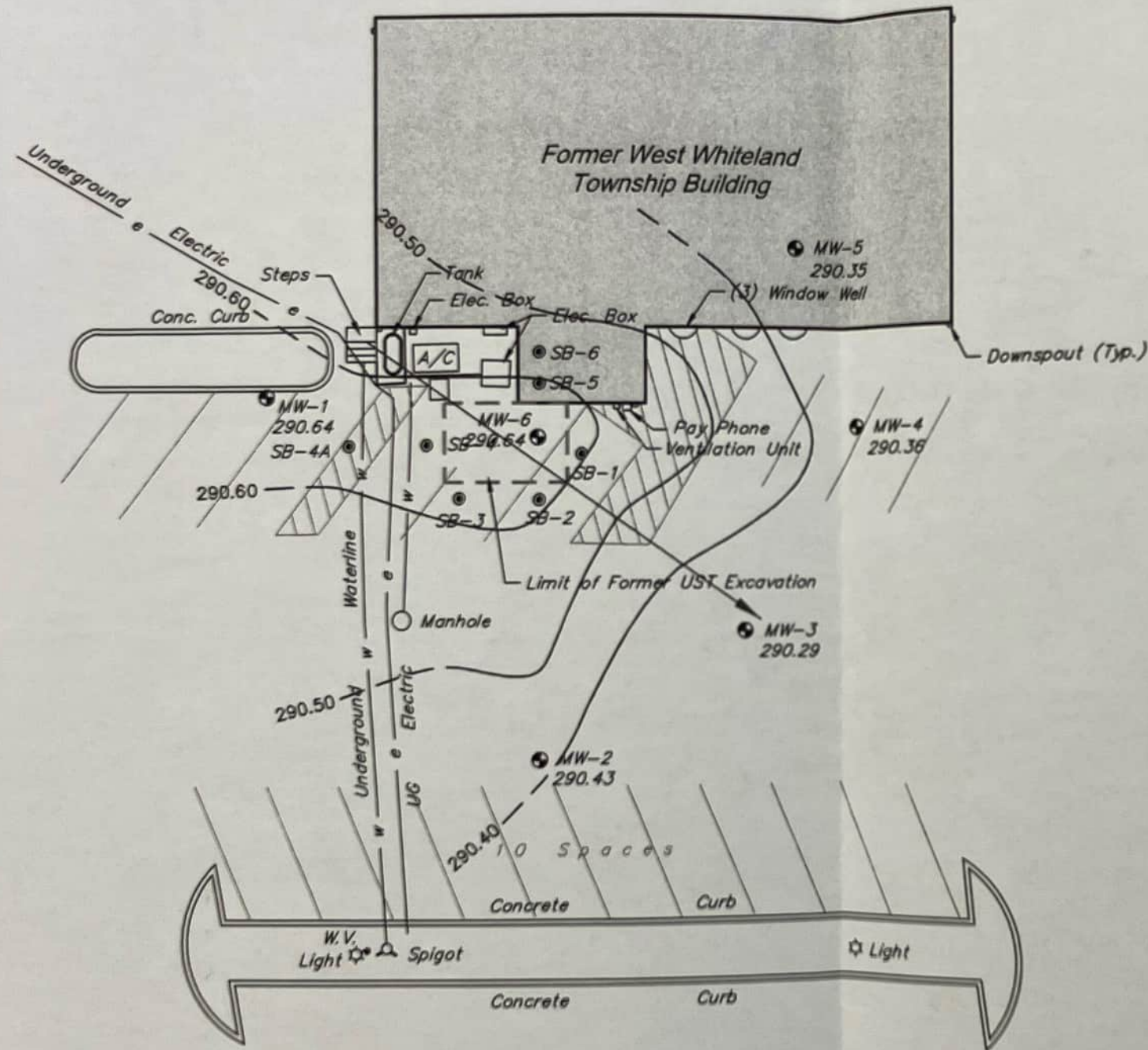
NO.	DATE	DESCRIPTION	MADE	CHKD	APVD

**WEST WHITELAND TOWNSHIP**  
 101 COMMERCE DRIVE EXTON, PA 19341  
**GROUNDWATER CONTOUR MAP (08/06/14)**  
**FORMER WEST WHITELAND TOWNSHIP BUILDING**  
 EXTON, PENNSYLVANIA  
 COPYRIGHT 2014 SSMGROUP, INC.

8/26/14 1010080236  
 DATE DIGITAL FILENAME  
**101008.0236**  
 WORK ORDER NUMBER  
**FIG 3-5**  
 DRAWING NUMBER

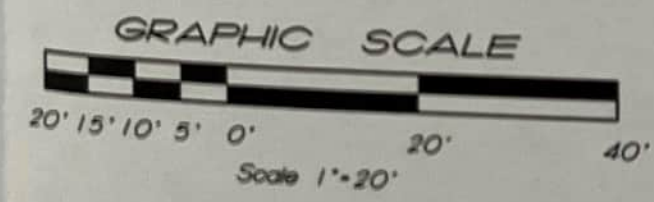
**SSM**  
 SSM Group, Inc.  
 Engineers and Environmental Services  
 ssmgroup.com  
 LEHIGH VALLEY  
 City Line Plaza, Suite 300  
 2025 City Line Road  
 Allentown, PA 18103-1701  
 P: 610.489.9700  
 F: 610.489.9701  
 READING  
 1027 North Park Road  
 Park Hill, PA 19381-1037  
 P: 610.671.2000  
 F: 610.671.2001

**RELEASED FOR:  
 FINAL  
 NOT FOR CONSTRUCTION**  
 PROJECT MANAGER:  
 BASE BY: HMM N.B.: DESIGNED BY:  
 DRAWN BY: HMM DATE:  
 CHKD: K.F



**LEGEND**

- MONITORING WELL LOCATION
- ⊙ SOIL TEST BORING LOCATION
- GROUNDWATER FLOW DIRECTION
- 290.40 — POTENTIOMETRIC SURFACE (CONTOUR INTERVAL: 0.10 FT.)



NO.	DATE	DESCRIPTION	MADE	CHKD	APVD

**WEST WHITELAND TOWNSHIP**  
 101 COMMERCE DRIVE EXTON, PA 19341  
**GROUNDWATER CONTOUR MAP (11/03/14)**  
**FORMER WEST WHITELAND TOWNSHIP BUILDING**  
 EXTON, PENNSYLVANIA  
 COPYRIGHT 2014 SSMGROUP, INC.

11/11/14 1010080236  
 DATE DIGITAL FILENAME

101008.0236  
 WORK ORDER NUMBER

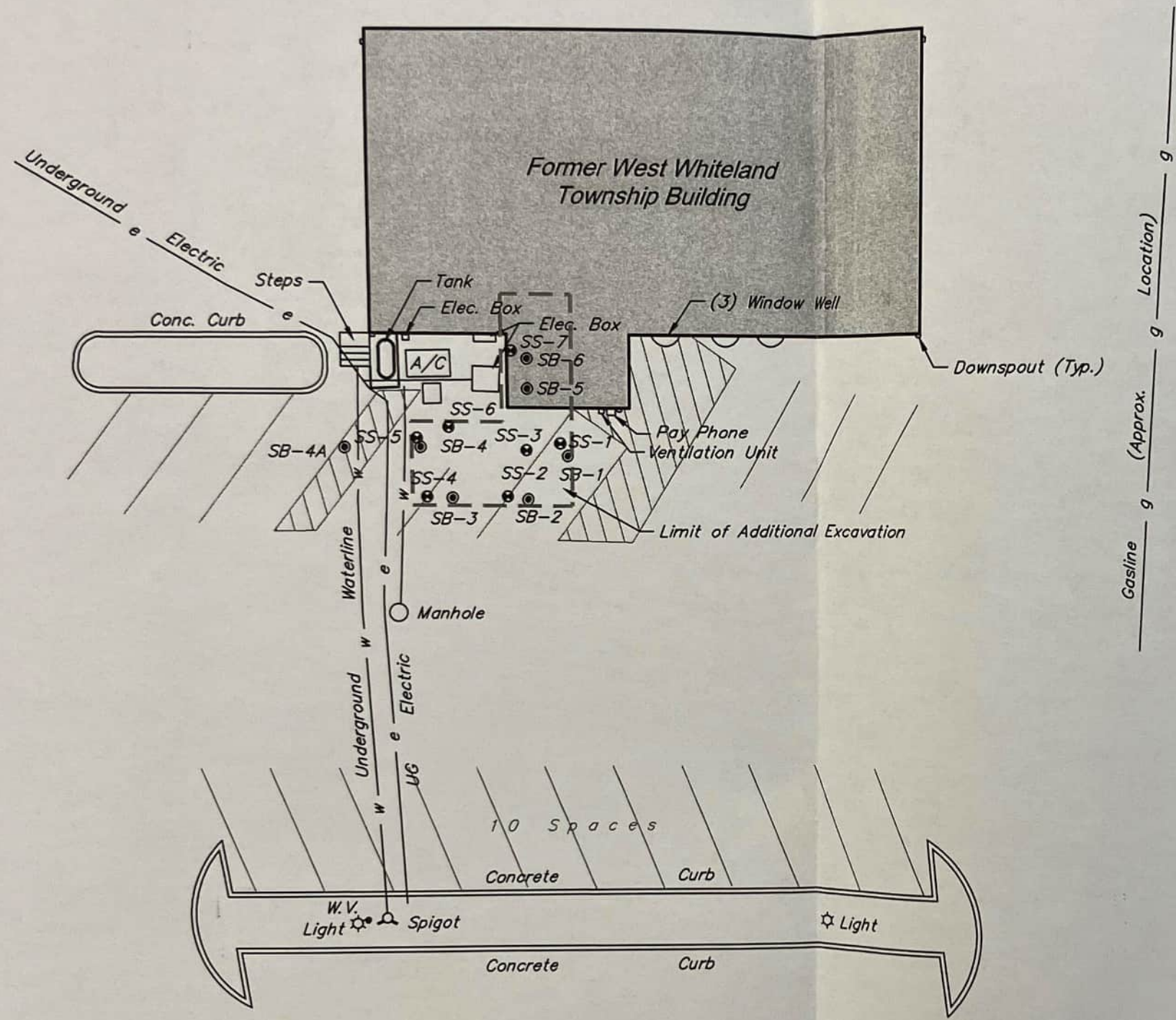
**FIG 3-6**  
 DRAWING NUMBER

**SSM**  
 SSM Group, Inc.  
 Engineers and Environmental Services  
 ssmgroup.com

LEHIGH VALLEY  
 201 Lehigh Avenue, Suite 300  
 Allentown, PA 18101-7704  
 P: 610.261.8100  
 F: 610.261.8101  
 1017 North Park Road  
 PO Box 8207  
 Allentown, PA 18101-0807  
 P: 610.261.2801

RELEASED FOR:  
**FINAL**  
 NOT FOR CONSTRUCTION

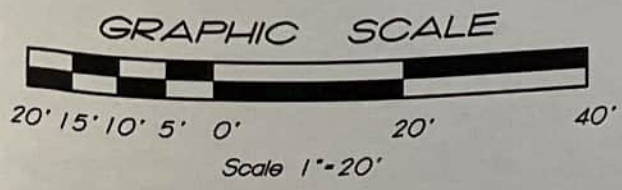
PROJECT MANAGER: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: IMM DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_



Gasline (Approx.) Location

**LEGEND**

- POST-REMEDIATION SOIL SAMPLES
- ⊙ SOIL TEST BORING LOCATION



NO.	DATE	DESCRIPTION	MADE	CHKD	APVD

**WEST WHITELAND TOWNSHIP**  
 101 COMMERCE DRIVE EXTON, PA 19341  
**SOIL EXCAVATION AREA**  
**FORMER WEST WHITELAND TOWNSHIP BUILDING**  
 EXTON, PENNSYLVANIA  
 COPYRIGHT 2012 SSMGROUP, INC.

09/08/12 1010080236  
 DATE DIGITAL FILENAME  
**101008.0236**  
 WORK ORDER NUMBER  
**FIG 6-1**  
 DRAWING NUMBER

**SSM**  
 SSM Group, Inc.  
 Engineers and Environmental Services  
 ssmgroup.com  
 LEHIGH VALLEY  
 2000 Chalfont Pike, Suite 300  
 Berwyn, PA 19312-7701  
 P: 610.668.8700  
 F: 610.668.8701  
 WEST VIRGINIA  
 1007 New Hope Road  
 PO Box 6307  
 Martinsburg, PA 19610-0307  
 P: 610.231.2001

**RELEASED FOR:  
 FINAL  
 NOT FOR CONSTRUCTION**  
 PROJECT MANAGER:  
 BASE BY: HMM  
 DRAWN BY: HMM  
 DESIGNED BY:  
 N.B.:  
 DATE:  
 CHKD: K.F

d2



# Enviro Link, Inc.

Your Answer To Environmental Compliance Issues

October 14, 2009

West Whiteland Township Building  
Brian Gordon  
222 North Pottstown Pike  
Exton, PA 19341

Attention: Brian Gordon

Subject: West Whiteland Township Building Geoprobe  
Investigation Summary Report

Dear Mr. Gordon,

A leaking 1,000 gallon #2 fuel oil underground storage tank (UST) was removed at the township building on December 31, 2008. Approximately 57.3 tons of #2 fuel oil impacted soil was excavated and disposed. The excavation reportedly extended to a depth of 14 feet below ground surface (fbgs).

Following the removal of the UST and associated contaminated soil, five biased (5) post-excavation soil samples were procured for laboratory analysis of #2 fuel oil parameters. All five (5) soil samples had contaminant concentrations exceeding the Pennsylvania Department of Environmental Protection (PADEP) Residential Statewide Human Health Standards (RSHHSs) for 1,2,4- and 1,3,5-trimethylbenzene.

Enviro Link, Inc. (ELI) performed a soil boring, Geoprobe® investigation on September 23, 2009. A total of eight (8) soil borings (SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, SB-7, and SB-8) were performed to depths ranging from 20 - 25 fbgs. See the attached figure for the soil boring locations. Borings were advanced in 5' intervals using direct push, Geoprobe® equipment operated by Bassett Environmental Associates. A clean, hollow, plastic sleeve was inserted into each hollow rod to pull up soil from the associated 5' interval. The sleeves were then split longitudinally, and soils were logged, and screened using a Photoionization Detector (PID) Meter for volatile petroleum vapors. PID readings ranged from 0.0 to 450 parts per million by volume (ppmV). See the attachments for the soil logs and the corresponding PID meter readings.

*Enviro Link, Inc.*  
*W. Whiteland Twp. Summary Report*

A total of eight (8) soil samples were procured from the soil and groundwater interface. Sample depths ranged from 17.5 to 22 ftbgs. All soil samples procured during the September 23, 2009 Geoprobe® investigation were analyzed at Analytical Laboratories, Inc. (ALS) for #2 fuel oil parameters. The analytes for detection include: benzene; ethylbenzene; isopropylbenzene (cumene); MTBE; naphthalene; toluene; 1,2,4-trimethylbenzene; and 1,3,5-trimethylbenzene. All eight (8) soil samples procured on September 23, 2009 had low and non-detectable contaminant concentrations of #2 fuel oil parameters, below the PADEP RSHHSs. Analytical results are summarized on the table attached to this report.

During Geoprobe® activities, sheen was noted on saturated soil in SB-3, SB-4, and SB-6.

A groundwater sample was procured from SB-3 and analyzed at ALS for #2 fuel oil parameters (constituents listed above also pertain to water). Benzene; naphthalene; 1,2,4-trimethylbenzene; and 1,3,5-trimethylbenzene contaminant concentrations exceeded the PADEP RSHHSs for groundwater. SB-3 was located in the approximate center of the former 1,000 gallon UST excavation. A diagram showing the soil boring locations and a table with groundwater analytical results are attached to this report.

The area of remaining contaminated soil appears to be limited to the UST excavation identified on Figure 1. Impacted groundwater is present at a depth of approximately 17.5 ftbgs. The following recommendations are offered:

- Complete a site characterization for groundwater including the installation of a minimum of three (3) groundwater monitoring wells.
- Remediate additional contaminated soil within the former excavation area.
- Perform the characterization and remediation in accordance with the PADEP Act 2 (Land Recycling Act) requirements including a demonstration of attainment of appropriate clean-up standards.

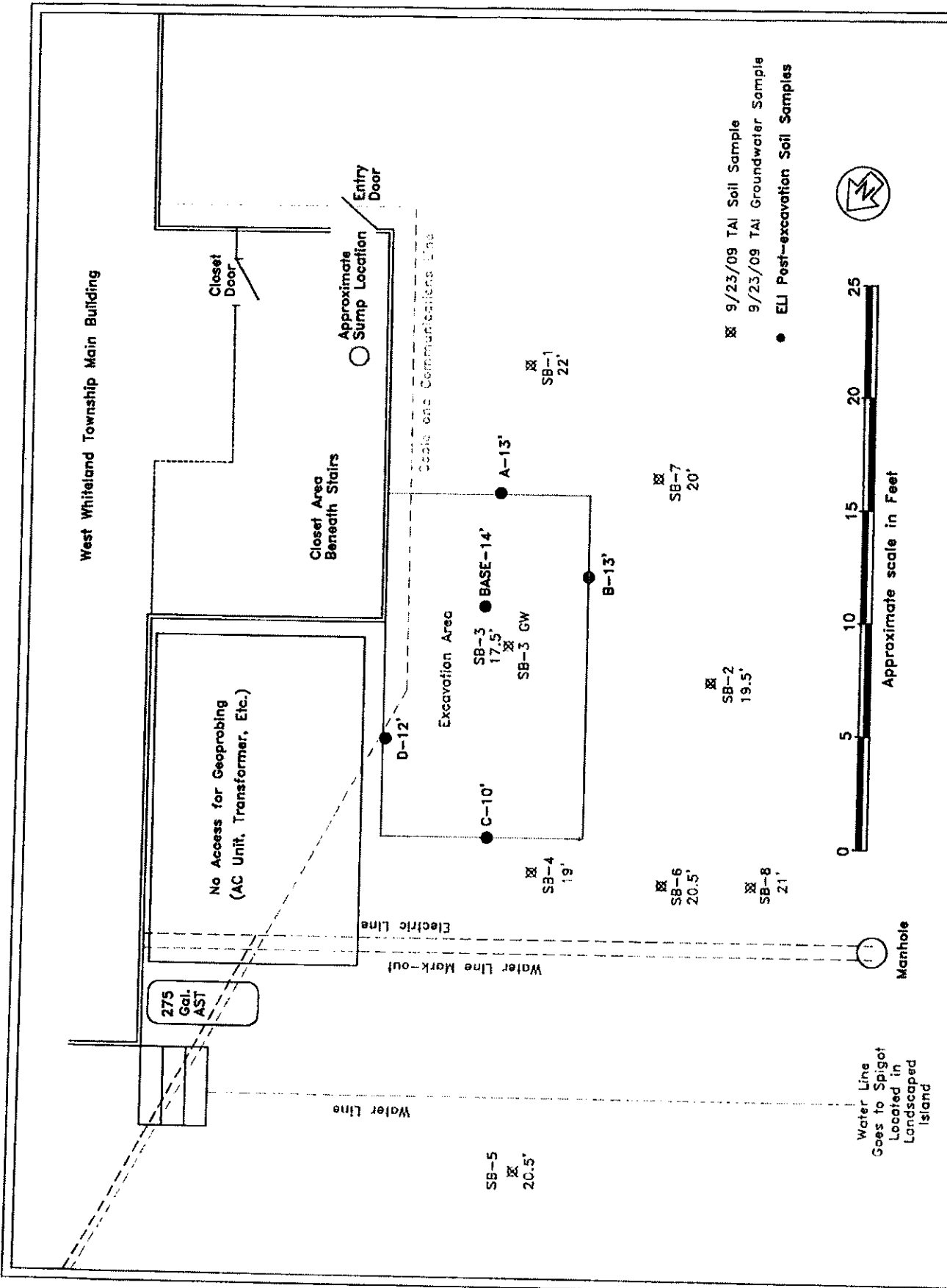
If you have any questions regarding this report, please feel free to contact me at (610) 869-7259. Thank you for the opportunity to work with you on this project.

Sincerely,  
Enviro Link, Inc.



Frank T. Lynch  
President

Attachments: Site Diagram  
Soil Boring Logs  
Soil and Groundwater Analytical Results



- ⊗ 9/23/09 TAI Soil Sample
- ⊗ 9/23/09 TAI Groundwater Sample
- ELI Post-excavation Soil Samples

West Whiteland Township Building  
 222 North Pottstown Pike  
 Exton, PA 19341

Figure 1  
 Site Diagram

Prepared by: Enviro Link, Inc.

DWG: ELJ/W.Whiteland  
 Init: KL  
 Date: 10/8/09



West Whiteland Township Building  
 Exton, PA

Geoprobng with Bessett Environmental  
 Track Rig, 2" borings, 5' sleeves  
 9/23/2009

ID/Depth	Description	PID (ppmV)
0 - 2'	Asphalt followed by gravel and fill material. 30% recovery in 0 - 5' sleeve.	0.4
2' - 11.75'	Slightly moist, dark brown, hard, silty clay with moderate plasticity and cohesion. No odor present. Becomes light brown in color at 4'. Quartz/fill fragments present at 9'.	0.0 - 3.1
11.75' - 21'	Slightly moist, orange and white, sandy clay with quartz and sandstone. Coarse grain sand, weathered sandstone, and silt present at 16'.	0.0
21' - 25'	Moist to saturated, light grey and orange, friable, very fine grain sand and silt with no odor nor sheen. Mottling present. Saturated at 22.25'.	0.0
SAMPLE at 22', unsaturated, 0.0 ppmV 9:55		

SB-2		
0 - 1.5'	Asphalt followed by gravel and fill material.	0.0
1.5' - 3'	Slightly moist, dark brown, silty clay.	0.0
3' - 11'	Slightly moist, brown, friable, hard, silty clay with faint mottling.	0.0
11' - 13'	Slightly moist, brown, friable, clayey silt with very fine grain sand. Large quartz fragments at 12.5'. Visible mica grains present.	0.0
13' - 14'	Slightly moist, orange-brown, silty clay.	0.0
14' - 20'	Slightly moist, dark grey, orange, brown, friable, very fine grain, sandy silt. Becomes very moist at 17'. Saturated at 19.5'. No noticeable odor nor sheen.	0.0
SAMPLE at 19.5', unsaturated, 0.0 ppmV 10:30		

SB-3		
0 - 14.5'	Dry to moist, grey-brown, gravel and fill material with clay. 30% recovery in 0 - 5' and 10' - 15' sleeves. 50% recovery in 5' - 10' sleeve.	0.0 - 54.9
0' - 8.0'	0.0 ppmV	
8.5'	14.1 ppmV	
9.0'	12.5 ppmV	
9.5' - 14.0'	0.0 ppmV	
14.5' - 20'	Moist, orange to dark orange, friable, very fine grain, sandy silt. Saturated at 17.5' with odor. Slight sheen present on water surface.	54.9 ppmV
15.0'	96.4 ppmV	
16.5'	131 ppmV	
17.0'	20.8 ppmV	
17.5'	0.0 ppmV	
18.0'	3.6 ppmV	
18.5' - 20.0'	0.0 ppmV	
20 - 25'	Expansible point and casing driven down to 25' to keep boring open for groundwater sample. This interval was not logged.	131 - 0.0
SOIL SAMPLE at 17.5', unsaturated, 0.0 ppmV 10:50		
GROUNDWATER SAMPLE (SB-3 GW) procured at 13:45 - cloudy with slight odor.		
		NR

## SB-4

0 - 1'	Asphalt followed by gravel.								0.0
1' - 5'	Slightly moist, dark brown clay. Becomes light brown in color at 2.75' and grey in color at 4.75'.								0.0
5' - 9'	Slightly moist, grey and dark brown, mottled, friable clay with some silt and very fine grain sand.	8.0'	134 ppmV	7.0'	104 ppmV	8.0'	52 ppmV		0.0 - 208
		5.0'	0.0 ppmV			8.5'	91.6 ppmV		
		5.5'	122 ppmV	6.5'	110 ppmV	7.5'	160 ppmV	9.0'	208 ppmV
9' - 10'	Slightly moist, dark brown, hard, silty clay with moderate cohesion and high plasticity.								208 - 160
10' - 13.5'	Slightly moist, brown, sand, silt, and clay with ~ 20% large quartz fragments.	12.0'	240 ppmV	13.0'	189 ppmV	13.5'	130 ppmV		114 - 240
		11.0'	114 ppmV	12.5'	200 ppmV				
13.5' - 20'	Slightly moist to saturated, orange-brown, friable, very fine grain, sandy silt. Some clay present from 13.5' - 14' and at 16'. Strong odor noticed. Very moist with mottling at 17'. Saturated at 19' becoming grey and orange in color. Sheen on water surface.								450 - 19.4
		14.0'	140 ppmV	17.5'	165 ppmV	19.0'	35.4 ppmV		
		14.5'	228 ppmV	18.0'	450 ppmV	19.5'	19.4 ppmV		
		15.0'	73.6 ppmV	18.5'	75 ppmV	20'	87.5 ppmV		
SAMPLE at 19', unsaturated, 35.4 ppmV 11:30									

## SB-5

0 - 2'	Asphalt followed by fill and gravel material.								0.0
2' - 5'	Slightly moist, dark brown, silty clay with moderate plasticity and cohesion. Becomes medium brown in color at 3'.								0.0
5' - 18'	Slightly moist to moist, brown, friable, very silty clay with faint mottling. Large quartz fragments and fill from 9' - 10'.								0.0
	Becomes orange-brown in color at 10'. Very moist from 16' - 18.5'.								
18' - 25'	Moist to saturated, black and orange, silty clay with moderate plasticity and cohesion. Abundant mottling. Fill fragments present at 21.5'. Mottling becomes less abundant at 24'. Saturated at 20.5'.								0.0
SAMPLE at 20.5', unsaturated, 0.0 ppmV 12:00									

## SB-6

0 - 1.5'	Asphalt followed by gravel and fill material.								0.0
1.5' - 6'	Slightly moist, dark brown, silty clay with low cohesion and moderate plasticity. Becomes medium brown in color at 3'.								0.0
6' - 9'	Slightly moist, light brown, clayey silt with no cohesion and no plasticity. Fill and quartz fragments from 7.5' - 8.5'.								0.0
9' - 12.5'	Slightly moist, orange-brown, silty clay with low plasticity and cohesion. Fill fragments present from 12' - 12.5'.								0.0
12.5' - 25'	Slightly moist to saturated, orange-brown, very fine grain, sandy silt. Grey-brown in color from 15' - 18'. Very moist at 18'. Saturated at 20.5' with sheen and odor present at 21' (21.1 ppmV). Mottling from 20' - 23'.								0.0 - 21.0
SAMPLE at 20.5', unsaturated, 0.0 ppmV 12:45									

SB-7

0 - 1.5'	Asphalt followed by gravel and fill material.	
1.5' - 8.5'	Slightly moist, dark brown, silty clay with moderate cohesion and low to moderate plasticity.	0.0
8.5' - 18.75'	Slightly moist, white, brown, variegated sand, quartz fragments, fill, silt, and clay.	0.0
18.75' - 25'	Very moist to saturated, orange-brown, friable, very fine grain, sandy silt with mottling. Mottling becomes abundant and prominent at 23.5' with soil grey in color. Saturated at 21'. No odor nor sheen noted.	0.0
SAMPLE at 20', unsaturated, 0.0 ppmV 13:10		0.0

SB-8

0 - 1.5'	Asphalt followed by gravel and fill material.	
1.5' - 5'	Slightly moist, dark brown, silty clay with high plasticity and cohesion. Turns medium brown in color at 3'.	0.0
5' - 9'	Slightly moist, brown, friable, silt and clay with little to no cohesion and plasticity.	0.0
9' - 12'	Slightly moist, brown, friable, sand and fill.	0.0
12' - 25'	Slightly moist to saturated, dark grey to orange-brown, mottled, very fine grain, sandy silt with some intermittent clay. Moist at 18' and saturated at 21'.	0.0
SAMPLE at 21', unsaturated, 0.0 ppmV 14:00		0.0

Notes:

1. Boring depths measured in feet below grade/inside ground surface.
2. NR = Readings not recorded.
3. ppmV = parts per million by volume

West Whiteland Township Building  
Exton, PA

Location/Analyte	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	PADEP Standard
Sample Depth	22'	19.5'	17.5'	18'	20.5'	20.5'	20'	21'	Unsat
Sample Date	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	Unsat
PID Meter Reading	0.0	0.0	0.0	35.4	0.0	0.0	0.0	0.0	Unsat
Benzene	< 65.5	< 70.1	< 69.4	< 69.5	< 65.0	< 63.5	< 72.9	< 63.1	600
Ethylbenzene	< 65.5	< 70.1	< 69.4	327	< 65.0	< 63.5	< 72.9	< 63.1	70,000
Isopropylbenzene	< 65.5	< 70.1	< 69.4	193	< 65.0	< 63.5	< 72.9	< 63.1	780,000
MTBE	< 65.5	< 70.1	< 69.4	< 69.5	< 65.0	< 63.5	< 72.9	< 63.1	2,000
Naphthalene	< 131	< 140	< 139	1,980	< 130	< 127	< 148	< 126	25,000
Toluene	< 65.5	< 70.1	< 69.4	164	< 65.0	< 63.5	< 72.9	< 63.1	100,000
1,2,4-trimethylbenzene	< 65.5	< 70.1	< 69.4	3,100	< 65.0	125	< 72.9	< 63.1	9,000
1,3,5-trimethylbenzene	< 65.5	< 70.1	< 69.4	1,120	< 65.0	< 63.5	< 72.9	< 63.1	2,800

Table Notes:

1. Results in ug/kg, dry weight basis
2. Concentrations exceeding the PADEP standards are Bolded and Highlighted gray.
3. The applicable standards are published in the appendices to 25 PA Code, Chapter 250, Table 3A and 3B, revised November 24, 2001  
Organic regulated substances in soil; used aquifer; total dissolved solids less than or equal to 2,500 mg/L; residential setting; unsaturated soil; and, soil depths 0-15 feet.
4. For soil samples at depths > 15' the Soil to Groundwater Standard is used; residential setting; used aquifer; TDS < 2,500 mg/L
5. PID meter reading units in ppmV = parts per million, by volume
6. Soil Sample depth in feet below outside grade.
7. "<" values indicate below the laboratory detection limit

**West Whiteland Township Building  
Exton, PA**

<b>Location/Analyte</b>	<b>SB-3 GW</b>	<b>PADEP Groundwater Standards</b>
<b>Sample Date</b>	<b>9/23/2009</b>	
<b>Benzene</b>		<b>5</b>
<b>Ethylbenzene</b>	<b>41.1</b>	<b>700</b>
<b>Isopropylbenzene</b>	<b>11.4</b>	<b>1,100</b>
<b>MTBE</b>	<b>19.7</b>	<b>20</b>
<b>Naphthalene</b>		<b>100</b>
<b>Toluene</b>	<b>21.6</b>	<b>1,000</b>
<b>1,2,4-trimethylbenzene</b>		<b>16</b>
<b>1,3,5-trimethylbenzene</b>		<b>16</b>

**Table Notes:**

1. Results in ug/L.
2. "<" = Less than the Laboratory Detection Limit.
3. Concentrations exceeding the PADEP standards are bolded and highlighted gray.
4. PA Standard = PADEP, 25 PA Code 250.304 & Appendix A, Table 1, Used Aquifers, TDS < 2500, Residential

# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole: SB-1**

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)
0		Asphalt and modified fill material					0
1		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments					1
2		Tan silty clay, stiff to very stiff, medium to high plasticity		50	Dry		2
3							3
4							4
5							5
6		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments		95			6
7						7	
8						8	
9						9	
10					60		10
11							11
12						12	
13						13	
14			SB-1 @ 14	50			14
15							15
16							16
17			SB-1 @ 17	20			17
18							18



Drilling Contractor: Northeast Regional Probing  
 Drilling Method: Direct Push  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL

# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole: SB-2**

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)	
0	Asphalt and modified fill material						0	
1	Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments			50			1	
2	Tan silty clay, stiff to very stiff, medium to high plasticity			100	Dry		2	
3							3	
4								4
5								5
6								6
7			SB-2 @ 8				7	
8				90			8	
9							9	
10							10	
11							11	
12	Tan clayey silt, stiff, medium plasticity, trace of quartz fragments			75	Wet		12	
13							13	
14								14
15			SB-2 @ 15				15	
16							16	
17							17	
18							18	



Drilling Contractor: Northeast Regional Probing  
 Drilling Method: Direct Push  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL

# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole: SB-3**

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)
0		Asphalt and modified fill material				0.00 0.50 1.00 1.50 2.00	0
1		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments					1
2		Tan silty clay, stiff to very stiff, medium to high plasticity		60	Dry		2
3							3
4							4
5							5
6				100			6
7							7
8							8
9							9
10		Tan finegrained sandy clay, dense, with quartz fragments	SB-3 @ 10	100			10
11							11
12							12
13							13
14		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments		100			14
15							15
16			SB-3 @ 15				16
17					Wet		17
18							18



Drilling Contractor: Northeast Regional Probing  
 Drilling Method: Direct Push  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL



# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole: SB-4**

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)		
0		Asphalt and modified fill material				0 100 200 300 400	0		
1		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments		60			1		
2		Tan silty clay, stiff to very stiff, medium to high plasticity			Dry		2		
3							3		
4							4		
5							5		
6				75			6		
7							7		
8		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments			Wet		8		
9							9		
10						90			10
11						SB-4 @ 10			11
12									12
13									13
14				90			14		
15							15		
16							16		
17							17		
18							18		



Drilling Contractor: Northeast Regional Probing  
 Drilling Method: Direct Push  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL

# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole: SB-4A**

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)
0		Asphalt and modified fill material					0
1		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments		60			1
2		Tan silty clay, stiff to very stiff, medium to high plasticity		75	Dry		2
3							3
4							4
5							5
6				90			6
7							7
8		Tan finegrained sandy clay, dense, with quartz fragments		90			8
9							9
10							10
11							11
12							12
13		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments		90			13
14							14
15			SB-4A @ 16				15
16				100			16
17					Wet		17
18							18



Drilling Contractor: Northeast Regional Probing  
 Drilling Method: Direct Push  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL

# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Borehole:** SB-5

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		<p>Tan silty clay, stiff, medium to high plasticity, trace of quartz fragments</p> <p>Medium brown clayey silt, medium plasticity, damp at 3.5', quartz cobbles, refusal at 3.5'</p>	SB-5 @ 3	100	Dry		0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



Drilling Contractor: SSM Group, Inc.  
 Drilling Method: Hand auger  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL

# Soil Boring Log

**Project:** Former West Whiteland Twp Building Site Assessment

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole: SB-6**

Depth (feet bgs)	Lithology	Description	Sample Depth	Recovery (%)	Moisture	PID Readings (ppm)	Depth (feet bgs)
0		Tan silty clay, stiff, medium to high plasticity, trace of quartz fragments			Dry		0
1		Medium brown clayey silt, medium plasticity, damp at 3.5', quartz cobbles, refusal at 4'	SB-6 @ 3	100			1
2					Wet	2	
3						3	
4						4	
5						5	
6						6	
7						7	
8						8	
9						9	
10						10	
11						11	
12						12	
13						13	
14						14	
15						15	
16						16	
17						17	
18						18	



Drilling Contractor: SSM Group, Inc.  
 Drilling Method: Hand auger  
 Drill Date(s): 9/7/2012  
 Hole Size: 2"  
 Field Specialist: ARB/CMM  
 Log Checked By: DBL

**Project:** Former West Whiteland Twp Building Site Assessment  
**Project No.:** 101008.0236  
**Client:** West Whiteland Twp  
**Location:** Former West Whiteland Twp Building  
**Project Manager:** Dan Lewis, P.G.

# Monitoring Well Construction Log

**Borehole:** MW-1

## Monitoring Well Construction

Depth (feet bgs)	Lithology	Description	Elevation	Monitoring Well Construction	General Drilling Comments
0		Asphalt and modified stone fill material	0		8" Flush mount manhole set in concrete pad, locking well cap with lock
2		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments	-2		
4		Tan silty clay, stiff to very stiff, medium to high plasticity	-4		
6			-6		Cement/bentonite slurry (surface to 11')
8			-8		2" diameter, schedule 40, TFS, PVC riser pipe (surface to 15')
10			-10		
12		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments, slightly damp at 19.5'	-12		Bentonite pellets (11' to 13')
14			-14		
16			-16		
18			-18		
20			-20		No. 2 graded quartz sand (13' to 30')
22		Orange-brown very fine grained sandy silt, medium dense, mottled, groundwater @ 23'	-22		2" diameter, schedule 40, TFS, 0.020slot PVC well screen (15' to 30')
24			-24		
26			-26		
28		Tan silty clay, stiff to very stiff, medium to high plasticity, sturated	-28		
30			-30		Well constructed within 6" borehole drilled to 30'



Drilling Contractor: C.S. Garber and Sons, Inc.  
 Drilling Method: Air rotary  
 Drill Date(s): 9/19/12  
 Hole Size: 6"  
 Field Specialist: DBL  
 Log Checked By: DBL

**Project:** Former West Whiteland Twp Building Site Assessment

# Monitoring Well Construction Log

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole:** MW-2

## Monitoring Well Construction

Depth (feet bgs)	Lithology	Description	Elevation	Monitoring Well Construction	General Drilling Comments
0		Asphalt and modified stone fill material	0		8" Flush mount manhole set in concrete pad, locking well cap with lock
2		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments	-2		
4		Tan silty clay, stiff to very stiff, medium to high plasticity	-4		
6			-6		Cement/bentonite slurry (surface to 11')
8			-8		2" diameter, schedule 40, TFS, PVC riser pipe (surface to 15')
10			-10		
12		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments, slightly damp at 18.5'	-12		Bentonite pellets (11' to 13')
14			-14		
16			-16		
18			-18		
20			-20		No. 2 graded quartz sand (13' to 30')
22		Orange-brown very fine grained sandy silt, medium dense, mottled, groundwater @ 21'	-22		2" diameter, schedule 40, TFS, 0.020slot PVC well screen (15' to 30')
24			-24		
26			-26		
28		Tan silty clay, stiff to very stiff, medium to high plasticity, saturated	-28		
30			-30		Well constructed within 6" borehole drilled to 30'



Drilling Contractor: C.S. Garber and Sons, Inc.

Drilling Method: Air rotary

Drill Date(s): 9/19/12

Hole Size: 6"

Field Specialist: DBL

Log Checked By: DBL

**Project:** Former West Whiteland Twp Building Site Assessment

# Monitoring Well Construction Log

**Project No.:** 101008.0236

**Client:** West Whiteland Twp

**Location:** Former West Whiteland Twp Building

**Project Manager:** Dan Lewis, P.G.

**Borehole:** MW-3

## Monitoring Well Construction

Depth (feet bgs)	Lithology	Description	Elevation	Monitoring Well Construction	General Drilling Comments
0		Asphalt and modified stone fill material	0		8" Flush mount manhole set in concrete pad, locking well cap with lock
2		Medium brown silty clay, stiff, medium to high plasticity, trace of quartz fragments	-2		
4			-4		
6			-6		Cement/bentonite slurry (surface to 11')
8		Tan silty clay, stiff to very stiff, medium to high plasticity	-8		2" diameter, schedule 40, TFS, PVC riser pipe (surface to 15')
10			-10		
12			-12		Bentonite pellets (11' to 13')
14		Tan clayey silt, stiff, medium plasticity, trace of quartz fragments, slightly damp at 19.5'	-14		
16			-16		
18			-18		No. 2 graded quartz sand (13' to 30')
20			-20		
22		Orange-brown very fine grained sandy silt, medium dense, mottled, groundwater @ 23'	-22		2" diameter, schedule 40, TFS, 0.020slot PVC well screen (15' to 30')
24			-24		
26			-26		
28		Tan silty clay, stiff to very stiff, medium to high plasticity, saturated	-28		
30			-30		Well constructed within 6" borehole drilled to 30'



Drilling Contractor: C.S. Garber and Sons, Inc.

Drilling Method: Air rotary

Drill Date(s): 9/19/12

Hole Size: 6"

Field Specialist: DBL

Log Checked By: DBL

**Project:** West Whiteland Twp Bldg Monitoring Well Installation  
**Project No.:** 101008.0236  
**Client:** West Whiteland Twp  
**Location:** Former West Whiteland Twp Building  
**Project Manager:** Al Guisepppe, P.G.

# Monitoring Well Construction Log

**Borehole:** MW-4

## Monitoring Well Construction

Depth (feet bgs)	Lithology	Description	Elevation	Monitoring Well Construction	General Drilling Comments
0		Asphalt and modified stone fill material	0		8" Flush mount manhole set in concrete pad, locking well cap with lock
2		Aggregate	-2		
4		Yellow Brown Silt	-4		
6			-6		Cement/bentonite slurry (surface to 11")
8			-8		2" diameter, schedule 40, TFS, PVC riser pipe (surface to 15')
10			-10		
12			-12		Bentonite pellets (11' to 13')
14			-14		
16			-16		
18		Weathered Residual Yellow Silt, Loose to Soft	-18		▼ 17' Trace Moisture (1st Water)
20		17' Trace of Moisture	-20		
22			-22		2" diameter, schedule 40, TFS, 0.020slot PVC well screen (15' to 30')
24			-24		▼ Water level recorded at 20.39 ft toc on 7/23/14
26			-26		
28			-28		
30			-30		No. 2 graded quartz sand (13' to 30') Well constructed within 6" borehole drilled to 31' and capped at 30'
32			-32		
34			-34		
36			-36		
38			-38		
40			-40		



Drilling Contractor: C.S. Garber and Sons, Inc.  
 Drilling Method: Air rotary  
 Drill Date(s): 7/22/14  
 Hole Size: 6"  
 Field Specialist: SRM,AMS  
 Log Checked By: SRM

24 Hour Water Level (ft toc): 20.39



**Project:** West Whiteland Twp Bldg Monitoring Well Installation  
**Project No.:** 101008.0236  
**Client:** West Whiteland Twp  
**Location:** Former West Whiteland Twp Building  
**Project Manager:** Al Guiseppa, P.G.

# Monitoring Well Construction Log

**Borehole: MW-5**

## Monitoring Well Construction

Depth (feet bgs)	Lithology	Description	Elevation	Monitoring Well Construction	General Drilling Comments
0		Asphalt and modified stone fill material	0		8" Flush mount manhole set in concrete pad, locking well cap with lock
2			-2		
4		2A modified fill	-4		
6			-6		Cement/bentonite slurry (surface to 15")
8			-8		2" diameter, schedule 40, TFS, PVC riser pipe (surface to 20')
10		Brown Silt with Aggregate Caving @ 8'	-10		
12			-12		
14		Brown Sandy Silt	-14		
16			-16		Bentonite pellets (15' to 17')
18			-18		No. 2 graded quartz sand (17' to 35')
20			-20		
22			-22		▼ Water level recorded at 23.72 ft toc on 7/23/14
24			-24		
26		Yellow Brown Sandy Silt Caving @ 22'	-26		2" diameter, schedule 40, TFS, 0.020slot PVC well screen (20' to 35')
28			-28		
30			-30		
32			-32		
34			-34		
36			-36		Well constructed within 6" borehole drilled to 37' and capped at 35'
38			-38		
40			-40		



Drilling Contractor: C.S. Garber and Sons, Inc.  
 Drilling Method: Air rotary  
 Drill Date(s): 7/23/14  
 Hole Size: 6"  
 Field Specialist: SRM,AMS  
 Log Checked By: SRM

Water Level (ft toc): 23.72

**Project:** West Whiteland Twp Bldg Monitoring Well Installation  
**Project No.:** 101008.0236  
**Client:** West Whiteland Twp  
**Location:** Former West Whiteland Twp Building  
**Project Manager:** Al Guiseppa, P.G.

# Monitoring Well Construction Log

**Borehole: MW-6**

## Monitoring Well Construction

Depth (feet bgs)	Lithology	Description	Elevation	Monitoring Well Construction	General Drilling Comments
0		Asphalt and modified stone fill material	0		8" Flush mount manhole set in concrete pad, locking well cap with lock
2			-2		
4			-4		
6			-6		Cement/bentonite slurry (surface to 11")
8			-8		2" diameter, schedule 40, TFS, PVC riser pipe (surface to 15')
10			-10		
12		Stone backfill Moisture counted at 17'	-12		Bentonite pellets (11' to 13')
14			-14		
16			-16		
18			-18		▼ Moisture at 17' (1st Water)
20			-20		No. 2 graded quartz sand (13' to 30')
22			-22		▼ Water level recorded at 20.05 ft toc on 7/23/14
24			-24		
26		Yellow Brown Silt	-26		2" diameter, schedule 40, TFS, 0.020slot PVC well screen (15' to 30')
28			-28		
30			-30		Well constructed within 6" borehole drilled to 32' and capped at 30'
32			-32		
34			-34		
36			-36		
38			-38		
40			-40		



Drilling Contractor: C.S. Garber and Sons, Inc.  
 Drilling Method: Air rotary  
 Drill Date(s): 7/22/14  
 Hole Size: 6"  
 Field Specialist: SRM,AMS  
 Log Checked By: SRM

24 Hour Water Level (ft toc):20.05



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

April 10, 2015

Ms. Mimi Gleason  
West Whiteland Township  
101 Commerce Drive  
Exton, PA 19341

Re: Statewide Health Standard Final Report Approval  
West Whiteland Township Building  
eFACTS PF No. 758322  
222 North Pottstown Pike  
West Whiteland Township  
Chester County

Dear Ms. Gleason:

The Department of Environmental Protection (DEP) reviewed the document titled "Final Report" (report), for the property located at 222 North Pottstown Pike, West Whiteland Township, Chester County. The report was prepared by SSM Group, Inc. and submitted to DEP in accordance with the Land Recycling and Environmental Remediation Standards Act (Act 2) and constitutes a Final Report as defined in Chapter 3 of Act 2.

The department hereby approves this Final Report for the substances identified and remediated to an Act 2 standard within the site specified. Chapter 5, Section 501 of Act 2, provides the liability protection where attainment of Act 2 cleanup standards is demonstrated. The cleanup liability protection provided by this chapter applies to the current and future owner or any other person who participated in the remediation; a person who develops or occupies the property; successor or assign of any person to whom liability protection applies; and a public utility to the extent the public utility performs activities on the identified property.

This project attained a nonresidential standard for soil and groundwater.

Thank you for your cooperation in working with the department in the remediation of this site. If you have any questions or need further information regarding this matter, please contact Richard M. Staron at 484.250.5780.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483.

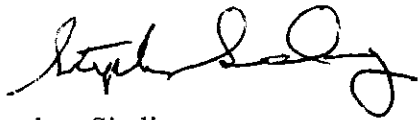
April 10, 2015

TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

If you want to challenge this action, your appeal must reach the Board within 30 days. You do not need a lawyer to file an appeal with the Board.

Important legal rights are at stake, however, so you should show this document to a lawyer at once. If you cannot afford a lawyer, you may qualify for free pro bono representation. Call the secretary to the Board (717.787.3483) for more information.

Sincerely,



Stephan Sinding  
Regional Manager  
Environmental Cleanup and Brownfields

cc: Mr. Grindrod, SSM  
Ms. Warren  
Ms. Bass  
Chester County Health Department  
Chester County Conservation District  
Mr. Payne  
Mr. Staron  
Re 30 (rw15ecb)100.4



**MEMO**

**TO** Stephan Sinding, ECB Program Manager

**FROM** Richard Staron, Licensed Professional Geologist

**THROUGH** Walter Payne, Licensed Professional Geologist Manager

**DATE** April 10, 2015

**RE** ECB: Land Recycling Program  
Act 2 Technical Memo Summary  
West Whiteland Township Building  
Statewide Health Standard Final Report  
Efacts PF No. 758322  
222 North Pottstown Pike  
West Whiteland Township  
Chester County

**Property Owner Name and Site Address:**

West Whiteland Township owns the property. It is located on the west side of Route 100 from the Exton Square Mall. The surrounding properties are all retail/commercial parcels.

**Act 2 Standard(s) Sought:** Non-Residential Statewide Health Standards in soil and groundwater for the 2008 fuel oil shortlist

**Property Size:** 5.5 acres

**Project Site History:** The site has been used at the offices for the township. The township building used a 1,000-gallon heating oil UST to heat their building. The UST was removed from the ground on December 31, 2008 as part of the decommissioning of the township building. Confirmatory soil revealed that there were impacts to the soils at the site above statewide health standards.

**Site Findings:**

**Soil:** During the December 2008 tank removal contamination was discovered in confirmatory sampling. All five of the samples revealed exceedances of the statewide health standards (SHS) for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene (TMBs). Twelve samples from eight soil borings were installed to characterize the contamination beneath and around the tank. Two of these characterization samples were above SHS for TMBs. The deepest exceedance was at 15 ft bgs. In July 2013, soils were excavated in the contaminated soil source area and to the northeast under the former buildings footprint. Seven biased soil samples were collected from the excavation pit. None of the seven post-excavation soil samples exhibited any exceedances of the statewide health standard.

**Groundwater:** During soil boring activities a grab groundwater sample from SB-3 exhibited exceedances of SHS for benzene and TMBs. Six monitoring wells were installed in and around the source area to delineated groundwater impacts. Six quarterly samples collected between 2012 and 2014 revealed no exceedances of any statewide health standard. A reduced demonstration of attainment from eight quarterly samples to six is approved. Groundwater attains the statewide health standard at this site. None of the compounds of concern have ever been detected in any of the properly constructed monitoring wells.

Soil gas is not a medium of concern at this site.

**Site Cleanup History:** During the December 2008 tank removal, 57 tons of impacted soil were removed from the site. After characterizing the extent of contamination, soils were excavated to 17 feet below ground surface in the area of contamination in 2013. An additional 294 tons of soil were removed from the site in September 2013 after the second excavation. No other remediations were reported at this site during this time.

**NIR Received Date:** November 8, 2012

**RI Approval Date:** Not Applicable

**Cleanup Plan Approval Date:** Not Applicable

**Discussion of Cleanup Involved and Demonstration of Attainment:** The site attains nonresidential statewide health standards for benzene, cumene, ethylbenzene, MTBE, naphthalene, toluene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene in soil and groundwater.

**DEP Final Action Approval/Disapproval Letter:** The February 2015 Final report is recommended for approval.

<b>DEP Contact:</b>	Richard M. Staron	<b>Phone:</b>	484.250.5780
<b>Site Contact:</b>	Mimi Gleason	<b>Phone:</b>	610.363.9525
<b>Site Consultant:</b>	Eric Grindrod	<b>Phone:</b>	610.621.2000

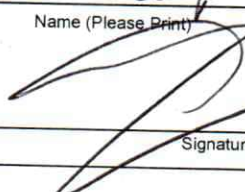
(WP)

FORM



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

**ABOVEGROUND STORAGE TANK INTEGRITY INSPECTION SUMMARY**

<p><b>I. Type of Inspection</b></p> <p><input checked="" type="checkbox"/> In-service</p> <p><input type="checkbox"/> Out-of-service</p>	<p><b>II. Inspection Date(s)</b></p> <p>Completion of this inspection <u>01/10/2018</u></p> <p>Last in-service inspection <u>01/10/2008</u></p> <p>Last out-of-service inspection _____</p>	<p><b>FOR DEP USE ONLY</b></p> <p>Reviewer _____</p> <p>Date _____</p> <p>Entered By _____</p> <p>Date _____</p>
<p><b>III. Facility Information</b></p> <p>Facility I.D. Number <u>15-42864</u></p> <p>Facility Name <u>West Whiteland Twp</u></p> <p>Facility Address <u>222 N. Pottstown Pike</u> <u>Exton, PA 19341</u></p> <p>Municipality <u>West Whiteland Twp</u></p>	<p><b>IV. Inspector Information</b></p> <p>Name <u>Alfred Blasko</u></p> <p>Certification number <u>5386</u></p> <p>Phone <u>570-815-8771</u></p> <p>Employer <u>Blasko Tank Insp Inc.</u></p> <p>Employer certification number <u>1842</u></p>	
<p><b>V. Tank Identification</b></p> <p>Owner's Tank DEP Tank ID number <u>001</u> A ID Number <u>1</u></p> <p>Nominal Capacity (gallons) <u>6000</u></p> <p>Size: diameter <u>7.7</u> (ft) length/height <u>19</u> (ft)</p> <p>Substance stored <u>Gasoline</u></p> <p>Original construction code <u>UL 2085</u></p>	<p><b>VI. Fire/Safety Permit</b></p> <p>Number <u>Unknown</u></p> <p>Issuing Authority _____</p> <p>Date Issued _____</p> <p><input checked="" type="checkbox"/> Horizontal Saddle Tank      <input checked="" type="checkbox"/> Shop Built</p> <p><input type="checkbox"/> Vertical Tank                              <input type="checkbox"/> Field Built</p> <p><input type="checkbox"/> Elevated Vertical Tank</p>	
<p><b>VII. Certified Inspector</b></p> <p>I, the DEP Certified Inspector, have inspected the entire above referenced tank system. Based on my observation of the tank system, review of examination and tests results and information provided by the owner, I certify under penalty of law as provided in 18 Pa. C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided by me is true, accurate, and complete to the best of my knowledge and belief. I also certify that this tank system <input checked="" type="checkbox"/> <b>can</b> <input type="checkbox"/> <b>cannot</b> remain in service or be returned to service without additional evaluation or modification.</p> <p>_____ Certified Inspector's Signature _____ Date _____</p>		
<p><b>VIII. Owner or Owner's Representative</b> I have reviewed the completed inspection report. I certify under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), the information provided by me is true, accurate, and complete to the best of my knowledge and belief.</p> <p><u>Edward J. Colp Jr</u> Name (Please Print) <u>Asst Public Works Director</u> Title <u>610-367-9525</u> Phone Number <u>EXT 2152</u></p> <p> Signature _____ Date <u>1/23/18</u></p>		

Facility ID 15 — 42864

DEP Tank ID 001 A

Inspection Date 01/10/2018

**IX. Evaluation of Tank System** Indicate the condition of the following components by marking the appropriate columns. If unsatisfactory explain deficiency in comment section.

<u>System component</u>	<u>Unsatisfactory</u>		
	<u>Satisfactory</u>	<u>Tank Cannot be Returned to Service</u>	<u>Not Applicable</u>
Foundation and tank supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Tank shell	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Tank roof	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Tank bottom/floor	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Internal linings & coating, if installed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Method(s) used for nondestructive examination(s) <u>Visual, Hand Tools</u>			

	<u>Satisfactory</u>	<u>Unsatisfactory</u>	<u>Tank Cannot be returned to service</u>	<u>Not Applicable</u>
External deterioration protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Appurtenances	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ancillary equipment (including piping)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cathodic protection system, if installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**X. Calculated Information**

1. Corrosion/deterioration rate: Tank Shell N/A (in/yr) 3. Service life based on corrosion rate:  
 Tank Bottom N/A (in/yr) Tank \_\_\_\_\_ (years)  
 Piping N/A (in/yr) Piping \_\_\_\_\_ (years)
- Which method did you use to calculate the tank bottom service life?:  API-653  Corrosion Rate
- What was the retirement thickness for the calculation? (T-min or other endpoint) \_\_\_\_\_
2. Next inspection scheduled by:  
 In-service 1/10/2028 (mm/dd/yy)  Next Inspection Dates to be Determined after  
 Out-of-service \_\_\_\_\_ (mm/dd/yy) Repairs and before tank is returned to service

**XI. Observations**

1. Contamination observed/suspected:  No  Yes, Department notification form submitted on \_\_\_\_\_
2. Does the tank have any perforations?  No  Yes
3. Is the tank system appropriately labeled?  Yes  No

**XII. Record Review**

1. Written operations and maintenance plan available on site:  Yes  No
2. Spill Prevention Response Plan is current and available on site:  Yes  No  Not required
3. Owner/Operator monthly maintenance inspection record is available for the past twelve months:  Yes  No
4. Is this tank internally lined?  Yes  No  No record available
5. Is a leak test required at the time of this inspection?  Yes  No
- If so, did the test indicate a possible leak?  Yes  No What method was used? \_\_\_\_\_



Facility ID 15 — 42864

DEP Tank ID 001 A

Inspection Date 01/10/2018

**XIII. Tank Information**

(1) Tank Construction

- A Single wall steel
- D Double wall steel
- E Single wall fiberglass
- F Double wall fiberglass
- R Single wall molded plastic
- S Single wall stainless steel
- 99 Other concrete encased steel tank

(3) Aboveground Piping Construction

- A Steel
- D Fiberglass
- F PVC or Plastic
- L Stainless Steel
- 99 Other \_\_\_\_\_

(5) Pipe Release Detection Method

- G Visual inspection
- H None
- 99 Other \_\_\_\_\_

(7) Overfill Prevention

- Y Yes
- N No

(10) Tank Cathodic Protection

- B Galvanic
- C Impressed current
- N None

(16) Emergency Containment

- Meets permeability requirement
- Verified by a Registered Professional Engineer
- Containment present but does not meet requirements
- No containment structure
- Outer wall of a double walled tank

(17) Secondary Containment

- Impermeable layer: Concrete
- Space for release detection: Interstitial Monitoring
- N None

(24) Normal Vent / Emergency Vent

- S Satisfactory
- U Unsatisfactory

**XIV. Double Walled Tanks** If this is a double walled tank that relies solely on the outer wall for containment, please answer the following questions.

Is there spill prevention (Spill Bucket/Containment Box)?  Yes  No

Are there block valves on all product lines?  Yes  No

Is there a solenoid valve or antisiphon device?  Yes  No  Not applicable

**XV. Comments** Describe any tank system deficiencies and note additional information discovered during the inspection. If additional comment sheets are needed, label each sheet with facility and tank identification numbers, inspection date and page number.

No compliance deficiencies were observed during this in-service inspection.

**WEST WHITELAND TOWNSHIP  
EXTON, PENNSYLVANIA**

**PA DEP FACILITY I.D. NUMBER: 15-42864**

**IN-SERVICE INSPECTION**

**TANK 1 (001A)**

An In-Service Inspection was performed on Tank 1 (PA DEP Registration Number: 001A) located at West Whiteland Township in Exton, Pennsylvania, on January 10, 2018. This tank was originally built to the UL Standard 2085. This inspection met or exceeded the minimum requirements set by the Steel Tank Institute Standard SP001-5 for the Inspection of Aboveground Storage Tanks and PA DEP Title 25, Chapter 245. Following is a detailed report of the inspection including findings and recommendations.

**Configuration:** Horizontal

**Product:** Gasoline

**Installed:** 1998

**Capacity:** 6,000 gallons

**Foundation:** Concrete

**Height:** 7.6 feet

**Containment:** Concrete

**Width:** 7.7 feet

**Tank Manufacturer:** Hoover Containment

**Length:** 19.4 feet



Inspected By: Alfred Blasko  
STI Certification Number: AC-14208  
PA Certification Number: 5386

Detect Tank Services, LLC  
15 Ledgeview Lane  
Nicholson, PA 18446

The information contained within this report is based on a thorough general inspection of the entire structure, including all appurtenances, as well as piping to and from the tank up to, yet exclusive of, the nearest valve. The methods used to acquire the information, as well as compile and analyze the data in this report, are the most current and widely accepted methods in the industry. This report and all of its contents are in no way a guarantee of the integrity of the structure, nor does it ensure that the tank will not leak or completely fail. Detect Tank Services, LLC accepts no responsibility or liability, under any circumstances, for the failure of this tank or any ensuing environmental clean-up. The recommendations included in this report are merely guidelines for attaining the highest level of spill prevention and facility safety. Repairs above and beyond those suggested here may be necessary upon commencement of recommended repairs and further inspection. Any professional opinion indicating time for the suitable storage of the product in this tank is an estimate of the maximum allowable time span before re-inspection is required. This estimate is the best judgment of a certified tank inspector; however, it does not guarantee that the tank will not leak during the allotted time.

## **IN-SERVICE INSPECTION RESULTS**

The following results were summarized from a field checklist modeled after Annex C of the API Standard 653 Inspection Code for Aboveground Storage Tanks.

### **CONTAINMENT AREA**

The tank was encased in concrete by design, which provided self-containment.

The tank had interstitial monitoring. There was no liquid in the interstitial area at the time of inspection.

### **FOUNDATION**

The tank was supported by a concrete pad.

### **TANK**

The concrete exterior had no signs of cracking or erosion.

### **APPURTENANCES**

The nozzles were clean and dry with no indications of seepage.

The coating on the nozzles was in satisfactory condition.

The high level alarm and high level shut-off were in satisfactory condition.

The normal and emergency ventilation were in satisfactory condition.

The tank had interstitial emergency ventilation.

The radar-type automatic tank gauge was in satisfactory condition.

The handrails and ladder were in satisfactory condition.

**COMPLIANCE DEFICIENCIES**

None

**COMPLIANCE RECOMMENDATIONS**

None

**RESULTS**

It is the professional opinion of this inspector that the tank is fit for continued service until the next inspection.

**NEXT INSPECTION**

The next API 653 in-service inspection should be performed within ten years from the date of this inspection.

**APPENDIX A**

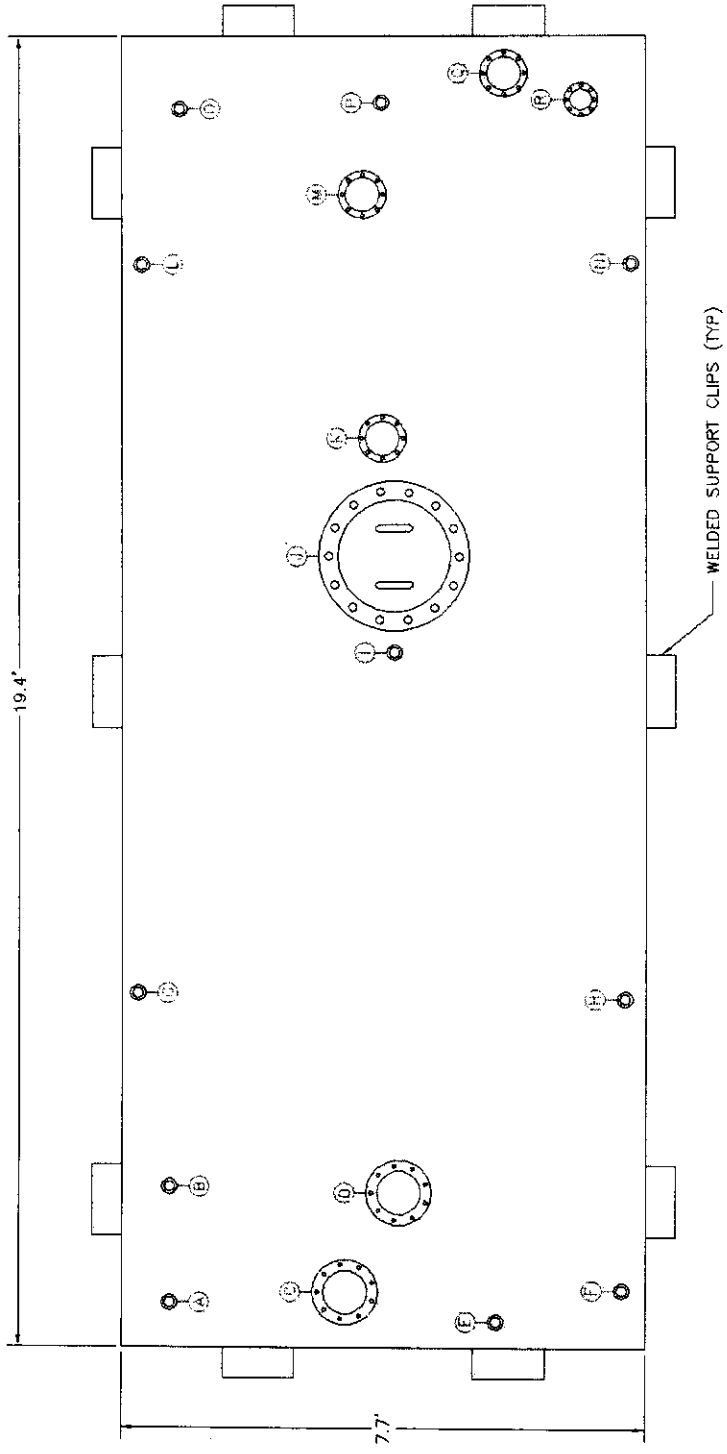
**Drawings**

Tank Layout

# TANK LAYOUT

TANK# 1 (001A)

NOTES:  
 1) TOP VIEW SHOWN  
 2) TANK WAS ENCASED IN CONCRETE



SIZE	ITEM	SIZE	ITEM
A	2" SUCTION CAP	J	20" MAINWAY PLUG
B	8" EMERGENCY VENT	K	6" PLUG
C	8" EMERGENCY VENT	L	2" PLUG
D	8" EMERGENCY VENT	M	6" PLUG
E	2" INTERSTITIAL ALARM	N	2" PLUG
F	2" VENT	O	2" CAP
G	2" PLUG	P	2" HATCH
H	2" PLUG	Q	6" PLUG
I	2" VENT	R	4" FILL

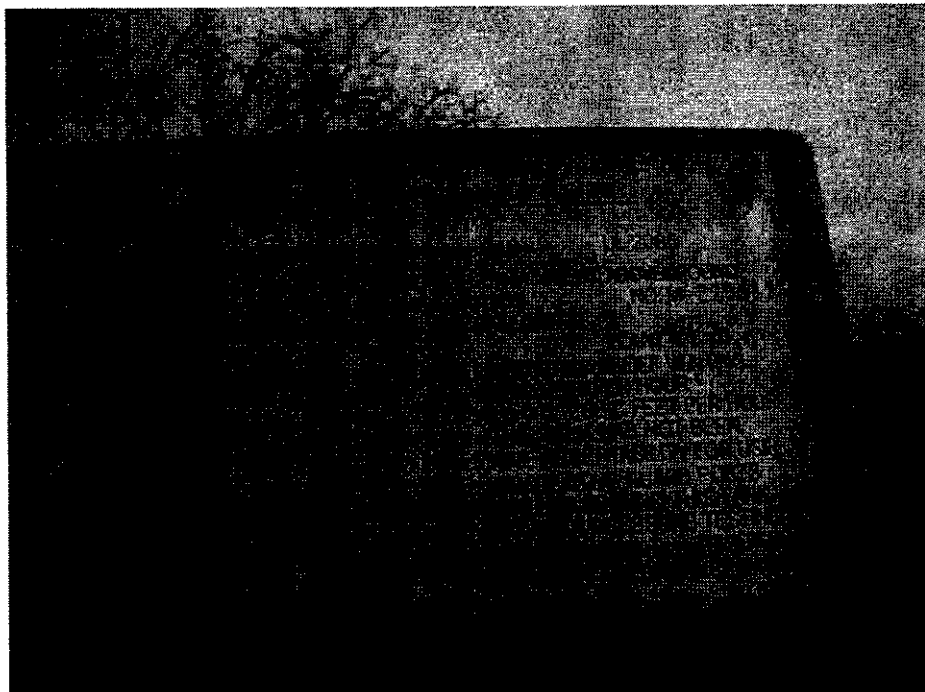
DETECT TANK SERVICES LLC	
800-577-8279	WEST WHITELAND TOWNSHIP
DATE: 01/10/2018	EXTON, PENNSYLVANIA
SCALE: NIS	CASOLINE
DT18-LC017	CARBON STEEL CONSTRUCTION
TANK# 1 (001A)	TANK LAYOUT - 2018
SHEET: 1 OF 1	

**APPENDIX B**

**Photographs**



**Tank 1 (001A)**

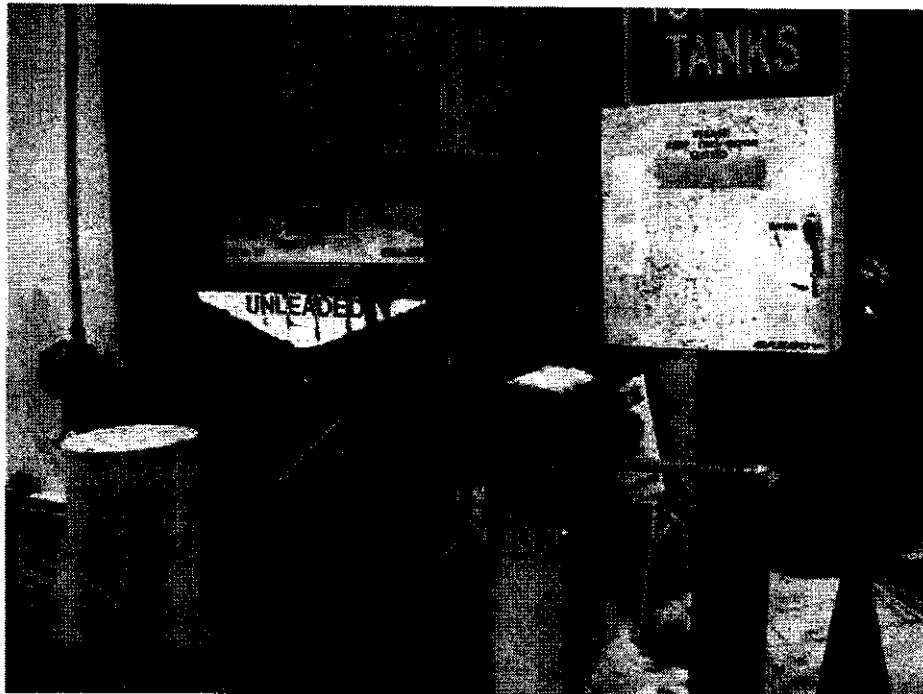


**Data Plate**

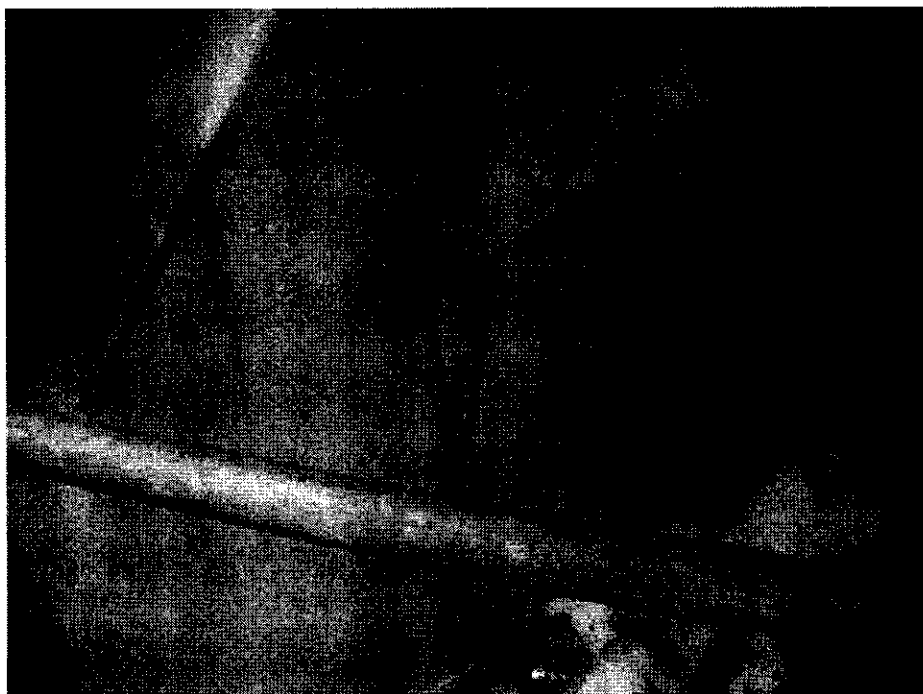




**Stairway and Labeling**



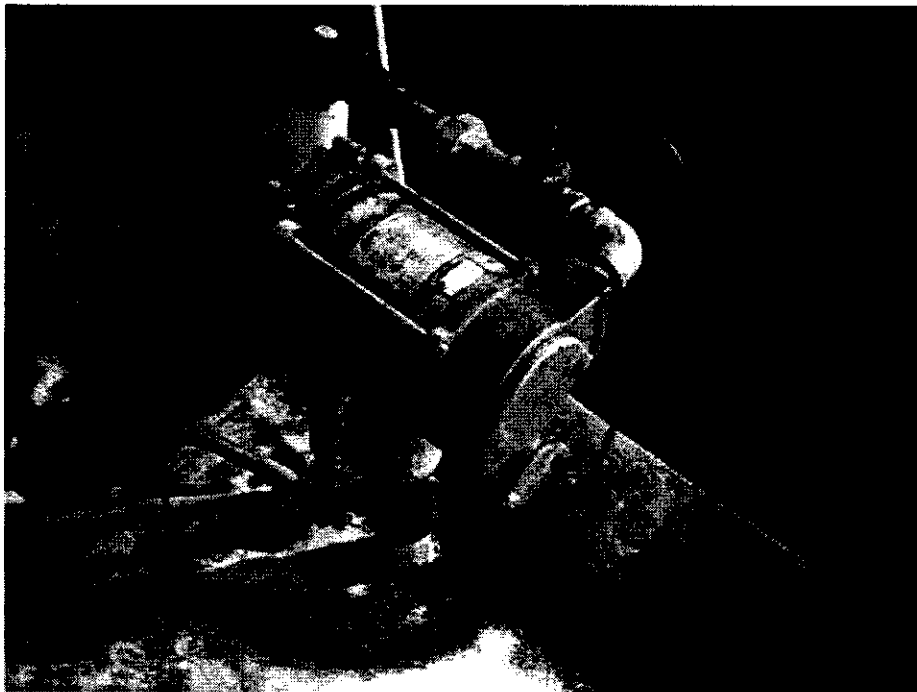
**Pump**



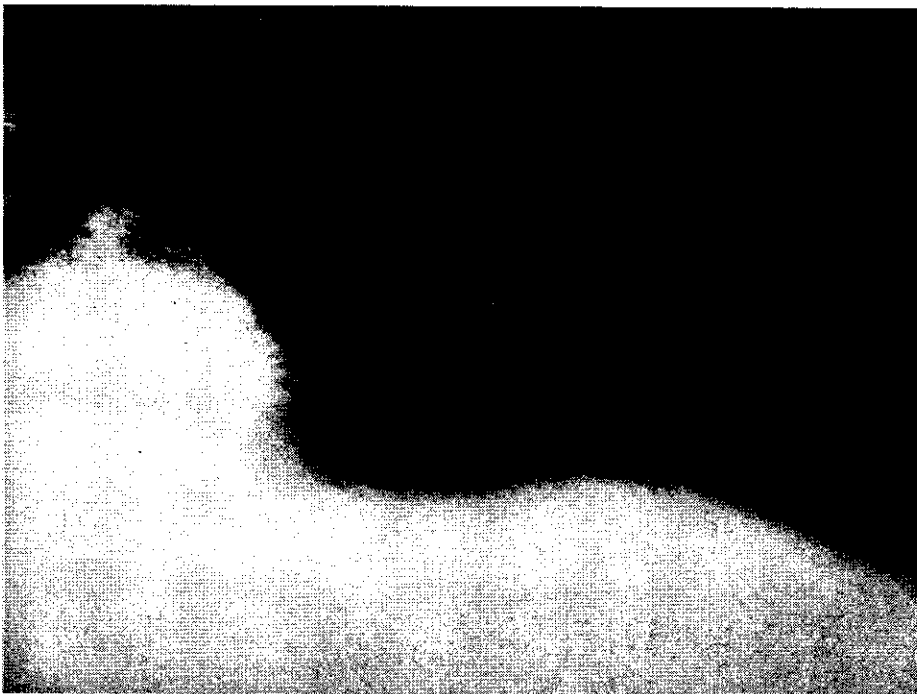
**Ground**



**Concrete Pad**



**Suction**



**Cap**



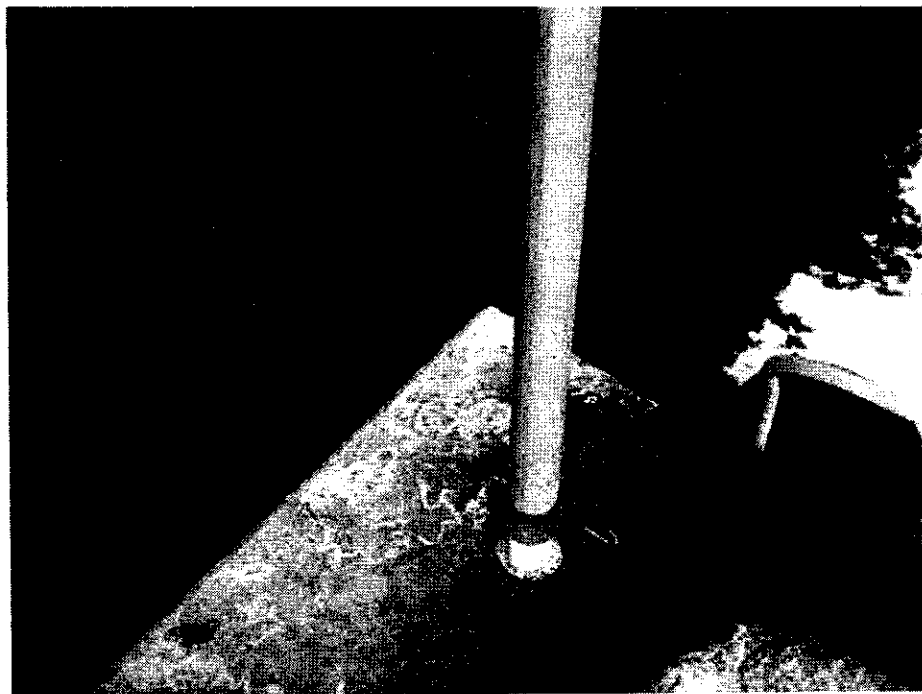
**Interstitial Emergency Vent**



**Vent**



**Interstitial Monitoring**



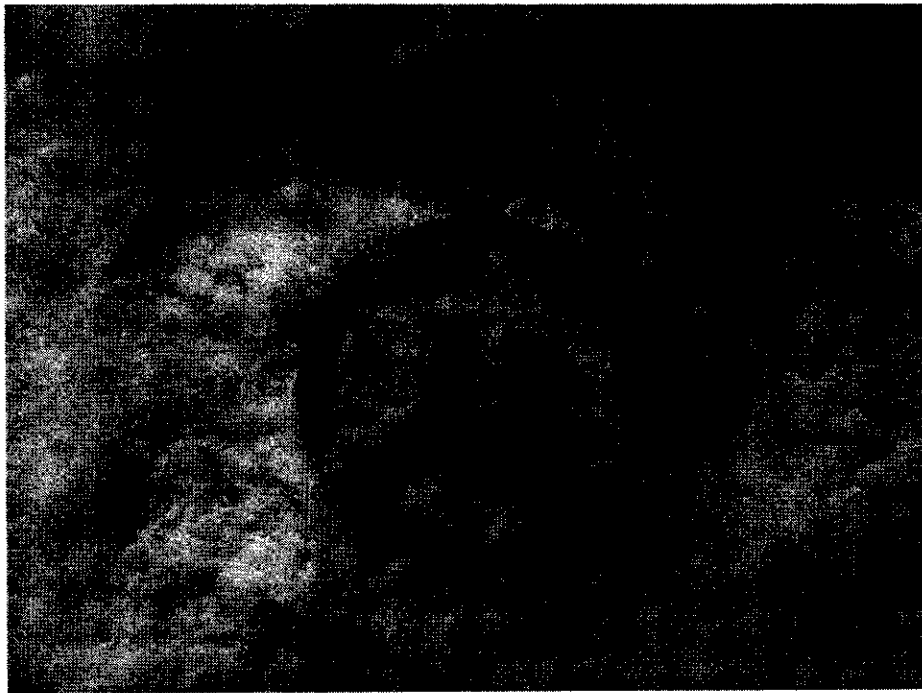
**Vent**



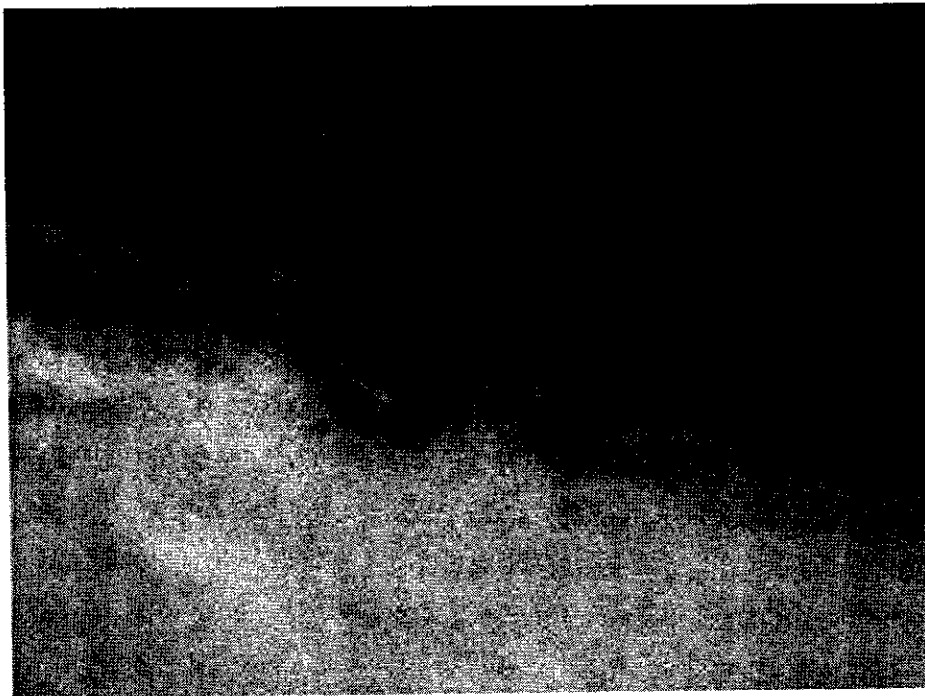
**Plug**



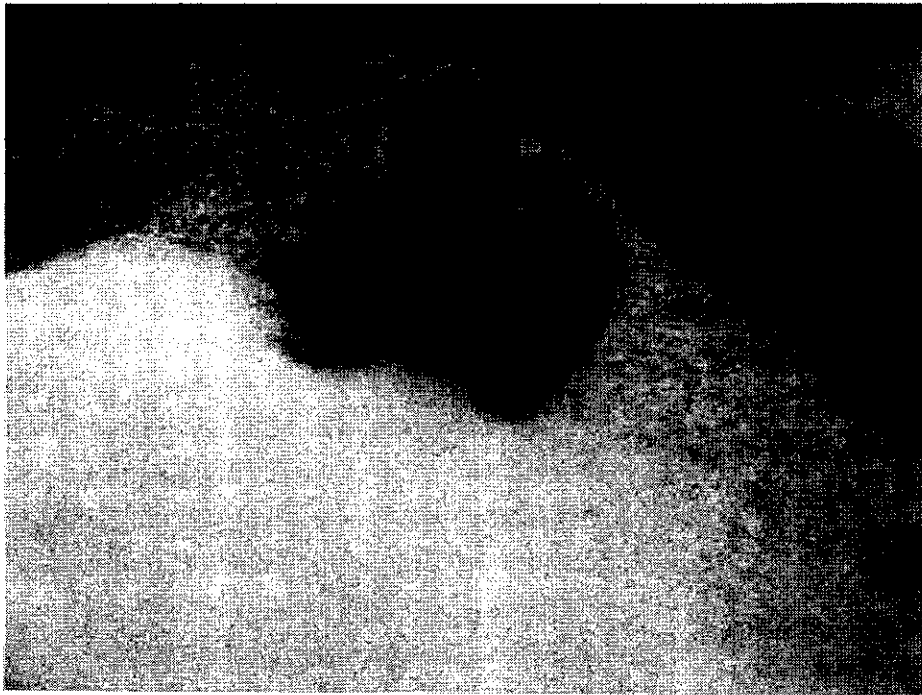
**Plug**



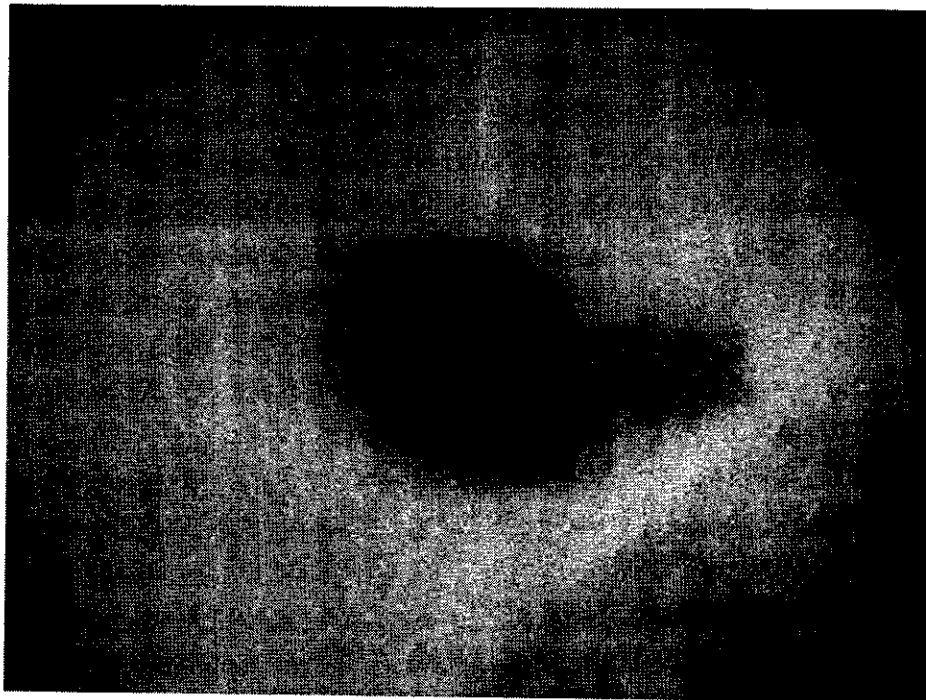
**Plug**



**Plug**

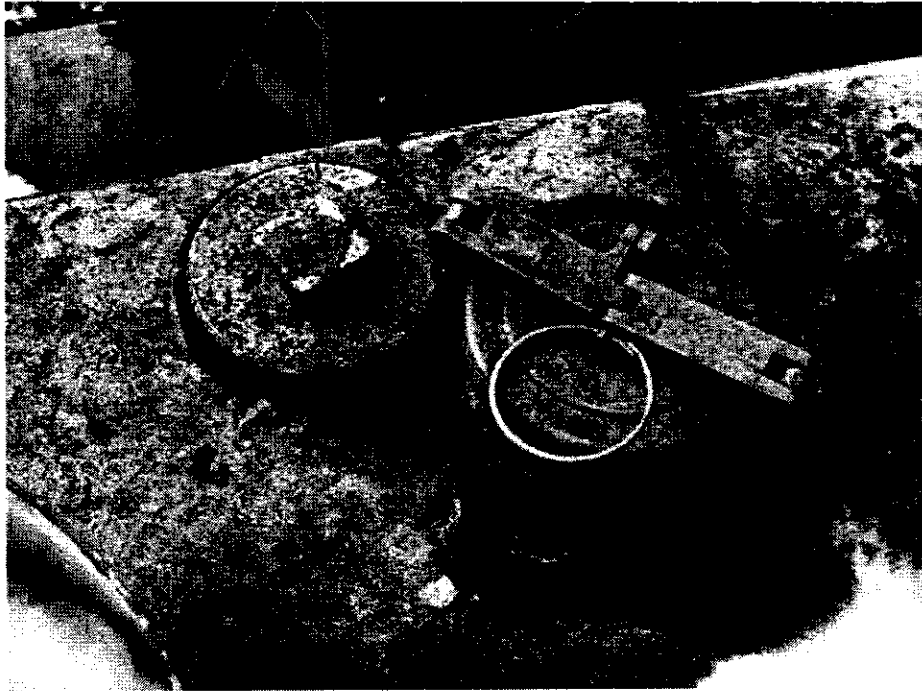


**Vent**



**Fill**





**Gauge Hatch**


**APPENDIX C**  
**Inspector Certifications**



3830-FM-WC0042 Rev. 8/2005

**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS  
DIVISION OF STORAGE TANKS  
P.O. BOX 8783  
HARRISBURG, PENNSYLVANIA 17105-8783

 **pennsylvania**

THIS CERTIFICATION AUTHORIZES THE BELOW NAMED INDIVIDUAL TO CONDUCT TANK HANDLING OR INSPECTION ACTIVITIES PURSUANT TO THE STORAGE TANK AND SPILL PREVENTION ACT, AND DEPARTMENT REGULATIONS AT TITLE 25 PA CODE CHAPTER 245 IN THE SPECIFIC CATEGORIES SHOWN.

CATEGORIES	ISSUE DATE(S)	EXPIRATION DATE(S)
IAP IAM *****	09/22/2009	09/22/2018
*****	*****	*****
*****	*****	*****
*****	*****	*****
*****	*****	*****
*****	*****	*****

*Anna Toth*  
Anna Toth, Chief  
Certification Unit

ISSUED TO **ALFRED S BLASKO JR**  
DEP CLIENT ID NUMBER **247678**  
CERTIFICATION NUMBER **5386**



**Appendix F**  
**Geophysical Report**



3 Mystic Lane  
Malvern, PA 19355  
(610) 722-5500 (ph.)  
(610) 722-0250 (fax)

February 28, 2024  
AGS Ref#: 24-139-1

Mr. Steven Huxta, P.G.  
Huxta Environmental  
461 Merlin Road  
Phoenixville, PA 19460

Subject: Geophysical Investigation Report  
222 North Pottstown Pike  
Exton, Pennsylvania

Dear Mr. Huxta,

Advanced Geological Services (AGS) presents this letter report to Huxta Environmental detailing the methods and results of the geophysical investigation conducted at the above referenced site and the geophysical investigation was completed February 15, 2024.

The objectives of the geophysical investigation were to delineate a potential sanitary leach field, and to clear seven proposed drilling locations of underground utilities and other potential drilling hazards. To achieve the investigation objectives AGS utilized a combination of the ground penetrating radar (GPR) method, the handheld electromagnetic metal detection (MD) method, and the radio-frequency (RF) utility detection method.

### ***Methods***

#### ***Ground Penetrating Radar (GPR) Method***

The ground penetrating radar (GPR) method was used to search for and delineate potential USTs, underground utilities, and other potential targets of interest. The GPR method is based upon the transmission of repetitive, radio frequency electromagnetic (EM) pulses into the subsurface. When the transmitted energy of the down-going wave contacts an interface of dissimilar electrical character, part of the energy is returned to the surface in the form of a reflected signal. This reflected signal is detected by a receiving transducer and is displayed on the screen of the GPR unit as well as being recorded on the internal hard-drive. The received GPR response remains constant as long as the electrical contrast between media is present and constant. Lateral or vertical changes in the electrical properties of the subsurface result in equivalent changes in the GPR responses. The system records a continuous image of the subsurface by plotting two-way travel time of the reflected EM pulse versus distance traveled along the ground surface. Two-way travel time values are then converted to depth using known soil velocity functions.

A Geophysical Survey Systems, Inc. SIR 3000 GPR system and a 400 megahertz (MHz) antenna were used with a recording window of 60 nanoseconds (ns) to provide the required depth penetration and subsurface detail. The GPR field procedures involved (1) instrument calibration, (2) test run completion, (3) production profile collection and recording. GPR data were collected in an approximate grid pattern with a data density sufficient to identify potential USTs, underground utilities, and other targets of interest within the designated survey areas. GPR data were reviewed in real time for potential targets of interest.

#### *Hand Held Metal Detection (MD) Method*

The investigation areas were scanned using a hand held metal detection (MD) instrument. This method uses the principle of electromagnetic induction to detect shallow buried metal objects such as USTs, metal utility conduits and pipes, manhole covers, and various metallic debris. This is done by carrying a hand-held radio transmitter-receiver unit above the ground and continuously scanning the surface. A primary coil broadcasts a radio signal from a transmitter. This primary radio signal induces secondary electrical currents in metal objects. These secondary currents in turn produce a magnetic field which is detected by the receiver. The MD instrument used for this investigation was a Fisher TW-6 pipe and cable locator. This instrument is expressly designed to detect metallic pipes, cables, USTs, manhole covers, and other buried metallic objects. The instrument produces an audible response and significant meter deflections when near a metal object. The peak instrument response occurs when the unit is directly over the object. The MD method does not allow for data recording and was operated in search mode to identify potential metal targets.

#### *Radio Frequency (RF) Utility Locating Method*

A Radiodetection RD7000 utility locating instrument was used to search for utilities within the designated survey areas. This instrument consists of a receiver/tracer and a remote transmitter which operates at multiple radio-frequencies (RF) ranging from 8 kHz to 65 kHz. The receiver unit detects a transmitted RF signal, as well as standard 60 Hz electrical power lines and broad-band RF signals when operated in passive detection modes. This utility tracing instrument is an analog device which provides visual and audible feedback to the operator when a utility coupled with the transmitted signal is crossed. The transmitter produces a radio-frequency signal in the utility to be traced by either induction coupling or direct hook-up. The receiver output varies an audible pitch depending upon how far the utility is from the receiver. By carefully adjusting the gain of the receiver it is possible to determine the location of the utility and to separate it from adjacent utilities. The RF instrument is also capable of providing a depth estimate to the utility being traced based on the vertical gradient of the received RF signal strength. Passive utility detection scanning techniques, and direct connection techniques were used during this investigation.

## **Results and Discussion**

AGS utilized a combination of geophysical methods to achieve investigation objectives. During the investigation AGS identified a sanitary cesspool east of the building. AGS did not identify discharge piping or a sanitary leech field associated with the cesspool. Additionally, seven proposed drilling locations were cleared of underground utilities and other identifiable drilling hazards. The locations of identified targets of interest, underground utilities and cleared drilling locations are presented on Figure 1.

A sanitary manhole is located east of the building at 222 North Pottstown Pike (Figure 1), and a sanitary cesspool was observed at the beginning of the investigation. AGS collected numerous GPR profiles as a grid around the cesspool, and a sanitary drain line was identified running from the building to the cesspool. GPR data collected across the survey area were free of responses associated with sanitary leach fields, and AGS did not identify any potential discharge piping exiting the cesspool. Several responses associated with underground utilities were noted in the GPR data collected in the area. The cesspool is approximately 10 feet square and centered below the manhole.

AGS cleared seven proposed drilling locations of underground utilities and other potential drilling hazards. The proposed drilling locations were cleared using the GPR, RF, and MD methods. The seven proposed drilling locations are located across the site. In addition to the sanitary drain line and cesspool, AGS identified and marked out electric lines, water utilities, natural gas utilities, a telecommunications utility, and a utility of unknown type (Figure 1).

Underground utilities identified in the area of the proposed drilling locations were marked using spray paint in accordance with the American Public Workers Association uniform color code. If an initially proposed drilling location was deemed to be too close to an identified utility, for safety, the location was relocated at the discretion of the field representative. Final cleared drilling location were marked onsite with spray paint (Figure 1).

## **Summary and Closing**

In summary, AGS identified a sanitary cesspool, and no discharge piping or leach field were identified during the investigation. AGS cleared seven drilling locations of underground utilities and drilling hazards. The results of the geophysical investigation were discussed with the Huxta Environmental representative at the completion of field work.

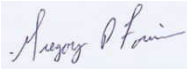
The data collection and interpretation methods used in this investigation are consistent with standard practices applied to similar geophysical investigations. The correlation of geophysical responses with probable subsurface features is based on past results of similar surveys, although it is possible that some variation could exist at this site. Due to the nature of geophysical data, no guarantees can be made or implied regarding the presence or absence of

Mr. Steven Huxta, P.G.  
February 28, 2024  
24-139-1  
Page 4

additional USTs, utilities, buried structures, or targets beyond those identified. All coordinates were determined using a GIS quality GPS instrument with up to sub-meter accuracy. Coordinates and feature locations were not determined by a licensed surveyor and should be considered approximate.

If you have any questions, please contact me by phone 610-722-5500 or via email. It was a pleasure working with you on this project, and we look forward to conducting geophysical investigations for you in the future.

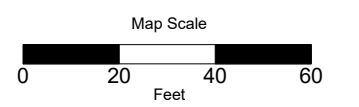
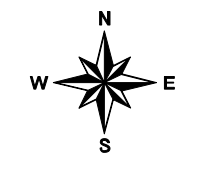
Sincerely,

A handwritten signature in cursive script, appearing to read "Gregory D. Fournier", is written in black ink on a light blue rectangular background.

Greg Fournier  
*Project Geophysicist*

Attachment: Figure 1






**Map Legend**

- Natural Gas Utility
- Electric Line
- Water Utility
- Utility of Unknown Type
- TeleComm Utility
- Sanitary Cesspool, No Discharge Piping or Leach Field Identified
- Cleared Drilling Location

**NOTES:**

- 1) Base orthophotograph from PA Imagery Navigator (maps.psiee.psu.edu). High resolution orthophotograph from file 27002560PAS\_PEMA\_2018.zip acquired during Spring 2018.
- 2) GPR data was collected as a grid pattern across the site to identify USTs and other identifiable targets of interest. A GSSI SIR3000 with a 400MHz antenna was used for this investigation. A Radio Detection RD 7000 transmitter and receiver was utilized to identify potential underground utilities. A Fisher TW-6 handheld metal detector was utilized in search mode for metal targets.
- 3) This work was not completed by a licensed surveyor, and locations should be considered approximate, and for illustrative purposes only. The items shown on this figure may not be all inclusive. AGS does not warrant the fact that additional targets, or buried features may be present which could not be identified by AGS personnel during this investigation.

	Geophysical Investigation Results Showing the Location of Identified Features, Cleared Drilling Locations and Identified Underground Utilities	
	LOCATION: 222 N Pottstown Pike Exton, Pennsylvania	
AGS PROJECT #: 24-139-1	CLIENT: Huxta Environmental	FIGURE
DATE: February 28, 2024	DRAWN BY: GPF	<b>1</b>
ADVANCED GEOLOGICAL SERVICES, INC.		



**Appendix G**  
**Soil Boring and Temporary Well Logs**



# Soil Boring/Temporary Well (SB/TW) 1

222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-1

Date : 2/16/2024  
 Driller : Ferris  
 Drilling Method : Direct Push  
 Logged By : Stephen Huxta, P.G.

Depth (ft)	Soil Type	Description	PID Reading (ppm)	% Recovery	Sample ID	Temporary Well
-0	Silt Loam	Brown silt loam topsoil with some 3/4-inch stone.	△			
-	Silty Clay	Light brown silty clay, slightly moist, no odors or staining	△	85		
-			△			
-			△			
-5			△			
-	Silty Sand	Light brown silty sand with 1/8" to 1" quartz and limestone fragments, slightly moist, no odors or staining	△	75		
-			△			
-			△			
-10			△			
-	Silty Clay Loam	Light brown silty clay loam, slightly moist, no odors or staining	△	90		
-			△			
-15	Silty Clay	Brown silty clay, moist, no odors or staining	△	75		
-			△			
-			△			
-			△			
-			△			
-			△			
-20	Silty Clay	Increased moisture at 19'	△	95	TW-1	
-			△			
-			△			
-	Silty Clay	End of Boring at 25'	△			
-25			△			

Notes:

PID readings collected with MiniRae 3000  
 DTW measured at 18.89' below grade.



## Soil Boring/Temporary Well (SB/TW) 2

222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-1

Date : 2/16/2024  
 Driller : Ferris  
 Drilling Method : Direct Push  
 Logged By : Stephen Huxta, P.G.

Depth (ft)	Soil Type	Description	PID Reading (ppm)	% Recovery	Sample ID	Temporary Well	
-0	Silt Loam	Brown silt loam with some 3/4-inch stone, slightly moist, no odors or staining	△	50	SB-2-11		
-			△				
-			△				
-5	Silty Clay	Light brown and brown silty clay, slightly moist, no odors or staining	△	75			
-			△				
-	Sand	Brown coarse sand, dry, no odors or staining	△	80			
-10			△				
-	Silty Clay	Brown silty clay, slightly moist, no odors or staining	△	95			TW-2
-	Silt	Brown and gray silt with trace clay, slightly moist, no odors or staining	△				
-15			△				
-			△				
-			△				
-20	Silt	Increased moisture at 17 feet	△	100			
-			△				
-			△				
-25		End of boring at 25'	△				

**Notes:**

PID readings collected with MiniRae 3000  
 DTW measured at 16.82' below grade.



# Soil Boring SB-3

222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-1

Date : 2/16/2024  
 Driller : Ferris  
 Drilling Method : Direct Push  
 Logged By : Stephen Huxta, P.G.

Depth (ft)	Soil Type	Description	PID Reading (ppm)	% Recovery	Sample ID
-0	Silt Loam	Dark brown silt loam topsoil, slightly moist	<1	80	SB-3-10
-	Silt Loam	Brown silt loam, slightly moist, no odors or staining	<1		
-	Silt Loam	Brown silty clay, slightly moist, no odors or staining	<1		
-	Silty Clay	Brown silty clay, slightly moist, no odors or staining	<1		
-5			<1		
-			<1		
-	Silty Clay Loam	Brown silty clay loam, with some 1/8" to 1" quartz fragments	<1	100	
-10			<1		
-			<1		
-	Silt	Gray and brown silt, slightly moist, no odors or staining.	<1	100	
-15			<1		
-		Increased moisture at 17 feet	<1	100	
-			<1		
-			<1		
-20		End of Boring at 20'	<1		

Notes:  
 PID readings collected with MiniRae 3000



# Soil Boring SB-4

222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-1

Date : 2/16/2024  
 Driller : Ferris  
 Drilling Method : Direct Push  
 Logged By : Stephen Huxta, P.G.

Depth (ft)	Soil Type	Description	PID Reading (ppm)	% Recovery	Sample ID
-0	Silt Loam	Dark brown silt loam topsoil, slightly moist	<1	90	SB-4-11
-	Silt Loam	Brown silt loam, slightly moist, no odors or staining	<1		
-	Silty Clay	Light brown silty clay, slightly moist, no odors or staining	<1		
-5	Silty Clay	Light brown silty clay, slightly moist, no odors or staining	<1	75	
-	Sand	Brown and grey sand with some 1/8" to 1" quartz fragments, dry, no odors or staining	<1		
-10	Silty Clay	Brown silty clay, slightly moist, no odors or stain	<1	85	
-	Clayey Silt	Brown clayey silt, slightly moist, no odors or staining	<1		
-15	Silt	Brown and grey silt saprolite, moist to wet, no odors or staining	<1		
-20	Silt	Brown and grey silt saprolite, moist to wet, no odors or staining	<1	100	

Notes:  
 PID readings collected with MiniRae 3000



## Soil Boring/Temporary Well (SB/TW) 5

222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-1

Date : 2/16/2024  
 Driller : Ferris  
 Drilling Method : Direct Push  
 Logged By : Stephen Huxta, P.G.

Depth (ft)	Soil Type	Description	PID Reading (ppm)	% Recovery	Sample ID	Temporary Well
-0	Asphalt	Asphalt and stone	△			
-	Silty Clay	Brown silty clay, slightly moist, no odors or staining	△	95	SB-5-8	
-	Silty Clay		△			
-	Silty Clay		△			
-	Silty Clay		△			
-5	Silt Loam	Brown silt loam, slightly moist, no odors or staining	△	90		
-	Silt Loam		△			
-	Silt Loam		△			
-	Silt Loam		△			
-	Loamy sand	Brown sandy loam with 1/8" to 1" quartz fragment	△			
-10	Silt	slightly moist, no odors or staining	△		TW-5	
-	Silt	Brown silt, slightly moist, no odors or staining	△	85		
-	Silt		△			
-	Silt		△			
-	Silt	Gray mottling from 14-15 feet	△			
-	Silt	Wet starting at 15 feet	△			
-15	Silt		△	85		
-	Silt		△			
-	Silt		△			
-	Silt		△			
-	Silt		△			
-	Silt		△			
-20	Silt		△	100		
-	Silt		△			
-	Silt		△			
-	Silt		△			
-	Silt		△			
-25	Silt	End of Boring at 25 feet	△			

**Notes:**

PID readings collected with MiniRae 3000  
 DTW measured at 16.52' below grade.



## Soil Boring/Temporary Well (SB/TW) 6

222 N Pottstown Pike  
 Exton, PA 19341  
 HXE Project No. 23-140-1

Date : 2/16/2024  
 Driller : Ferris  
 Drilling Method : Direct Push  
 Logged By : Stephen Huxta, P.G.

Depth (ft)	Soil Type	Description	PID Reading (ppm)	% Recovery	Sample ID	Temporary Well
-0	Asphalt	Asphalt and stone	△			
-	Silt Loam	Brown silt loam, slightly moist, no odors or staining	△			
-	Silty Clay	Light brown silty clay, slightly moist, no odors or staining	△	85	SB-6-7.5	
-			△			
-5			△			
-	Sand	Brown coarse sand, dry, no odors or staining	△	75		
-			△			
-10			△			
-	Sandy Silt	Light gray sandy silt, slightly moist, no odors or staining	△	100		
-			△			
-15			△			
-		Increased moisture at 17 feet	△	100		
-			△			
-20			△			
-	End of Boring at 25 feet		△	70		
-			△			
-25			△			

**Notes:**

PID readings collected with MiniRae 3000  
 DTW measured at 18.98' below grade.





**Appendix H**  
**Laboratory Report**



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Stephen Huxta  
Huxta Environmental LLC  
461 Merlin Road  
Phoenixville, Pennsylvania 19460

Generated 2/29/2024 2:48:56 AM

## JOB DESCRIPTION

No 23-140-1

## JOB NUMBER

410-161069-1

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
2/29/2024 2:48:56 AM

Authorized for release by  
Kerri Sachtleben, Client Services Group Leader  
[Kerri.Sachtleben@et.eurofinsus.com](mailto:Kerri.Sachtleben@et.eurofinsus.com)  
(717)556-7376

## Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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Kerri Sachtle



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# Definitions/Glossary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.

### General Chemistry

Qualifier	Qualifier Description
!	Laboratory is not accredited for this parameter.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Case Narrative

Client: Huxta Environmental LLC  
Project: No 23-140-1

Job ID: 410-161069-1

**Job ID: 410-161069-1**

**Eurofins Lancaster Laboratories Environment**

## **Job Narrative 410-161069-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### **Receipt**

The samples were received on 2/16/2024 4:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.4°C and 1.5°C.

### **GC/MS VOA**

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-477765 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed on 410-477765 is compliant under 8260C/D method criteria for Dichlorodifluoromethane. The software does not display the % Drift data to the whole number as is listed in the method (i.e. limit of 20%). When applying the evaluation to a whole number, the check passes the criteria with a value of 20% Drift.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with 410-477765: Freon 113. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### **GC/MS Semi VOA**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### **Metals**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### **General Chemistry**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

# Detection Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Client Sample ID: SB-2-11

Lab Sample ID: 410-161069-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00083	J	0.0066	0.00079	mg/Kg	1	✳	8260D	Total/NA
Chrysene	0.0053	J	0.023	0.0047	mg/Kg	1	✳	8270E	Total/NA
Pyrene	0.0072	J	0.023	0.0047	mg/Kg	1	✳	8270E	Total/NA
Lead	10		1.4	0.52	mg/Kg	10	✳	6020B	Total/NA

## Client Sample ID: SB-3-10

Lab Sample ID: 410-161069-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.019	0.0057	mg/Kg	1	✳	8260D	Total/NA
Pyrene	0.0043	J	0.020	0.0040	mg/Kg	1	✳	8270E	Total/NA
Lead	12	^2	1.1	0.42	mg/Kg	10	✳	6020B	Total/NA

## Client Sample ID: SB-4-11

Lab Sample ID: 410-161069-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.021	0.0064	mg/Kg	1	✳	8260D	Total/NA
Lead	20		1.2	0.44	mg/Kg	10	✳	6020B	Total/NA

## Client Sample ID: SB-5-8

Lab Sample ID: 410-161069-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0065	J	0.021	0.0062	mg/Kg	1	✳	8260D	Total/NA
Lead	15	^2	1.0	0.40	mg/Kg	10	✳	6020B	Total/NA

## Client Sample ID: SB-6-7.5

Lab Sample ID: 410-161069-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0099	J	0.028	0.0085	mg/Kg	1	✳	8260D	Total/NA
Methyl acetate	0.016		0.0071	0.0014	mg/Kg	1	✳	8260D	Total/NA
Benzo[a]anthracene	0.0043	J	0.020	0.0041	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	0.0069	J	0.020	0.0041	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.0044	J	0.020	0.0041	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.0095	J	0.020	0.0041	mg/Kg	1	✳	8270E	Total/NA
Pyrene	0.016	J	0.020	0.0041	mg/Kg	1	✳	8270E	Total/NA
Lead	16	^2	1.2	0.45	mg/Kg	10	✳	6020B	Total/NA

## Client Sample ID: TW-1

Lab Sample ID: 410-161069-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.60	J	1.0	0.30	ug/L	1		8260D	Total/NA

## Client Sample ID: TW-2

Lab Sample ID: 410-161069-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	20	0.70	ug/L	1		8260D	Total/NA

## Client Sample ID: TW-5

Lab Sample ID: 410-161069-8

No Detections.

## Client Sample ID: TW-6

Lab Sample ID: 410-161069-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.4	J	10	0.50	ug/L	1		8260D	Total/NA
Acetone	14	J	20	0.70	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC



# Detection Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-6 (Continued)**

**Lab Sample ID: 410-161069-9**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.2		1.0	0.20	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

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# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-2-11**

**Lab Sample ID: 410-161069-1**

Date Collected: 02/16/24 09:20

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 70.9

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,1,2,2-Tetrachloroethane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,1,2-Trichloroethane	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,1-Dichloroethane	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,1-Dichloroethene	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2,4-Trichlorobenzene	ND		0.013	0.0066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2,4-Trimethylbenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2-Dibromo-3-Chloropropane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2-Dibromoethane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2-Dichlorobenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2-Dichloroethane	ND		0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,2-Dichloropropane	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,3,5-Trimethylbenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,3-Dichlorobenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
1,4-Dichlorobenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
2-Butanone	ND		0.013	0.0026	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
2-Hexanone	ND		0.013	0.0026	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
4-Methyl-2-pentanone	ND		0.013	0.0013	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Acetone	ND		0.026	0.0079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Benzene	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Bromodichloromethane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Bromoform	ND		0.013	0.0066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Bromomethane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
<b>Carbon disulfide</b>	<b>0.00083</b>	<b>J</b>	0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Carbon tetrachloride	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Chlorobenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Chloroethane	ND		0.0066	0.0013	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Chloroform	ND		0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Chloromethane	ND		0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
cis-1,2-Dichloroethene	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
cis-1,3-Dichloropropene	ND		0.0066	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Cyclohexane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Dibromochloromethane	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Dichlorodifluoromethane	ND		0.0066	0.0013	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Ethylbenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Freon 113	ND		0.013	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Isopropylbenzene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Methyl acetate	ND		0.0066	0.0013	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Methyl tert-butyl ether	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Methylcyclohexane	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Methylene Chloride	ND		0.0066	0.0026	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Naphthalene	ND		0.0066	0.0026	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Styrene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Tetrachloroethene	ND		0.0066	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Toluene	ND		0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
trans-1,2-Dichloroethene	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
trans-1,3-Dichloropropene	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Trichloroethene	ND		0.0066	0.00066	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Trichlorofluoromethane	ND		0.0066	0.0013	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-2-11**

**Lab Sample ID: 410-161069-1**

Date Collected: 02/16/24 09:20

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 70.9

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.0066	0.00079	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Xylenes, Total	ND		0.013	0.00092	mg/Kg	☼	02/18/24 21:25	02/21/24 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		54 - 135				02/18/24 21:25	02/21/24 00:41	1
4-Bromofluorobenzene (Surr)	99		50 - 131				02/18/24 21:25	02/21/24 00:41	1
Dibromofluoromethane (Surr)	100		50 - 141				02/18/24 21:25	02/21/24 00:41	1
Toluene-d8 (Surr)	98		52 - 141				02/18/24 21:25	02/21/24 00:41	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.023	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
Benzo[a]pyrene	ND		0.023	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
Benzo[b]fluoranthene	ND		0.023	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
Benzo[g,h,i]perylene	ND		0.023	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
<b>Chrysene</b>	<b>0.0053</b>	<b>J</b>	0.023	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.0056	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
<b>Pyrene</b>	<b>0.0072</b>	<b>J</b>	0.023	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		10 - 138				02/22/24 09:40	02/23/24 01:21	1
2-Fluorobiphenyl (Surr)	66		37 - 120				02/22/24 09:40	02/23/24 01:21	1
2-Fluorophenol (Surr)	67		22 - 120				02/22/24 09:40	02/23/24 01:21	1
Nitrobenzene-d5 (Surr)	67		26 - 120				02/22/24 09:40	02/23/24 01:21	1
Phenol-d5 (Surr)	69		27 - 120				02/22/24 09:40	02/23/24 01:21	1
p-Terphenyl-d14 (Surr)	77		40 - 133				02/22/24 09:40	02/23/24 01:21	1

**Method: SW846 6020B - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>10</b>		1.4	0.52	mg/Kg	☼	02/20/24 21:00	02/26/24 09:55	10

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Percent Moisture (EPA Moisture)</b>	<b>29.1</b>	<b>I</b>	1.0	1.0	%			02/19/24 11:00	1

**Client Sample ID: SB-3-10**

**Lab Sample ID: 410-161069-2**

Date Collected: 02/16/24 10:30

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.7

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0048	0.00057	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,1,2,2-Tetrachloroethane	ND		0.0048	0.00067	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,1,2-Trichloroethane	ND		0.0048	0.00048	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,1-Dichloroethane	ND		0.0048	0.00048	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,1-Dichloroethene	ND		0.0048	0.00048	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,2,4-Trichlorobenzene	ND		0.0095	0.0048	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,2,4-Trimethylbenzene	ND		0.0048	0.00067	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,2-Dibromo-3-Chloropropane	ND		0.0048	0.00067	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,2-Dibromoethane	ND		0.0048	0.00067	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1
1,2-Dichlorobenzene	ND		0.0048	0.00067	mg/Kg	☼	02/18/24 21:25	02/21/24 01:03	1

# Client Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-3-10**

**Lab Sample ID: 410-161069-2**

Date Collected: 02/16/24 10:30

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.7

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0048	0.00057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
1,2-Dichloropropane	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
1,3,5-Trimethylbenzene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
1,3-Dichlorobenzene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
1,4-Dichlorobenzene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
2-Butanone	ND		0.0095	0.0019	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
2-Hexanone	ND		0.0095	0.0019	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
4-Methyl-2-pentanone	ND		0.0095	0.00095	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
<b>Acetone</b>	<b>0.013</b>	<b>J</b>	0.019	0.0057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Benzene	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Bromodichloromethane	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Bromoform	ND		0.0095	0.0048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Bromomethane	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Carbon disulfide	ND		0.0048	0.00057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Carbon tetrachloride	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Chlorobenzene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Chloroethane	ND		0.0048	0.00095	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Chloroform	ND		0.0048	0.00057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Chloromethane	ND		0.0048	0.00057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
cis-1,2-Dichloroethene	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
cis-1,3-Dichloropropene	ND		0.0048	0.00038	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Cyclohexane	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Dibromochloromethane	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Dichlorodifluoromethane	ND		0.0048	0.00095	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Ethylbenzene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Freon 113	ND		0.0095	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Isopropylbenzene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Methyl acetate	ND		0.0048	0.00095	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Methyl tert-butyl ether	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Methylcyclohexane	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Methylene Chloride	ND		0.0048	0.0019	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Naphthalene	ND		0.0048	0.0019	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Styrene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Tetrachloroethene	ND		0.0048	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Toluene	ND		0.0048	0.00057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
trans-1,2-Dichloroethene	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
trans-1,3-Dichloropropene	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Trichloroethene	ND		0.0048	0.00048	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Trichlorofluoromethane	ND		0.0048	0.00095	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Vinyl chloride	ND		0.0048	0.00057	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Xylenes, Total	ND		0.0095	0.00067	mg/Kg	✳	02/18/24 21:25	02/21/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		54 - 135				02/18/24 21:25	02/21/24 01:03	1
4-Bromofluorobenzene (Surr)	100		50 - 131				02/18/24 21:25	02/21/24 01:03	1
Dibromofluoromethane (Surr)	101		50 - 141				02/18/24 21:25	02/21/24 01:03	1
Toluene-d8 (Surr)	99		52 - 141				02/18/24 21:25	02/21/24 01:03	1

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-3-10**

**Lab Sample ID: 410-161069-2**

Date Collected: 02/16/24 10:30

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.7

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1
Benzo[a]pyrene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1
Benzo[b]fluoranthene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1
Benzo[g,h,i]perylene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1
Chrysene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0048	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1
<b>Pyrene</b>	<b>0.0043</b>	<b>J</b>	0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		10 - 138	02/22/24 09:40	02/23/24 01:42	1
2-Fluorobiphenyl (Surr)	59		37 - 120	02/22/24 09:40	02/23/24 01:42	1
2-Fluorophenol (Surr)	58		22 - 120	02/22/24 09:40	02/23/24 01:42	1
Nitrobenzene-d5 (Surr)	59		26 - 120	02/22/24 09:40	02/23/24 01:42	1
Phenol-d5 (Surr)	59		27 - 120	02/22/24 09:40	02/23/24 01:42	1
p-Terphenyl-d14 (Surr)	66		40 - 133	02/22/24 09:40	02/23/24 01:42	1

**Method: SW846 6020B - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>12</b>	<b>^2</b>	1.1	0.42	mg/Kg	☼	02/20/24 21:00	02/26/24 10:13	10

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Percent Moisture (EPA Moisture)</b>	<b>17.3</b>	<b>!</b>	1.0	1.0	%			02/19/24 11:00	1

**Client Sample ID: SB-4-11**

**Lab Sample ID: 410-161069-3**

Date Collected: 02/16/24 10:50

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 85.8

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,1,2,2-Tetrachloroethane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,1,2-Trichloroethane	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,1-Dichloroethane	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,1-Dichloroethene	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2,4-Trichlorobenzene	ND		0.011	0.0053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2,4-Trimethylbenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2-Dibromo-3-Chloropropane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2-Dibromoethane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2-Dichlorobenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2-Dichloroethane	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,2-Dichloropropane	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,3,5-Trimethylbenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,3-Dichlorobenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
1,4-Dichlorobenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
2-Butanone	ND		0.011	0.0021	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
2-Hexanone	ND		0.011	0.0021	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
4-Methyl-2-pentanone	ND		0.011	0.0011	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
<b>Acetone</b>	<b>0.026</b>		0.021	0.0064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Benzene	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Bromodichloromethane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-4-11**

**Lab Sample ID: 410-161069-3**

Date Collected: 02/16/24 10:50

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 85.8

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.011	0.0053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Bromomethane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Carbon disulfide	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Carbon tetrachloride	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Chlorobenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Chloroethane	ND		0.0053	0.0011	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Chloroform	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Chloromethane	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
cis-1,2-Dichloroethene	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
cis-1,3-Dichloropropene	ND		0.0053	0.00043	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Cyclohexane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Dibromochloromethane	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Dichlorodifluoromethane	ND		0.0053	0.0011	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Ethylbenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Freon 113	ND		0.011	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Isopropylbenzene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Methyl acetate	ND		0.0053	0.0011	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Methyl tert-butyl ether	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Methylcyclohexane	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Methylene Chloride	ND		0.0053	0.0021	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Naphthalene	ND		0.0053	0.0021	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Styrene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Tetrachloroethene	ND		0.0053	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Toluene	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
trans-1,2-Dichloroethene	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
trans-1,3-Dichloropropene	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Trichloroethene	ND		0.0053	0.00053	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Trichlorofluoromethane	ND		0.0053	0.0011	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Vinyl chloride	ND		0.0053	0.00064	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1
Xylenes, Total	ND		0.011	0.00075	mg/Kg	☼	02/18/24 21:25	02/21/24 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		54 - 135	02/18/24 21:25	02/21/24 01:26	1
4-Bromofluorobenzene (Surr)	100		50 - 131	02/18/24 21:25	02/21/24 01:26	1
Dibromofluoromethane (Surr)	101		50 - 141	02/18/24 21:25	02/21/24 01:26	1
Toluene-d8 (Surr)	99		52 - 141	02/18/24 21:25	02/21/24 01:26	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.019	0.0039	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1
Benzo[a]pyrene	ND		0.019	0.0039	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1
Benzo[b]fluoranthene	ND		0.019	0.0039	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1
Benzo[g,h,i]perylene	ND		0.019	0.0039	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1
Chrysene	ND		0.019	0.0039	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1
Indeno[1,2,3-cd]pyrene	ND		0.019	0.0047	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1
Pyrene	ND		0.019	0.0039	mg/Kg	☼	02/22/24 09:40	02/23/24 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		10 - 138	02/22/24 09:40	02/23/24 02:04	1
2-Fluorobiphenyl (Surr)	68		37 - 120	02/22/24 09:40	02/23/24 02:04	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-4-11**

**Lab Sample ID: 410-161069-3**

Date Collected: 02/16/24 10:50

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 85.8

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	69		22 - 120	02/22/24 09:40	02/23/24 02:04	1
Nitrobenzene-d5 (Surr)	68		26 - 120	02/22/24 09:40	02/23/24 02:04	1
Phenol-d5 (Surr)	70		27 - 120	02/22/24 09:40	02/23/24 02:04	1
p-Terphenyl-d14 (Surr)	74		40 - 133	02/22/24 09:40	02/23/24 02:04	1

**Method: SW846 6020B - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		1.2	0.44	mg/Kg	☆	02/20/24 21:00	02/26/24 09:53	10

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.2	!	1.0	1.0	%			02/19/24 11:00	1

**Client Sample ID: SB-5-8**

**Lab Sample ID: 410-161069-4**

Date Collected: 02/16/24 11:10

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.8

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0052	0.00062	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,1,2,2-Tetrachloroethane	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,1,2-Trichloroethane	ND		0.0052	0.00052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,1-Dichloroethane	ND		0.0052	0.00052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,1-Dichloroethene	ND		0.0052	0.00052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2,4-Trichlorobenzene	ND		0.010	0.0052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2,4-Trimethylbenzene	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2-Dibromo-3-Chloropropane	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2-Dibromoethane	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2-Dichlorobenzene	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2-Dichloroethane	ND		0.0052	0.00062	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,2-Dichloropropane	ND		0.0052	0.00052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,3,5-Trimethylbenzene	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,3-Dichlorobenzene	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
1,4-Dichlorobenzene	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
2-Butanone	ND		0.010	0.0021	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
2-Hexanone	ND		0.010	0.0021	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
4-Methyl-2-pentanone	ND		0.010	0.0010	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Acetone	0.0065	J	0.021	0.0062	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Benzene	ND		0.0052	0.00052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Bromodichloromethane	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Bromoform	ND		0.010	0.0052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Bromomethane	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Carbon disulfide	ND		0.0052	0.00062	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Carbon tetrachloride	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Chlorobenzene	ND		0.0052	0.00072	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Chloroethane	ND		0.0052	0.0010	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Chloroform	ND		0.0052	0.00062	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
Chloromethane	ND		0.0052	0.00062	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
cis-1,2-Dichloroethene	ND		0.0052	0.00052	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1
cis-1,3-Dichloropropene	ND		0.0052	0.00041	mg/Kg	☆	02/18/24 21:25	02/21/24 01:48	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-5-8**

**Lab Sample ID: 410-161069-4**

Date Collected: 02/16/24 11:10

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.8

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.0052	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Dibromochloromethane	ND		0.0052	0.00052	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Dichlorodifluoromethane	ND		0.0052	0.0010	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Ethylbenzene	ND		0.0052	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Freon 113	ND		0.010	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Isopropylbenzene	ND		0.0052	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Methyl acetate	ND		0.0052	0.0010	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Methyl tert-butyl ether	ND		0.0052	0.00052	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Methylcyclohexane	ND		0.0052	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Methylene Chloride	ND		0.0052	0.0021	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Naphthalene	ND		0.0052	0.0021	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Styrene	ND		0.0052	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Tetrachloroethene	ND		0.0052	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Toluene	ND		0.0052	0.00062	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
trans-1,2-Dichloroethene	ND		0.0052	0.00052	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
trans-1,3-Dichloropropene	ND		0.0052	0.00052	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Trichloroethene	ND		0.0052	0.00052	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Trichlorofluoromethane	ND		0.0052	0.0010	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Vinyl chloride	ND		0.0052	0.00062	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1
Xylenes, Total	ND		0.010	0.00072	mg/Kg	☼	02/18/24 21:25	02/21/24 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		54 - 135	02/18/24 21:25	02/21/24 01:48	1
4-Bromofluorobenzene (Surr)	100		50 - 131	02/18/24 21:25	02/21/24 01:48	1
Dibromofluoromethane (Surr)	100		50 - 141	02/18/24 21:25	02/21/24 01:48	1
Toluene-d8 (Surr)	98		52 - 141	02/18/24 21:25	02/21/24 01:48	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1
Benzo[a]pyrene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1
Benzo[b]fluoranthene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1
Benzo[g,h,i]perylene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1
Chrysene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0048	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1
Pyrene	ND		0.020	0.0040	mg/Kg	☼	02/22/24 09:40	02/23/24 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		10 - 138	02/22/24 09:40	02/23/24 02:26	1
2-Fluorobiphenyl (Surr)	75		37 - 120	02/22/24 09:40	02/23/24 02:26	1
2-Fluorophenol (Surr)	74		22 - 120	02/22/24 09:40	02/23/24 02:26	1
Nitrobenzene-d5 (Surr)	75		26 - 120	02/22/24 09:40	02/23/24 02:26	1
Phenol-d5 (Surr)	75		27 - 120	02/22/24 09:40	02/23/24 02:26	1
p-Terphenyl-d14 (Surr)	85		40 - 133	02/22/24 09:40	02/23/24 02:26	1

**Method: SW846 6020B - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15	^2	1.0	0.40	mg/Kg	☼	02/20/24 21:00	02/26/24 10:15	10



# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-5-8**

**Lab Sample ID: 410-161069-4**

Date Collected: 02/16/24 11:10

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.8

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.2	!	1.0	1.0	%			02/19/24 11:00	1

**Client Sample ID: SB-6-7.5**

**Lab Sample ID: 410-161069-5**

Date Collected: 02/16/24 12:05

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 81.1

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0071	0.00085	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,1,2,2-Tetrachloroethane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,1,2-Trichloroethane	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,1-Dichloroethane	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,1-Dichloroethene	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2,4-Trichlorobenzene	ND		0.014	0.0071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2,4-Trimethylbenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2-Dibromo-3-Chloropropane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2-Dibromoethane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2-Dichlorobenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2-Dichloroethane	ND		0.0071	0.00085	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,2-Dichloropropane	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,3,5-Trimethylbenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,3-Dichlorobenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
1,4-Dichlorobenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
2-Butanone	ND		0.014	0.0028	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
2-Hexanone	ND		0.014	0.0028	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
4-Methyl-2-pentanone	ND		0.014	0.0014	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Acetone	0.0099	J	0.028	0.0085	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Benzene	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Bromodichloromethane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Bromoform	ND		0.014	0.0071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Bromomethane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Carbon disulfide	ND		0.0071	0.00085	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Carbon tetrachloride	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Chlorobenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Chloroethane	ND		0.0071	0.0014	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Chloroform	ND		0.0071	0.00085	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Chloromethane	ND		0.0071	0.00085	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
cis-1,2-Dichloroethene	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
cis-1,3-Dichloropropene	ND		0.0071	0.00057	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Cyclohexane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Dibromochloromethane	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Dichlorodifluoromethane	ND		0.0071	0.0014	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Ethylbenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Freon 113	ND		0.014	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Isopropylbenzene	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Methyl acetate	0.016		0.0071	0.0014	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Methyl tert-butyl ether	ND		0.0071	0.00071	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Methylcyclohexane	ND		0.0071	0.00099	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Methylene Chloride	ND		0.0071	0.0028	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1
Naphthalene	ND		0.0071	0.0028	mg/Kg	✱	02/18/24 21:25	02/21/24 02:11	1

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-6-7.5**

**Lab Sample ID: 410-161069-5**

Date Collected: 02/16/24 12:05

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 81.1

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0071	0.00099	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
Tetrachloroethene	ND		0.0071	0.00099	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
Toluene	ND		0.0071	0.00085	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
trans-1,2-Dichloroethene	ND		0.0071	0.00071	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
trans-1,3-Dichloropropene	ND		0.0071	0.00071	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
Trichloroethene	ND		0.0071	0.00071	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
Trichlorofluoromethane	ND		0.0071	0.0014	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
Vinyl chloride	ND		0.0071	0.00085	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1
Xylenes, Total	ND		0.014	0.00099	mg/Kg	☼	02/18/24 21:25	02/21/24 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		54 - 135	02/18/24 21:25	02/21/24 02:11	1
4-Bromofluorobenzene (Surr)	99		50 - 131	02/18/24 21:25	02/21/24 02:11	1
Dibromofluoromethane (Surr)	99		50 - 141	02/18/24 21:25	02/21/24 02:11	1
Toluene-d8 (Surr)	97		52 - 141	02/18/24 21:25	02/21/24 02:11	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.0043	J	0.020	0.0041	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1
Benzo[a]pyrene	ND		0.020	0.0041	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1
Benzo[b]fluoranthene	0.0069	J	0.020	0.0041	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1
Benzo[g,h,i]perylene	0.0044	J	0.020	0.0041	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1
Chrysene	0.0095	J	0.020	0.0041	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0049	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1
Pyrene	0.016	J	0.020	0.0041	mg/Kg	☼	02/22/24 09:40	02/23/24 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		10 - 138	02/22/24 09:40	02/23/24 02:48	1
2-Fluorobiphenyl (Surr)	75		37 - 120	02/22/24 09:40	02/23/24 02:48	1
2-Fluorophenol (Surr)	72		22 - 120	02/22/24 09:40	02/23/24 02:48	1
Nitrobenzene-d5 (Surr)	72		26 - 120	02/22/24 09:40	02/23/24 02:48	1
Phenol-d5 (Surr)	74		27 - 120	02/22/24 09:40	02/23/24 02:48	1
p-Terphenyl-d14 (Surr)	83		40 - 133	02/22/24 09:40	02/23/24 02:48	1

**Method: SW846 6020B - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16	^2	1.2	0.45	mg/Kg	☼	02/20/24 21:00	02/26/24 10:11	10

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	18.9	!	1.0	1.0	%			02/19/24 11:00	1

**Client Sample ID: TW-1**

**Lab Sample ID: 410-161069-6**

Date Collected: 02/16/24 10:00

Matrix: Water

Date Received: 02/16/24 16:55

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
1,1,1,2,2-Tetrachloroethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 17:12	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1

# Client Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-1**

**Lab Sample ID: 410-161069-6**

**Date Collected: 02/16/24 10:00**

**Matrix: Water**

**Date Received: 02/16/24 16:55**

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 17:12	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			02/28/24 17:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			02/28/24 17:12	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			02/28/24 17:12	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			02/28/24 17:12	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			02/28/24 17:12	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			02/28/24 17:12	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 17:12	1
2-Butanone	ND		10	0.50	ug/L			02/28/24 17:12	1
2-Hexanone	ND		10	0.85	ug/L			02/28/24 17:12	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			02/28/24 17:12	1
Acetone	ND		20	0.70	ug/L			02/28/24 17:12	1
Benzene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/28/24 17:12	1
Bromoform	ND		4.0	1.0	ug/L			02/28/24 17:12	1
Bromomethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Carbon disulfide	ND		5.0	0.30	ug/L			02/28/24 17:12	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Chlorobenzene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Chloroethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
<b>Chloroform</b>	<b>0.60</b>	<b>J</b>	1.0	0.30	ug/L			02/28/24 17:12	1
Chloromethane	ND		2.0	0.55	ug/L			02/28/24 17:12	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 17:12	1
Cyclohexane	ND		5.0	1.0	ug/L			02/28/24 17:12	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/28/24 17:12	1
Dichlorodifluoromethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 17:12	1
Ethylbenzene	ND		1.0	0.40	ug/L			02/28/24 17:12	1
Freon 113	ND	*- cn	10	0.30	ug/L			02/28/24 17:12	1
Isopropylbenzene	ND		5.0	0.30	ug/L			02/28/24 17:12	1
Methyl acetate	ND		5.0	0.30	ug/L			02/28/24 17:12	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			02/28/24 17:12	1
Methylcyclohexane	ND		5.0	0.50	ug/L			02/28/24 17:12	1
Methylene Chloride	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Naphthalene	ND		5.0	1.0	ug/L			02/28/24 17:12	1
Styrene	ND		5.0	0.30	ug/L			02/28/24 17:12	1
Tetrachloroethene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Toluene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			02/28/24 17:12	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 17:12	1
Trichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/28/24 17:12	1
Xylenes, Total	ND		1.0	0.40	ug/L			02/28/24 17:12	1

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-1**

**Lab Sample ID: 410-161069-6**

Date Collected: 02/16/24 10:00

Matrix: Water

Date Received: 02/16/24 16:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		02/28/24 17:12	1
4-Bromofluorobenzene (Surr)	90		80 - 120		02/28/24 17:12	1
Dibromofluoromethane (Surr)	93		80 - 120		02/28/24 17:12	1
Toluene-d8 (Surr)	113		80 - 120		02/28/24 17:12	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.51	0.10	ug/L		02/22/24 07:45	02/22/24 20:58	1
Benzo[a]pyrene	ND		0.51	0.11	ug/L		02/22/24 07:45	02/22/24 20:58	1
Benzo[b]fluoranthene	ND		0.51	0.10	ug/L		02/22/24 07:45	02/22/24 20:58	1
Benzo[g,h,i]perylene	ND		0.51	0.10	ug/L		02/22/24 07:45	02/22/24 20:58	1
Chrysene	ND		0.51	0.10	ug/L		02/22/24 07:45	02/22/24 20:58	1
Indeno[1,2,3-cd]pyrene	ND		0.51	0.11	ug/L		02/22/24 07:45	02/22/24 20:58	1
Pyrene	ND		0.51	0.10	ug/L		02/22/24 07:45	02/22/24 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		13 - 138	02/22/24 07:45	02/22/24 20:58	1
2-Fluorobiphenyl (Surr)	81		44 - 120	02/22/24 07:45	02/22/24 20:58	1
2-Fluorophenol (Surr)	48		10 - 120	02/22/24 07:45	02/22/24 20:58	1
Nitrobenzene-d5 (Surr)	82		31 - 120	02/22/24 07:45	02/22/24 20:58	1
Phenol-d5 (Surr)	37		10 - 120	02/22/24 07:45	02/22/24 20:58	1
p-Terphenyl-d14 (Surr)	72		30 - 125	02/22/24 07:45	02/22/24 20:58	1

**Method: SW846 6020B - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.52	0.12	ug/L		02/20/24 08:13	02/22/24 19:43	1

**Client Sample ID: TW-2**

**Lab Sample ID: 410-161069-7**

Date Collected: 02/16/24 11:35

Matrix: Water

Date Received: 02/16/24 16:55

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
1,1,1,2-Tetrachloroethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 17:34	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 17:34	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			02/28/24 17:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			02/28/24 17:34	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			02/28/24 17:34	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			02/28/24 17:34	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			02/28/24 17:34	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			02/28/24 17:34	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 17:34	1
2-Butanone	ND		10	0.50	ug/L			02/28/24 17:34	1
2-Hexanone	ND		10	0.85	ug/L			02/28/24 17:34	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			02/28/24 17:34	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-2**

**Lab Sample ID: 410-161069-7**

Date Collected: 02/16/24 11:35

Matrix: Water

Date Received: 02/16/24 16:55

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.3	J	20	0.70	ug/L			02/28/24 17:34	1
Benzene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/28/24 17:34	1
Bromoform	ND		4.0	1.0	ug/L			02/28/24 17:34	1
Bromomethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Carbon disulfide	ND		5.0	0.30	ug/L			02/28/24 17:34	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Chlorobenzene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Chloroethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Chloroform	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Chloromethane	ND		2.0	0.55	ug/L			02/28/24 17:34	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 17:34	1
Cyclohexane	ND		5.0	1.0	ug/L			02/28/24 17:34	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/28/24 17:34	1
Dichlorodifluoromethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 17:34	1
Ethylbenzene	ND		1.0	0.40	ug/L			02/28/24 17:34	1
Freon 113	ND	*- cn	10	0.30	ug/L			02/28/24 17:34	1
Isopropylbenzene	ND		5.0	0.30	ug/L			02/28/24 17:34	1
Methyl acetate	ND		5.0	0.30	ug/L			02/28/24 17:34	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			02/28/24 17:34	1
Methylcyclohexane	ND		5.0	0.50	ug/L			02/28/24 17:34	1
Methylene Chloride	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Naphthalene	ND		5.0	1.0	ug/L			02/28/24 17:34	1
Styrene	ND		5.0	0.30	ug/L			02/28/24 17:34	1
Tetrachloroethene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Toluene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			02/28/24 17:34	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 17:34	1
Trichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/28/24 17:34	1
Xylenes, Total	ND		1.0	0.40	ug/L			02/28/24 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		02/28/24 17:34	1
4-Bromofluorobenzene (Surr)	90		80 - 120		02/28/24 17:34	1
Dibromofluoromethane (Surr)	93		80 - 120		02/28/24 17:34	1
Toluene-d8 (Surr)	112		80 - 120		02/28/24 17:34	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.52	0.10	ug/L		02/22/24 07:45	02/22/24 21:18	1
Benzo[a]pyrene	ND		0.52	0.12	ug/L		02/22/24 07:45	02/22/24 21:18	1
Benzo[b]fluoranthene	ND		0.52	0.10	ug/L		02/22/24 07:45	02/22/24 21:18	1
Benzo[g,h,i]perylene	ND		0.52	0.10	ug/L		02/22/24 07:45	02/22/24 21:18	1
Chrysene	ND		0.52	0.10	ug/L		02/22/24 07:45	02/22/24 21:18	1
Indeno[1,2,3-cd]pyrene	ND		0.52	0.12	ug/L		02/22/24 07:45	02/22/24 21:18	1
Pyrene	ND		0.52	0.10	ug/L		02/22/24 07:45	02/22/24 21:18	1

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Client Sample ID: TW-2

Lab Sample ID: 410-161069-7

Date Collected: 02/16/24 11:35

Matrix: Water

Date Received: 02/16/24 16:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		13 - 138	02/22/24 07:45	02/22/24 21:18	1
2-Fluorobiphenyl (Surr)	85		44 - 120	02/22/24 07:45	02/22/24 21:18	1
2-Fluorophenol (Surr)	47		10 - 120	02/22/24 07:45	02/22/24 21:18	1
Nitrobenzene-d5 (Surr)	88		31 - 120	02/22/24 07:45	02/22/24 21:18	1
Phenol-d5 (Surr)	41		10 - 120	02/22/24 07:45	02/22/24 21:18	1
p-Terphenyl-d14 (Surr)	59		30 - 125	02/22/24 07:45	02/22/24 21:18	1

### Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.52	0.12	ug/L		02/20/24 08:13	02/22/24 19:39	1

## Client Sample ID: TW-5

Lab Sample ID: 410-161069-8

Date Collected: 02/16/24 12:35

Matrix: Water

Date Received: 02/16/24 16:55

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
1,1,2,2-Tetrachloroethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 17:56	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 17:56	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			02/28/24 17:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			02/28/24 17:56	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			02/28/24 17:56	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			02/28/24 17:56	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			02/28/24 17:56	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			02/28/24 17:56	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 17:56	1
2-Butanone	ND		10	0.50	ug/L			02/28/24 17:56	1
2-Hexanone	ND		10	0.85	ug/L			02/28/24 17:56	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			02/28/24 17:56	1
Acetone	ND		20	0.70	ug/L			02/28/24 17:56	1
Benzene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/28/24 17:56	1
Bromoform	ND		4.0	1.0	ug/L			02/28/24 17:56	1
Bromomethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Carbon disulfide	ND		5.0	0.30	ug/L			02/28/24 17:56	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Chlorobenzene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Chloroethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Chloroform	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Chloromethane	ND		2.0	0.55	ug/L			02/28/24 17:56	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 17:56	1
Cyclohexane	ND		5.0	1.0	ug/L			02/28/24 17:56	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/28/24 17:56	1
Dichlorodifluoromethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 17:56	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-5**

**Lab Sample ID: 410-161069-8**

Date Collected: 02/16/24 12:35

Matrix: Water

Date Received: 02/16/24 16:55

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			02/28/24 17:56	1
Freon 113	ND	*- cn	10	0.30	ug/L			02/28/24 17:56	1
Isopropylbenzene	ND		5.0	0.30	ug/L			02/28/24 17:56	1
Methyl acetate	ND		5.0	0.30	ug/L			02/28/24 17:56	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			02/28/24 17:56	1
Methylcyclohexane	ND		5.0	0.50	ug/L			02/28/24 17:56	1
Methylene Chloride	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Naphthalene	ND		5.0	1.0	ug/L			02/28/24 17:56	1
Styrene	ND		5.0	0.30	ug/L			02/28/24 17:56	1
Tetrachloroethene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Toluene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			02/28/24 17:56	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 17:56	1
Trichloroethene	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/28/24 17:56	1
Xylenes, Total	ND		1.0	0.40	ug/L			02/28/24 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120					02/28/24 17:56	1
4-Bromofluorobenzene (Surr)	92		80 - 120					02/28/24 17:56	1
Dibromofluoromethane (Surr)	92		80 - 120					02/28/24 17:56	1
Toluene-d8 (Surr)	112		80 - 120					02/28/24 17:56	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.54	0.11	ug/L		02/22/24 07:45	02/22/24 21:38	1
Benzo[a]pyrene	ND		0.54	0.12	ug/L		02/22/24 07:45	02/22/24 21:38	1
Benzo[b]fluoranthene	ND		0.54	0.11	ug/L		02/22/24 07:45	02/22/24 21:38	1
Benzo[g,h,i]perylene	ND		0.54	0.11	ug/L		02/22/24 07:45	02/22/24 21:38	1
Chrysene	ND		0.54	0.11	ug/L		02/22/24 07:45	02/22/24 21:38	1
Indeno[1,2,3-cd]pyrene	ND		0.54	0.12	ug/L		02/22/24 07:45	02/22/24 21:38	1
Pyrene	ND		0.54	0.11	ug/L		02/22/24 07:45	02/22/24 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		13 - 138				02/22/24 07:45	02/22/24 21:38	1
2-Fluorobiphenyl (Surr)	84		44 - 120				02/22/24 07:45	02/22/24 21:38	1
2-Fluorophenol (Surr)	47		10 - 120				02/22/24 07:45	02/22/24 21:38	1
Nitrobenzene-d5 (Surr)	87		31 - 120				02/22/24 07:45	02/22/24 21:38	1
Phenol-d5 (Surr)	35		10 - 120				02/22/24 07:45	02/22/24 21:38	1
p-Terphenyl-d14 (Surr)	67		30 - 125				02/22/24 07:45	02/22/24 21:38	1

**Method: SW846 6020B - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.52	0.12	ug/L		02/20/24 08:13	02/22/24 19:41	1

# Client Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-6**

**Lab Sample ID: 410-161069-9**

Date Collected: 02/16/24 13:20

Matrix: Water

Date Received: 02/16/24 16:55

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
1,1,1,2-Tetrachloroethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 18:18	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 18:18	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			02/28/24 18:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			02/28/24 18:18	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			02/28/24 18:18	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			02/28/24 18:18	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			02/28/24 18:18	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			02/28/24 18:18	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 18:18	1
<b>2-Butanone</b>	<b>1.4</b>	<b>J</b>	10	0.50	ug/L			02/28/24 18:18	1
2-Hexanone	ND		10	0.85	ug/L			02/28/24 18:18	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			02/28/24 18:18	1
<b>Acetone</b>	<b>14</b>	<b>J</b>	20	0.70	ug/L			02/28/24 18:18	1
Benzene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/28/24 18:18	1
Bromoform	ND		4.0	1.0	ug/L			02/28/24 18:18	1
Bromomethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Carbon disulfide	ND		5.0	0.30	ug/L			02/28/24 18:18	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Chlorobenzene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Chloroethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Chloroform	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Chloromethane	ND		2.0	0.55	ug/L			02/28/24 18:18	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 18:18	1
Cyclohexane	ND		5.0	1.0	ug/L			02/28/24 18:18	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/28/24 18:18	1
Dichlorodifluoromethane	ND	^c cn	1.0	0.30	ug/L			02/28/24 18:18	1
Ethylbenzene	ND		1.0	0.40	ug/L			02/28/24 18:18	1
Freon 113	ND	*- cn	10	0.30	ug/L			02/28/24 18:18	1
Isopropylbenzene	ND		5.0	0.30	ug/L			02/28/24 18:18	1
Methyl acetate	ND		5.0	0.30	ug/L			02/28/24 18:18	1
<b>Methyl tert-butyl ether</b>	<b>1.2</b>		1.0	0.20	ug/L			02/28/24 18:18	1
Methylcyclohexane	ND		5.0	0.50	ug/L			02/28/24 18:18	1
Methylene Chloride	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Naphthalene	ND		5.0	1.0	ug/L			02/28/24 18:18	1
Styrene	ND		5.0	0.30	ug/L			02/28/24 18:18	1
Tetrachloroethene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Toluene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			02/28/24 18:18	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 18:18	1
Trichloroethene	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			02/28/24 18:18	1



# Client Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: TW-6**

**Lab Sample ID: 410-161069-9**

Date Collected: 02/16/24 13:20

Matrix: Water

Date Received: 02/16/24 16:55

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.30	ug/L			02/28/24 18:18	1
Xylenes, Total	ND		1.0	0.40	ug/L			02/28/24 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 120					02/28/24 18:18	1
4-Bromofluorobenzene (Surr)	90		80 - 120					02/28/24 18:18	1
Dibromofluoromethane (Surr)	93		80 - 120					02/28/24 18:18	1
Toluene-d8 (Surr)	111		80 - 120					02/28/24 18:18	1

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		0.63	0.13	ug/L		02/22/24 07:45	02/22/24 21:58	1
Benzo[a]pyrene	ND		0.63	0.14	ug/L		02/22/24 07:45	02/22/24 21:58	1
Benzo[b]fluoranthene	ND		0.63	0.13	ug/L		02/22/24 07:45	02/22/24 21:58	1
Benzo[g,h,i]perylene	ND		0.63	0.13	ug/L		02/22/24 07:45	02/22/24 21:58	1
Chrysene	ND		0.63	0.13	ug/L		02/22/24 07:45	02/22/24 21:58	1
Indeno[1,2,3-cd]pyrene	ND		0.63	0.14	ug/L		02/22/24 07:45	02/22/24 21:58	1
Pyrene	ND		0.63	0.13	ug/L		02/22/24 07:45	02/22/24 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		44 - 120				02/22/24 07:45	02/22/24 21:58	1
Nitrobenzene-d5 (Surr)	89		31 - 120				02/22/24 07:45	02/22/24 21:58	1
p-Terphenyl-d14 (Surr)	65		30 - 125				02/22/24 07:45	02/22/24 21:58	1

**Method: SW846 6020B - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.52	0.12	ug/L		02/20/24 08:13	02/22/24 19:37	1

# Surrogate Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (54-135)	BFB (50-131)	DBFM (50-141)	TOL (52-141)
410-161069-1	SB-2-11	113	99	100	98
410-161069-2	SB-3-10	115	100	101	99
410-161069-3	SB-4-11	113	100	101	99
410-161069-4	SB-5-8	114	100	100	98
410-161069-5	SB-6-7.5	117	99	99	97
LCS 410-475266/6	Lab Control Sample	109	100	100	101
LCS 410-475266/7	Lab Control Sample Dup	111	100	100	100
MB 410-475266/9	Method Blank	109	100	100	99

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
410-161069-6	TW-1	100	90	93	113
410-161069-7	TW-2	98	90	93	112
410-161069-8	TW-5	100	92	92	112
410-161069-9	TW-6	103	90	93	111
LCS 410-477765/4	Lab Control Sample	100	90	93	108
LCS 410-477765/5	Lab Control Sample Dup	99	90	91	110
MB 410-477765/7	Method Blank	103	91	92	115

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (10-138)	FBP (37-120)	2FP (22-120)	NBZ (26-120)	PHL (27-120)	TPHd14 (40-133)
410-161069-1	SB-2-11	75	66	67	67	69	77
410-161069-2	SB-3-10	64	59	58	59	59	66
410-161069-3	SB-4-11	75	68	69	68	70	74
410-161069-4	SB-5-8	81	75	74	75	75	85
410-161069-5	SB-6-7.5	85	75	72	72	74	83
LCS 410-475892/2-A	Lab Control Sample	99	76	76	75	77	88
MB 410-475892/1-A	Method Blank	84	69	66	63	67	83

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)  
FBP = 2-Fluorobiphenyl (Surr)

# Surrogate Summary

Client: Huxta Environmental LLC

Job ID: 410-161069-1

Project/Site: No 23-140-1

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (13-138)	FBP (44-120)	2FP (10-120)	NBZ (31-120)	PHL (10-120)	TPHd14 (30-125)
410-161069-6	TW-1	70	81	48	82	37	72
410-161069-7	TW-2	53	85	47	88	41	59
410-161069-8	TW-5	55	84	47	87	35	67
410-161069-9	TW-6		84		89		65
LCS 410-475863/2-A	Lab Control Sample	61	64	53	70	41	73
LCSD 410-475863/3-A	Lab Control Sample Dup	58	66	54	71	41	71
MB 410-475863/1-A	Method Blank	68	74	53	76	37	82

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

# QC Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-475266/9

Matrix: Solid

Analysis Batch: 475266

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,1,2-Trichloroethane	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
1,1-Dichloroethane	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
1,1-Dichloroethene	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
1,2,4-Trichlorobenzene	ND		0.010	0.0050	mg/Kg			02/20/24 23:58	1
1,2,4-Trimethylbenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,2-Dibromoethane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,2-Dichlorobenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,2-Dichloroethane	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
1,2-Dichloropropane	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
1,3,5-Trimethylbenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,3-Dichlorobenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
1,4-Dichlorobenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
2-Butanone	ND		0.010	0.0020	mg/Kg			02/20/24 23:58	1
2-Hexanone	ND		0.010	0.0020	mg/Kg			02/20/24 23:58	1
4-Methyl-2-pentanone	ND		0.010	0.0010	mg/Kg			02/20/24 23:58	1
Acetone	ND		0.020	0.0060	mg/Kg			02/20/24 23:58	1
Benzene	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
Bromodichloromethane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Bromoform	ND		0.010	0.0050	mg/Kg			02/20/24 23:58	1
Bromomethane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Carbon disulfide	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
Carbon tetrachloride	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Chlorobenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Chloroethane	ND		0.0050	0.0010	mg/Kg			02/20/24 23:58	1
Chloroform	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
Chloromethane	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
cis-1,2-Dichloroethene	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
cis-1,3-Dichloropropene	ND		0.0050	0.00040	mg/Kg			02/20/24 23:58	1
Cyclohexane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Dibromochloromethane	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
Dichlorodifluoromethane	ND		0.0050	0.0010	mg/Kg			02/20/24 23:58	1
Ethylbenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Freon 113	ND		0.010	0.00070	mg/Kg			02/20/24 23:58	1
Isopropylbenzene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Methyl acetate	ND		0.0050	0.0010	mg/Kg			02/20/24 23:58	1
Methyl tert-butyl ether	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
Methylcyclohexane	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Methylene Chloride	ND		0.0050	0.0020	mg/Kg			02/20/24 23:58	1
Naphthalene	ND		0.0050	0.0020	mg/Kg			02/20/24 23:58	1
Styrene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Tetrachloroethene	ND		0.0050	0.00070	mg/Kg			02/20/24 23:58	1
Toluene	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
trans-1,2-Dichloroethene	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
trans-1,3-Dichloropropene	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1
Trichloroethene	ND		0.0050	0.00050	mg/Kg			02/20/24 23:58	1

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-475266/9

Matrix: Solid

Analysis Batch: 475266

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichlorofluoromethane	ND		0.0050	0.0010	mg/Kg			02/20/24 23:58	1
Vinyl chloride	ND		0.0050	0.00060	mg/Kg			02/20/24 23:58	1
Xylenes, Total	ND		0.010	0.00070	mg/Kg			02/20/24 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		54 - 135					02/20/24 23:58	1
4-Bromofluorobenzene (Surr)	100		50 - 131					02/20/24 23:58	1
Dibromofluoromethane (Surr)	100		50 - 141					02/20/24 23:58	1
Toluene-d8 (Surr)	99		52 - 141					02/20/24 23:58	1

Lab Sample ID: LCS 410-475266/6

Matrix: Solid

Analysis Batch: 475266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	69 - 123
1,1,1,2,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		110	69 - 125
1,1,1,2-Trichloroethane	0.0200	0.0223		mg/Kg		111	80 - 120
1,1-Dichloroethane	0.0200	0.0187		mg/Kg		93	79 - 120
1,1-Dichloroethene	0.0200	0.0188		mg/Kg		94	73 - 129
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	56 - 130
1,2,4-Trimethylbenzene	0.0200	0.0194		mg/Kg		97	73 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	48 - 134
1,2-Dibromoethane	0.0200	0.0213		mg/Kg		107	76 - 120
1,2-Dichlorobenzene	0.0200	0.0201		mg/Kg		100	76 - 120
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		94	71 - 128
1,2-Dichloropropane	0.0200	0.0199		mg/Kg		100	80 - 120
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	73 - 120
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	75 - 120
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
2-Butanone	0.250	0.274		mg/Kg		110	57 - 128
2-Hexanone	0.250	0.247		mg/Kg		99	54 - 140
4-Methyl-2-pentanone	0.250	0.242		mg/Kg		97	67 - 128
Acetone	0.250	0.294		mg/Kg		118	41 - 150
Benzene	0.0200	0.0189		mg/Kg		95	80 - 120
Bromodichloromethane	0.0200	0.0192		mg/Kg		96	70 - 120
Bromoform	0.0200	0.0199		mg/Kg		99	51 - 127
Bromomethane	0.0200	0.0158		mg/Kg		79	45 - 140
Carbon disulfide	0.0200	0.0167		mg/Kg		84	64 - 133
Carbon tetrachloride	0.0200	0.0174		mg/Kg		87	64 - 134
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Chloroethane	0.0200	0.0170		mg/Kg		85	43 - 135
Chloroform	0.0200	0.0184		mg/Kg		92	80 - 120
Chloromethane	0.0200	0.0157		mg/Kg		78	56 - 120
cis-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	80 - 125
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	66 - 120
Cyclohexane	0.0200	0.0173		mg/Kg		87	58 - 126
Dibromochloromethane	0.0200	0.0207		mg/Kg		104	69 - 125

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-475266/6

Matrix: Solid

Analysis Batch: 475266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Dichlorodifluoromethane	0.0200	0.0146		mg/Kg		73	21 - 127
Ethylbenzene	0.0200	0.0193		mg/Kg		96	78 - 120
Freon 113	0.0200	0.0157		mg/Kg		78	64 - 135
Isopropylbenzene	0.0200	0.0205		mg/Kg		103	77 - 120
Methyl acetate	0.0200	0.0214		mg/Kg		107	67 - 128
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	72 - 120
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	61 - 124
Methylene Chloride	0.0200	0.0189		mg/Kg		94	76 - 122
Naphthalene	0.0200	0.0199		mg/Kg		99	48 - 130
Styrene	0.0200	0.0190		mg/Kg		95	76 - 120
Tetrachloroethene	0.0200	0.0184		mg/Kg		92	73 - 120
Toluene	0.0200	0.0193		mg/Kg		96	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		92	80 - 126
trans-1,3-Dichloropropene	0.0200	0.0203		mg/Kg		102	68 - 122
Trichloroethene	0.0200	0.0182		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0161		mg/Kg		81	55 - 134
Vinyl chloride	0.0200	0.0170		mg/Kg		85	52 - 120
Xylenes, Total	0.0600	0.0580		mg/Kg		97	75 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	109		54 - 135
4-Bromofluorobenzene (Surr)	100		50 - 131
Dibromofluoromethane (Surr)	100		50 - 141
Toluene-d8 (Surr)	101		52 - 141

Lab Sample ID: LCSD 410-475266/7

Matrix: Solid

Analysis Batch: 475266

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
1,1,1-Trichloroethane	0.0200	0.0173		mg/Kg		86	69 - 123	3	30
1,1,1,2-Tetrachloroethane	0.0200	0.0214		mg/Kg		107	69 - 125	2	30
1,1,2-Trichloroethane	0.0200	0.0219		mg/Kg		110	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0183		mg/Kg		92	79 - 120	2	30
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		93	73 - 129	1	30
1,2,4-Trichlorobenzene	0.0200	0.0175		mg/Kg		88	56 - 130	4	30
1,2,4-Trimethylbenzene	0.0200	0.0191		mg/Kg		95	73 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0163		mg/Kg		82	48 - 134	11	30
1,2-Dibromoethane	0.0200	0.0209		mg/Kg		105	76 - 120	2	30
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	76 - 120	2	30
1,2-Dichloroethane	0.0200	0.0185		mg/Kg		92	71 - 128	1	30
1,2-Dichloropropane	0.0200	0.0196		mg/Kg		98	80 - 120	2	30
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	73 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	75 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	1	30
2-Butanone	0.250	0.291		mg/Kg		116	57 - 128	6	30
2-Hexanone	0.250	0.230		mg/Kg		92	54 - 140	7	30
4-Methyl-2-pentanone	0.250	0.228		mg/Kg		91	67 - 128	6	30

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-475266/7

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 475266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.250	0.307		mg/Kg		123	41 - 150	4	30
Benzene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
Bromodichloromethane	0.0200	0.0190		mg/Kg		95	70 - 120	1	30
Bromoform	0.0200	0.0194		mg/Kg		97	51 - 127	2	30
Bromomethane	0.0200	0.0155		mg/Kg		78	45 - 140	2	30
Carbon disulfide	0.0200	0.0165		mg/Kg		82	64 - 133	1	30
Carbon tetrachloride	0.0200	0.0172		mg/Kg		86	64 - 134	1	30
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120	2	30
Chloroethane	0.0200	0.0166		mg/Kg		83	43 - 135	2	30
Chloroform	0.0200	0.0183		mg/Kg		91	80 - 120	1	30
Chloromethane	0.0200	0.0155		mg/Kg		78	56 - 120	1	30
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 125	1	30
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	66 - 120	1	30
Cyclohexane	0.0200	0.0169		mg/Kg		85	58 - 126	3	30
Dibromochloromethane	0.0200	0.0205		mg/Kg		103	69 - 125	1	30
Dichlorodifluoromethane	0.0200	0.0143		mg/Kg		72	21 - 127	2	30
Ethylbenzene	0.0200	0.0188		mg/Kg		94	78 - 120	3	30
Freon 113	0.0200	0.0154		mg/Kg		77	64 - 135	2	30
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	77 - 120	3	30
Methyl acetate	0.0200	0.0235		mg/Kg		118	67 - 128	10	30
Methyl tert-butyl ether	0.0200	0.0184		mg/Kg		92	72 - 120	1	30
Methylcyclohexane	0.0200	0.0177		mg/Kg		88	61 - 124	1	30
Methylene Chloride	0.0200	0.0187		mg/Kg		94	76 - 122	1	30
Naphthalene	0.0200	0.0183		mg/Kg		92	48 - 130	8	30
Styrene	0.0200	0.0182		mg/Kg		91	76 - 120	4	30
Tetrachloroethene	0.0200	0.0182		mg/Kg		91	73 - 120	1	30
Toluene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0184		mg/Kg		92	80 - 126	1	30
trans-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		100	68 - 122	1	30
Trichloroethene	0.0200	0.0180		mg/Kg		90	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0159		mg/Kg		80	55 - 134	1	30
Vinyl chloride	0.0200	0.0169		mg/Kg		85	52 - 120	1	30
Xylenes, Total	0.0600	0.0567		mg/Kg		95	75 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	111		54 - 135
4-Bromofluorobenzene (Surr)	100		50 - 131
Dibromofluoromethane (Surr)	100		50 - 141
Toluene-d8 (Surr)	100		52 - 141

Lab Sample ID: MB 410-477765/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 477765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-477765/7**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 477765**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 11:40	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			02/28/24 11:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			02/28/24 11:40	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			02/28/24 11:40	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			02/28/24 11:40	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			02/28/24 11:40	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			02/28/24 11:40	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			02/28/24 11:40	1
2-Butanone	ND		10	0.50	ug/L			02/28/24 11:40	1
2-Hexanone	ND		10	0.85	ug/L			02/28/24 11:40	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			02/28/24 11:40	1
Acetone	ND		20	0.70	ug/L			02/28/24 11:40	1
Benzene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/28/24 11:40	1
Bromoform	ND		4.0	1.0	ug/L			02/28/24 11:40	1
Bromomethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Carbon disulfide	ND		5.0	0.30	ug/L			02/28/24 11:40	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Chlorobenzene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Chloroethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Chloroform	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Chloromethane	ND		2.0	0.55	ug/L			02/28/24 11:40	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 11:40	1
Cyclohexane	ND		5.0	1.0	ug/L			02/28/24 11:40	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/28/24 11:40	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Ethylbenzene	ND		1.0	0.40	ug/L			02/28/24 11:40	1
Freon 113	ND		10	0.30	ug/L			02/28/24 11:40	1
Isopropylbenzene	ND		5.0	0.30	ug/L			02/28/24 11:40	1
Methyl acetate	ND		5.0	0.30	ug/L			02/28/24 11:40	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			02/28/24 11:40	1
Methylcyclohexane	ND		5.0	0.50	ug/L			02/28/24 11:40	1
Methylene Chloride	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Naphthalene	ND		5.0	1.0	ug/L			02/28/24 11:40	1
Styrene	ND		5.0	0.30	ug/L			02/28/24 11:40	1
Tetrachloroethene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Toluene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			02/28/24 11:40	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/28/24 11:40	1
Trichloroethene	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/28/24 11:40	1
Xylenes, Total	ND		1.0	0.40	ug/L			02/28/24 11:40	1



# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-477765/7

Matrix: Water

Analysis Batch: 477765

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		02/28/24 11:40	1
4-Bromofluorobenzene (Surr)	91		80 - 120		02/28/24 11:40	1
Dibromofluoromethane (Surr)	92		80 - 120		02/28/24 11:40	1
Toluene-d8 (Surr)	115		80 - 120		02/28/24 11:40	1

Lab Sample ID: LCS 410-477765/4

Matrix: Water

Analysis Batch: 477765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	23.0		ug/L		115	72 - 120
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	80 - 120
1,1-Dichloroethane	20.0	19.3		ug/L		96	80 - 120
1,1-Dichloroethane	20.0	20.7		ug/L		103	80 - 131
1,2,4-Trichlorobenzene	20.0	19.9		ug/L		100	63 - 120
1,2,4-Trimethylbenzene	20.0	21.2		ug/L		106	75 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.4		ug/L		92	47 - 131
1,2-Dibromoethane	20.0	19.3		ug/L		97	77 - 120
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	18.1		ug/L		90	73 - 124
1,2-Dichloropropane	20.0	21.0		ug/L		105	80 - 120
1,3,5-Trimethylbenzene	20.0	21.5		ug/L		107	75 - 120
1,3-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 120
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 120
2-Butanone	250	288		ug/L		115	59 - 135
2-Hexanone	250	273		ug/L		109	56 - 135
4-Methyl-2-pentanone	250	272		ug/L		109	62 - 133
Acetone	250	269		ug/L		108	54 - 157
Benzene	20.0	19.2		ug/L		96	80 - 120
Bromodichloromethane	20.0	18.8		ug/L		94	71 - 120
Bromoform	20.0	17.0		ug/L		85	51 - 120
Bromomethane	20.0	15.9		ug/L		80	53 - 128
Carbon disulfide	20.0	20.1		ug/L		101	65 - 128
Carbon tetrachloride	20.0	16.7		ug/L		83	64 - 134
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120
Chloroethane	20.0	16.9		ug/L		85	55 - 123
Chloroform	20.0	17.4		ug/L		87	80 - 120
Chloromethane	20.0	14.9		ug/L		74	56 - 121
cis-1,2-Dichloroethene	20.0	17.4		ug/L		87	80 - 125
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	75 - 120
Cyclohexane	20.0	16.4		ug/L		82	68 - 126
Dibromochloromethane	20.0	19.8		ug/L		99	71 - 120
Dichlorodifluoromethane	20.0	11.4		ug/L		57	41 - 127
Ethylbenzene	20.0	19.2		ug/L		96	80 - 120
Freon 113	20.0	13.5	*	ug/L		68	73 - 139
Isopropylbenzene	20.0	20.1		ug/L		100	80 - 120
Methyl acetate	20.0	21.6		ug/L		108	54 - 136

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-477765/4

Matrix: Water

Analysis Batch: 477765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	20.0	17.3		ug/L		86	69 - 122
Methylcyclohexane	20.0	15.8		ug/L		79	67 - 121
Methylene Chloride	20.0	20.8		ug/L		104	80 - 120
Naphthalene	20.0	20.0		ug/L		100	53 - 124
Styrene	20.0	17.9		ug/L		90	80 - 120
Tetrachloroethene	20.0	18.8		ug/L		94	80 - 120
Toluene	20.0	20.2		ug/L		101	80 - 120
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	80 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	67 - 120
Trichloroethene	20.0	18.2		ug/L		91	80 - 120
Trichlorofluoromethane	20.0	14.6		ug/L		73	55 - 135
Vinyl chloride	20.0	14.8		ug/L		74	56 - 120
Xylenes, Total	60.0	57.9		ug/L		97	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	90		80 - 120
Dibromofluoromethane (Surr)	93		80 - 120
Toluene-d8 (Surr)	108		80 - 120

Lab Sample ID: LCSD 410-477765/5

Matrix: Water

Analysis Batch: 477765

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
1,1,1-Trichloroethane	20.0	17.4		ug/L		87	67 - 126	2	30
1,1,1,2-Tetrachloroethane	20.0	23.3		ug/L		117	72 - 120	2	30
1,1,1,2-Trichloroethane	20.0	20.2		ug/L		101	80 - 120	2	30
1,1-Dichloroethane	20.0	18.4		ug/L		92	80 - 120	5	30
1,1-Dichloroethene	20.0	19.5		ug/L		97	80 - 131	6	30
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		98	63 - 120	1	30
1,2,4-Trimethylbenzene	20.0	21.1		ug/L		105	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/L		96	47 - 131	4	30
1,2-Dibromoethane	20.0	19.4		ug/L		97	77 - 120	1	30
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 120	1	30
1,2-Dichloroethane	20.0	17.5		ug/L		88	73 - 124	3	30
1,2-Dichloropropane	20.0	20.8		ug/L		104	80 - 120	1	30
1,3,5-Trimethylbenzene	20.0	21.8		ug/L		109	75 - 120	1	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 120	2	30
1,4-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 120	0	30
2-Butanone	250	270		ug/L		108	59 - 135	7	30
2-Hexanone	250	269		ug/L		108	56 - 135	1	30
4-Methyl-2-pentanone	250	266		ug/L		106	62 - 133	2	30
Acetone	250	230		ug/L		92	54 - 157	16	30
Benzene	20.0	18.9		ug/L		94	80 - 120	2	30
Bromodichloromethane	20.0	18.4		ug/L		92	71 - 120	2	30
Bromoform	20.0	16.7		ug/L		83	51 - 120	2	30
Bromomethane	20.0	15.3		ug/L		77	53 - 128	4	30

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-47765/5

Matrix: Water

Analysis Batch: 47765

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD
									Limit
Carbon disulfide	20.0	19.6		ug/L		98	65 - 128	3	30
Carbon tetrachloride	20.0	16.2		ug/L		81	64 - 134	3	30
Chlorobenzene	20.0	19.4		ug/L		97	80 - 120	2	30
Chloroethane	20.0	16.2		ug/L		81	55 - 123	4	30
Chloroform	20.0	16.7		ug/L		84	80 - 120	4	30
Chloromethane	20.0	15.0		ug/L		75	56 - 121	1	30
cis-1,2-Dichloroethene	20.0	17.5		ug/L		87	80 - 125	0	30
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	75 - 120	3	30
Cyclohexane	20.0	16.1		ug/L		81	68 - 126	2	30
Dibromochloromethane	20.0	19.2		ug/L		96	71 - 120	3	30
Dichlorodifluoromethane	20.0	10.9		ug/L		54	41 - 127	5	30
Ethylbenzene	20.0	19.1		ug/L		96	80 - 120	0	30
Freon 113	20.0	13.2	*	ug/L		66	73 - 139	2	30
Isopropylbenzene	20.0	20.3		ug/L		102	80 - 120	1	30
Methyl acetate	20.0	20.5		ug/L		102	54 - 136	5	30
Methyl tert-butyl ether	20.0	17.3		ug/L		86	69 - 122	0	30
Methylcyclohexane	20.0	15.4		ug/L		77	67 - 121	2	30
Methylene Chloride	20.0	20.2		ug/L		101	80 - 120	3	30
Naphthalene	20.0	19.8		ug/L		99	53 - 124	1	30
Styrene	20.0	17.3		ug/L		87	80 - 120	3	30
Tetrachloroethene	20.0	19.1		ug/L		95	80 - 120	1	30
Toluene	20.0	20.5		ug/L		102	80 - 120	2	30
trans-1,2-Dichloroethene	20.0	17.2		ug/L		86	80 - 126	6	30
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	67 - 120	1	30
Trichloroethene	20.0	17.7		ug/L		88	80 - 120	3	30
Trichlorofluoromethane	20.0	14.4		ug/L		72	55 - 135	1	30
Vinyl chloride	20.0	14.6		ug/L		73	56 - 120	1	30
Xylenes, Total	60.0	57.6		ug/L		96	80 - 120	1	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	90		80 - 120
Dibromofluoromethane (Surr)	91		80 - 120
Toluene-d8 (Surr)	110		80 - 120

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-475863/1-A

Matrix: Water

Analysis Batch: 476111

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 475863

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[a]anthracene	ND		0.50	0.10	ug/L		02/22/24 07:45	02/22/24 18:17	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		02/22/24 07:45	02/22/24 18:17	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		02/22/24 07:45	02/22/24 18:17	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		02/22/24 07:45	02/22/24 18:17	1
Chrysene	ND		0.50	0.10	ug/L		02/22/24 07:45	02/22/24 18:17	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		02/22/24 07:45	02/22/24 18:17	1
Pyrene	ND		0.50	0.10	ug/L		02/22/24 07:45	02/22/24 18:17	1

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	68		13 - 138	02/22/24 07:45	02/22/24 18:17	1
2-Fluorobiphenyl (Surr)	74		44 - 120	02/22/24 07:45	02/22/24 18:17	1
2-Fluorophenol (Surr)	53		10 - 120	02/22/24 07:45	02/22/24 18:17	1
Nitrobenzene-d5 (Surr)	76		31 - 120	02/22/24 07:45	02/22/24 18:17	1
Phenol-d5 (Surr)	37		10 - 120	02/22/24 07:45	02/22/24 18:17	1
p-Terphenyl-d14 (Surr)	82		30 - 125	02/22/24 07:45	02/22/24 18:17	1

Lab Sample ID: LCS 410-475863/2-A

Matrix: Water

Analysis Batch: 476111

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 475863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	RPD
Benzo[a]anthracene	50.0	36.4		ug/L		73	66 - 133	
Benzo[a]pyrene	50.0	39.1		ug/L		78	64 - 131	
Benzo[b]fluoranthene	50.0	38.0		ug/L		76	64 - 124	
Benzo[g,h,i]perylene	50.0	36.9		ug/L		74	60 - 136	
Chrysene	50.0	38.6		ug/L		77	70 - 128	
Indeno[1,2,3-cd]pyrene	50.0	35.4		ug/L		71	55 - 134	
Pyrene	50.0	42.6		ug/L		85	67 - 126	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	61		13 - 138
2-Fluorobiphenyl (Surr)	64		44 - 120
2-Fluorophenol (Surr)	53		10 - 120
Nitrobenzene-d5 (Surr)	70		31 - 120
Phenol-d5 (Surr)	41		10 - 120
p-Terphenyl-d14 (Surr)	73		30 - 125

Lab Sample ID: LCSD 410-475863/3-A

Matrix: Water

Analysis Batch: 476111

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 475863

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	Limit	Limit
Benzo[a]anthracene	50.0	35.7		ug/L		71	66 - 133	2	30	
Benzo[a]pyrene	50.0	39.3		ug/L		79	64 - 131	1	30	
Benzo[b]fluoranthene	50.0	36.9		ug/L		74	64 - 124	3	30	
Benzo[g,h,i]perylene	50.0	37.1		ug/L		74	60 - 136	0	30	
Chrysene	50.0	37.6		ug/L		75	70 - 128	3	30	
Indeno[1,2,3-cd]pyrene	50.0	35.5		ug/L		71	55 - 134	0	30	
Pyrene	50.0	42.7		ug/L		85	67 - 126	0	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	58		13 - 138
2-Fluorobiphenyl (Surr)	66		44 - 120
2-Fluorophenol (Surr)	54		10 - 120
Nitrobenzene-d5 (Surr)	71		31 - 120
Phenol-d5 (Surr)	41		10 - 120
p-Terphenyl-d14 (Surr)	71		30 - 125

# QC Sample Results

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 410-475892/1-A**  
**Matrix: Solid**  
**Analysis Batch: 476079**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 475892**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[a]anthracene	ND		0.017	0.0033	mg/Kg		02/22/24 09:40	02/22/24 18:44	1
Benzo[a]pyrene	ND		0.017	0.0033	mg/Kg		02/22/24 09:40	02/22/24 18:44	1
Benzo[b]fluoranthene	ND		0.017	0.0033	mg/Kg		02/22/24 09:40	02/22/24 18:44	1
Benzo[g,h,i]perylene	ND		0.017	0.0033	mg/Kg		02/22/24 09:40	02/22/24 18:44	1
Chrysene	ND		0.017	0.0033	mg/Kg		02/22/24 09:40	02/22/24 18:44	1
Indeno[1,2,3-cd]pyrene	ND		0.017	0.0040	mg/Kg		02/22/24 09:40	02/22/24 18:44	1
Pyrene	ND		0.017	0.0033	mg/Kg		02/22/24 09:40	02/22/24 18:44	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	84		10 - 138	02/22/24 09:40	02/22/24 18:44	1
2-Fluorobiphenyl (Surr)	69		37 - 120	02/22/24 09:40	02/22/24 18:44	1
2-Fluorophenol (Surr)	66		22 - 120	02/22/24 09:40	02/22/24 18:44	1
Nitrobenzene-d5 (Surr)	63		26 - 120	02/22/24 09:40	02/22/24 18:44	1
Phenol-d5 (Surr)	67		27 - 120	02/22/24 09:40	02/22/24 18:44	1
p-Terphenyl-d14 (Surr)	83		40 - 133	02/22/24 09:40	02/22/24 18:44	1

**Lab Sample ID: LCS 410-475892/2-A**  
**Matrix: Solid**  
**Analysis Batch: 476079**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 475892**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzo[a]anthracene	1.67	1.44		mg/Kg		87	68 - 120
Benzo[a]pyrene	1.67	1.60		mg/Kg		96	71 - 120
Benzo[b]fluoranthene	1.67	1.45		mg/Kg		87	66 - 120
Benzo[g,h,i]perylene	1.67	1.62		mg/Kg		97	69 - 120
Chrysene	1.67	1.44		mg/Kg		86	67 - 120
Indeno[1,2,3-cd]pyrene	1.67	1.58		mg/Kg		95	67 - 122
Pyrene	1.67	1.42		mg/Kg		85	69 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	99		10 - 138
2-Fluorobiphenyl (Surr)	76		37 - 120
2-Fluorophenol (Surr)	76		22 - 120
Nitrobenzene-d5 (Surr)	75		26 - 120
Phenol-d5 (Surr)	77		27 - 120
p-Terphenyl-d14 (Surr)	88		40 - 133

## Method: 6020B - Metals (ICP/MS)

**Lab Sample ID: MB 410-474876/1-A ^2**  
**Matrix: Solid**  
**Analysis Batch: 476967**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 474876**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	ND		0.20	0.076	mg/Kg		02/20/24 21:00	02/26/24 08:56	2

# QC Sample Results

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: LCS 410-474876/2-A ^2**  
**Matrix: Solid**  
**Analysis Batch: 476967**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 474876**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	5.00	5.15		mg/Kg		103	80 - 120

**Lab Sample ID: MB 410-474993/1-A**  
**Matrix: Water**  
**Analysis Batch: 476244**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 474993**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.52	0.12	ug/L		02/20/24 08:13	02/22/24 19:04	1

**Lab Sample ID: LCS 410-474993/2-A**  
**Matrix: Water**  
**Analysis Batch: 476244**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 474993**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	53.1		ug/L		106	90 - 115

# QC Association Summary

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

## GC/MS VOA

### Prep Batch: 474412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	5035	
410-161069-2	SB-3-10	Total/NA	Solid	5035	
410-161069-3	SB-4-11	Total/NA	Solid	5035	
410-161069-4	SB-5-8	Total/NA	Solid	5035	
410-161069-5	SB-6-7.5	Total/NA	Solid	5035	

### Analysis Batch: 475266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	8260D	474412
410-161069-2	SB-3-10	Total/NA	Solid	8260D	474412
410-161069-3	SB-4-11	Total/NA	Solid	8260D	474412
410-161069-4	SB-5-8	Total/NA	Solid	8260D	474412
410-161069-5	SB-6-7.5	Total/NA	Solid	8260D	474412
MB 410-475266/9	Method Blank	Total/NA	Solid	8260D	
LCS 410-475266/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-475266/7	Lab Control Sample Dup	Total/NA	Solid	8260D	

### Analysis Batch: 477765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-6	TW-1	Total/NA	Water	8260D	
410-161069-7	TW-2	Total/NA	Water	8260D	
410-161069-8	TW-5	Total/NA	Water	8260D	
410-161069-9	TW-6	Total/NA	Water	8260D	
MB 410-477765/7	Method Blank	Total/NA	Water	8260D	
LCS 410-477765/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-477765/5	Lab Control Sample Dup	Total/NA	Water	8260D	

## GC/MS Semi VOA

### Prep Batch: 475863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-6	TW-1	Total/NA	Water	3510C	
410-161069-7	TW-2	Total/NA	Water	3510C	
410-161069-8	TW-5	Total/NA	Water	3510C	
410-161069-9	TW-6	Total/NA	Water	3510C	
MB 410-475863/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-475863/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 410-475863/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Prep Batch: 475892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	3546	
410-161069-2	SB-3-10	Total/NA	Solid	3546	
410-161069-3	SB-4-11	Total/NA	Solid	3546	
410-161069-4	SB-5-8	Total/NA	Solid	3546	
410-161069-5	SB-6-7.5	Total/NA	Solid	3546	
MB 410-475892/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-475892/2-A	Lab Control Sample	Total/NA	Solid	3546	

# QC Association Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## GC/MS Semi VOA

### Analysis Batch: 476079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	8270E	475892
410-161069-2	SB-3-10	Total/NA	Solid	8270E	475892
410-161069-3	SB-4-11	Total/NA	Solid	8270E	475892
410-161069-4	SB-5-8	Total/NA	Solid	8270E	475892
410-161069-5	SB-6-7.5	Total/NA	Solid	8270E	475892
MB 410-475892/1-A	Method Blank	Total/NA	Solid	8270E	475892
LCS 410-475892/2-A	Lab Control Sample	Total/NA	Solid	8270E	475892

### Analysis Batch: 476111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-6	TW-1	Total/NA	Water	8270E	475863
410-161069-7	TW-2	Total/NA	Water	8270E	475863
410-161069-8	TW-5	Total/NA	Water	8270E	475863
410-161069-9	TW-6	Total/NA	Water	8270E	475863
MB 410-475863/1-A	Method Blank	Total/NA	Water	8270E	475863
LCS 410-475863/2-A	Lab Control Sample	Total/NA	Water	8270E	475863
LCS 410-475863/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	475863

## Metals

### Prep Batch: 474876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	3050B	
410-161069-2	SB-3-10	Total/NA	Solid	3050B	
410-161069-3	SB-4-11	Total/NA	Solid	3050B	
410-161069-4	SB-5-8	Total/NA	Solid	3050B	
410-161069-5	SB-6-7.5	Total/NA	Solid	3050B	
MB 410-474876/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-474876/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

### Prep Batch: 474993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-6	TW-1	Dissolved	Water	Non-Digest Prep	
410-161069-7	TW-2	Dissolved	Water	Non-Digest Prep	
410-161069-8	TW-5	Dissolved	Water	Non-Digest Prep	
410-161069-9	TW-6	Dissolved	Water	Non-Digest Prep	
MB 410-474993/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-474993/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

### Analysis Batch: 476244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-6	TW-1	Dissolved	Water	6020B	474993
410-161069-7	TW-2	Dissolved	Water	6020B	474993
410-161069-8	TW-5	Dissolved	Water	6020B	474993
410-161069-9	TW-6	Dissolved	Water	6020B	474993
MB 410-474993/1-A	Method Blank	Total/NA	Water	6020B	474993
LCS 410-474993/2-A	Lab Control Sample	Total/NA	Water	6020B	474993

### Analysis Batch: 476967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	6020B	474876



# QC Association Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Metals (Continued)

### Analysis Batch: 476967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-2	SB-3-10	Total/NA	Solid	6020B	474876
410-161069-3	SB-4-11	Total/NA	Solid	6020B	474876
410-161069-4	SB-5-8	Total/NA	Solid	6020B	474876
410-161069-5	SB-6-7.5	Total/NA	Solid	6020B	474876
MB 410-474876/1-A ^2	Method Blank	Total/NA	Solid	6020B	474876
LCS 410-474876/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	474876

## General Chemistry

### Analysis Batch: 474625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-161069-1	SB-2-11	Total/NA	Solid	Moisture	
410-161069-2	SB-3-10	Total/NA	Solid	Moisture	
410-161069-3	SB-4-11	Total/NA	Solid	Moisture	
410-161069-4	SB-5-8	Total/NA	Solid	Moisture	
410-161069-5	SB-6-7.5	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: Huxta Environmental LLC  
 Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-2-11**

**Lab Sample ID: 410-161069-1**

Date Collected: 02/16/24 09:20

Matrix: Solid

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	474625	UVJN	ELLE	02/19/24 11:00

**Client Sample ID: SB-2-11**

**Lab Sample ID: 410-161069-1**

Date Collected: 02/16/24 09:20

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 70.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			474412	D8NM	ELLE	02/18/24 21:25
Total/NA	Analysis	8260D		1	475266	DVW2	ELLE	02/21/24 00:41
Total/NA	Prep	3546			475892	PQ6J	ELLE	02/22/24 09:40
Total/NA	Analysis	8270E		1	476079	P7EB	ELLE	02/23/24 01:21
Total/NA	Prep	3050B			474876	UAMX	ELLE	02/20/24 21:00
Total/NA	Analysis	6020B		10	476967	F7JF	ELLE	02/26/24 09:55

**Client Sample ID: SB-3-10**

**Lab Sample ID: 410-161069-2**

Date Collected: 02/16/24 10:30

Matrix: Solid

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	474625	UVJN	ELLE	02/19/24 11:00

**Client Sample ID: SB-3-10**

**Lab Sample ID: 410-161069-2**

Date Collected: 02/16/24 10:30

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			474412	D8NM	ELLE	02/18/24 21:25
Total/NA	Analysis	8260D		1	475266	DVW2	ELLE	02/21/24 01:03
Total/NA	Prep	3546			475892	PQ6J	ELLE	02/22/24 09:40
Total/NA	Analysis	8270E		1	476079	P7EB	ELLE	02/23/24 01:42
Total/NA	Prep	3050B			474876	UAMX	ELLE	02/20/24 21:00
Total/NA	Analysis	6020B		10	476967	F7JF	ELLE	02/26/24 10:13

**Client Sample ID: SB-4-11**

**Lab Sample ID: 410-161069-3**

Date Collected: 02/16/24 10:50

Matrix: Solid

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	474625	UVJN	ELLE	02/19/24 11:00

# Lab Chronicle

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

**Client Sample ID: SB-4-11**

**Lab Sample ID: 410-161069-3**

Date Collected: 02/16/24 10:50

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			474412	D8NM	ELLE	02/18/24 21:25
Total/NA	Analysis	8260D		1	475266	DVV2	ELLE	02/21/24 01:26
Total/NA	Prep	3546			475892	PQ6J	ELLE	02/22/24 09:40
Total/NA	Analysis	8270E		1	476079	P7EB	ELLE	02/23/24 02:04
Total/NA	Prep	3050B			474876	UAMX	ELLE	02/20/24 21:00
Total/NA	Analysis	6020B		10	476967	F7JF	ELLE	02/26/24 09:53

**Client Sample ID: SB-5-8**

**Lab Sample ID: 410-161069-4**

Date Collected: 02/16/24 11:10

Matrix: Solid

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	474625	UVJN	ELLE	02/19/24 11:00

**Client Sample ID: SB-5-8**

**Lab Sample ID: 410-161069-4**

Date Collected: 02/16/24 11:10

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			474412	D8NM	ELLE	02/18/24 21:25
Total/NA	Analysis	8260D		1	475266	DVV2	ELLE	02/21/24 01:48
Total/NA	Prep	3546			475892	PQ6J	ELLE	02/22/24 09:40
Total/NA	Analysis	8270E		1	476079	P7EB	ELLE	02/23/24 02:26
Total/NA	Prep	3050B			474876	UAMX	ELLE	02/20/24 21:00
Total/NA	Analysis	6020B		10	476967	F7JF	ELLE	02/26/24 10:15

**Client Sample ID: SB-6-7.5**

**Lab Sample ID: 410-161069-5**

Date Collected: 02/16/24 12:05

Matrix: Solid

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	474625	UVJN	ELLE	02/19/24 11:00

**Client Sample ID: SB-6-7.5**

**Lab Sample ID: 410-161069-5**

Date Collected: 02/16/24 12:05

Matrix: Solid

Date Received: 02/16/24 16:55

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			474412	D8NM	ELLE	02/18/24 21:25
Total/NA	Analysis	8260D		1	475266	DVV2	ELLE	02/21/24 02:11
Total/NA	Prep	3546			475892	PQ6J	ELLE	02/22/24 09:40
Total/NA	Analysis	8270E		1	476079	P7EB	ELLE	02/23/24 02:48
Total/NA	Prep	3050B			474876	UAMX	ELLE	02/20/24 21:00
Total/NA	Analysis	6020B		10	476967	F7JF	ELLE	02/26/24 10:11

# Lab Chronicle

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Client Sample ID: TW-1

Lab Sample ID: 410-161069-6

Date Collected: 02/16/24 10:00

Matrix: Water

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	477765	TQ4J	ELLE	02/28/24 17:12
Total/NA	Prep	3510C			475863	QKX3	ELLE	02/22/24 07:45
Total/NA	Analysis	8270E		1	476111	SJ89	ELLE	02/22/24 20:58
Dissolved	Prep	Non-Digest Prep			474993	NU9R	ELLE	02/20/24 08:13
Dissolved	Analysis	6020B		1	476244	F7JF	ELLE	02/22/24 19:43

## Client Sample ID: TW-2

Lab Sample ID: 410-161069-7

Date Collected: 02/16/24 11:35

Matrix: Water

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	477765	TQ4J	ELLE	02/28/24 17:34
Total/NA	Prep	3510C			475863	QKX3	ELLE	02/22/24 07:45
Total/NA	Analysis	8270E		1	476111	SJ89	ELLE	02/22/24 21:18
Dissolved	Prep	Non-Digest Prep			474993	NU9R	ELLE	02/20/24 08:13
Dissolved	Analysis	6020B		1	476244	F7JF	ELLE	02/22/24 19:39

## Client Sample ID: TW-5

Lab Sample ID: 410-161069-8

Date Collected: 02/16/24 12:35

Matrix: Water

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	477765	TQ4J	ELLE	02/28/24 17:56
Total/NA	Prep	3510C			475863	QKX3	ELLE	02/22/24 07:45
Total/NA	Analysis	8270E		1	476111	SJ89	ELLE	02/22/24 21:38
Dissolved	Prep	Non-Digest Prep			474993	NU9R	ELLE	02/20/24 08:13
Dissolved	Analysis	6020B		1	476244	F7JF	ELLE	02/22/24 19:41

## Client Sample ID: TW-6

Lab Sample ID: 410-161069-9

Date Collected: 02/16/24 13:20

Matrix: Water

Date Received: 02/16/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	477765	TQ4J	ELLE	02/28/24 18:18
Total/NA	Prep	3510C			475863	QKX3	ELLE	02/22/24 07:45
Total/NA	Analysis	8270E		1	476111	SJ89	ELLE	02/22/24 21:58
Dissolved	Prep	Non-Digest Prep			474993	NU9R	ELLE	02/20/24 08:13
Dissolved	Analysis	6020B		1	476244	F7JF	ELLE	02/22/24 19:37

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-28-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Method Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



# Sample Summary

Client: Huxta Environmental LLC  
Project/Site: No 23-140-1

Job ID: 410-161069-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-161069-1	SB-2-11	Solid	02/16/24 09:20	02/16/24 16:55
410-161069-2	SB-3-10	Solid	02/16/24 10:30	02/16/24 16:55
410-161069-3	SB-4-11	Solid	02/16/24 10:50	02/16/24 16:55
410-161069-4	SB-5-8	Solid	02/16/24 11:10	02/16/24 16:55
410-161069-5	SB-6-7.5	Solid	02/16/24 12:05	02/16/24 16:55
410-161069-6	TW-1	Water	02/16/24 10:00	02/16/24 16:55
410-161069-7	TW-2	Water	02/16/24 11:35	02/16/24 16:55
410-161069-8	TW-5	Water	02/16/24 12:35	02/16/24 16:55
410-161069-9	TW-6	Water	02/16/24 13:20	02/16/24 16:55

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15





## Login Sample Receipt Checklist

Client: Huxta Environmental LLC

Job Number: 410-161069-1

**Login Number: 161069**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Number: 1**

**Creator: Roth, Stephanie**

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable, where thermal pres is required (<math>\leq 6^{\circ}\text{C}</math>, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temp acceptable, where thermal pres is required (<math>\leq 6^{\circ}\text{C}</math>, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	





**Appendix I**  
**Professional Profile**

**STEPHEN HUXTA, P.G.**  
**461 MERLIN ROAD**  
**PHOENIXVILLE, PA 19460**  
**SHUXTA@HUXTAENVIRONMENTAL.COM**  
**484.883.5894**



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**Education:**

B.A., Chemistry; Minor, Business; Virginia Tech, 2013.  
M.S., Applied Geosciences; University of Pennsylvania, 2017.

**Professional Positions:**

Huxta Environmental, Principal Geologist (2023-current)  
Drexel University, Adjunct Professor, Department of Biodiversity, Earth and Environmental Science (2017-current)

**Prior Positions:**

Brickhouse Environmental – Project Scientist through Project Director (2013-2023)

**Registrations:**

Professional Geologist, PA (PG #5389)

**Certifications:**

OSHA Approved 40-Hour HAZWOPER Training/Annual Refresher Courses  
OSHA Approved HAZWOPER Supervisor Training

**Non Profit Affiliations:**

Wells for Relief International, Founding Board Member, 2014-2017  
Lifetime Wells International, 2017-2022

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Mr. Huxta is a registered Professional Geologist with ten years of environmental consulting experience and six years of collegiate teaching experience. He is the Principal Geologist and the Owner of Huxta Environmental. Mr. Huxta's work and experience has focused on environmental due diligence, water resource management, and environmental remediation. Mr. Huxta also teaches as an Adjunct Professor at Drexel University in the Biodiversity, Earth, and Environmental Science Department.

Mr. Huxta has a working knowledge of the core environmental regulations and technical guidance documents that govern his area of expertise. Mr. Huxta uses that knowledge to 1) direct site investigations at properties with known or suspected releases of hazardous substances and petroleum products; 2) develop and implement cleanup programs that obtain relief of cleanup liability from state agencies; 3) develop and implement hydrogeologic investigations and feasibility studies that have resulted in permitting or approval through various commissions, state agencies, and local municipalities; 4) complete compliance monitoring at commercial and industrial facilities; and 5) perform environmental site assessments to evaluate potential liabilities associated with purchase of commercial, industrial, and residential properties.

## **PRIMARY SERVICE AREAS**

### **ENVIRONMENTAL ASSESSMENTS**

Mr. Huxta has conducted or overseen hundreds of Phase I and/or II Environmental Site Assessments at commercial, industrial, and residential properties. Examples of property types that have been evaluated include warehouses, bus depots, manufacturing facilities, scrap yards, machine shops, gas stations, dry cleaners, shopping plazas, hotels, apartment buildings, and unimproved tracts, among others. Mr. Huxta meets the definition of an Environmental Professional as defined in 40 CFR Part 312.

**HUXTA ENVIRONMENTAL LLC**  
**STEPHEN HUXTA, P.G.**  
**QUALIFICATIONS AND RELEVANT EXPERIENCE**

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Mr. Huxta has developed, implemented, and overseen the implementation of over 100 Phase II ESAs to evaluate Recognized Environmental Conditions (RECs) or other concerns identified during Phase I ESAs. Phase II ESAs have included soil sampling, groundwater sampling, surface water sampling, and soil gas sampling. All data collected through the Phase II ESA is compared to applicable regulatory standards, limits, and screening values and summarized in a Phase II ESA report.

**ENVIRONMENTAL REMEDIATION**

Mr. Huxta has developed work scopes and managed the remediation of dozens of properties that have resulted in regulatory agencies issuing relief of cleanup liability for soil and groundwater impacted by regulated substances including petroleum compounds, chlorinated volatile organic compounds, semi-volatile organic compounds, metals, and pesticides. Mr. Huxta's most extensive experience is within the PADEP Act 2 Program and Corrective Action Program.

Remedial work includes development of a site investigation strategy; collection of soil, groundwater, and soil gas data; evaluation of that data against regulatory standards and screening values; evaluation of potential pathways that from the soil or groundwater impact to human health or ecological receptors; and design of remedial strategies to remediate the impacts to below regulatory standards or mitigate and manage potentially complete exposure pathways. Remedial works have included both active remediation and management of impacts in place through use of institutional and engineering controls. Specific remedial tools that Mr. Huxta has implemented includes design and construction of active and passive vapor intrusion mitigation systems, capping of impacted soil to mitigate the direct contact pathway and/or migration of contaminants from soil to groundwater, risk assessments, soil excavation and disposal, separate phase liquid (SPL) recovery, chemical and biological injections, and soil vapor extraction. The data collected and remedial works implemented are compiled into reports and submitted to the applicable regulatory agency for their review and approval.

**HYDROGEOLOGIC INVESTIGATIONS**

Mr. Huxta has designed and conducted numerous hydrogeologic investigations for the registration or permitting of water withdrawals with local municipalities, state regulators, and river basin commissions. This has included transient noncommunity water systems, nontransient non community water systems, community water systems, and irrigation wells.

Pump test scale has ranged from small single well 6-hour pump tests through large scale 72-hour pump tests with numerous observation wells, residential wells, piezometers, and surface water stations within the monitoring network. Mr. Huxta has also conducted ongoing monitoring for wetlands and streams to establish a background data set and fulfill permit requirements. In addition, Mr. Huxta has provided oversight as a representative of municipalities to observe and evaluate hydrogeologic investigations conducted by others.

**COLLEGIATE TEACHING ACTIVITIES**

Mr. Huxta has served as an adjunct professor at Drexel University from Fall 2017 through current. Mr. Huxta developed and taught the Environmental Geology and Advanced Field Methods in Earth and Environmental Science courses over that period. The Environmental Geology coursework was developed by Mr. Huxta as a broad class on the interactions between humans and the geosphere, with a strong focus on the work he does in the private sector. The Advanced Field Methods Class involves visiting various geologic sites to teach students fundamental and commonly used geologic field techniques and collect data to allow for the creation of geologic maps, cross sections, and project how geologic structure may impact environmental and engineering work.

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